添 付 資 料

【線源情報】

線源証明書

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Limited
Purchase Order No.: CA619
Model No.: N-252
Catalog No.: CF230140100U
Capsule Type: A3014
Active Diameter/Mass: 1.6 mm (0.062 ")
Cover: Stainless steel
Backing: Stainless steel

Certificate Date: 04-Oct-10
Quantity: 1
SS&DR No.: CA406S102S
ISO Classification: ISO/99/C66535
Special Form No.: USA/0351/S Rev 6
Nuclide Half Life: 2.645 ± 0.008 years
Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Neutron Output [neutrons/second]	Reference Date
Cf-252	H4-694	100 µCi/3.7 MBq	4.24E+05	15-Oct-10

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:
- This document uses the numerical convention where 1.000 = 1 and 1,000 = 10^3.
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.

[redacted] [redacted] 5oct10

Name Signature Date

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Eckert & Ziegler
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Cf-252 Technical data

The Cf-252 used to prepare your order was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5343201 and it had the following composition as of 20 Sep 10.

Nuclide	Mass %	Activity %
Cf-249	9.013	0.0886
Cf-250	11.904	3.1129
Cf-251	3.956	0.0151
Cf-252	75.126	96.7830
Cf-254	0.00002	0.00044

The Cm-248 decay product was last separated on 17 Sep 09

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010

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NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Ltd.
Purchase Order No.: CTD07
Model No.: N-252
Catalog No.: CF230140100U
Capsule Type: A3014-01
Active Diameter: 0.062" (1.57 mm)
Cover: Stainless Steel
Backing: Stainless Steel

Certificate Date: 26-Aug-13
Quantity: 1
SS&DR No.: CA0406S102S
ISO/ANSI Classification: ANSI 77C66535
Special Form No.: USA/0351/S-96 Rev 8
Nuclide Half Life: 2.645 ± 0.008 years
Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	K7-436	100 µCi (3.7 MBq)	3.79 E+05 n/s	1-Oct-13

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:
- This document uses the numerical convention where 1.000 = 1 and 1,000 = 10^3.
- Nuclear data were taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- ANSI classification is equivalent to ISO2919.

[redacted] [redacted] 4 Sep 13

Name **Date**

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Isotope Products

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Cf-252 Technical data

The Cf-252 used to prepare your order of source with serial number K7-436 was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5769305 and it had the following composition as of 22 Aug 13.

Nuclide	Mass %	Activity %
Cf-249	15.438	0.1844
Cf-250	17.567	5.5805
Cf-251	6.801	0.0315
Cf-252	60.194	94.2036

The Cm-248 decay product was last separated on 26 Sep 11

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010

[redacted] [redacted] 4 Sep 13
date

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CELEBRATING 50 YEARS
Eckert & Ziegler Isotope Products 1967 - 2017

NOMINAL SOURCE CERTIFICATE

Customer: Daiichi Clarity Company Ltd.
Purchase Order No.: DC420
Model No.: N-252
Catalog No.: CF230140090U
Capsule Type: A3014-01
Active Diameter: 0.062" (1.57 mm)
Cover: Stainless Steel
Backing: Stainless Steel

Certificate Date: 2017-12-13
Quantity: 1
SS&DR No.: CA0406S102S
ISO/ANSI Classification: ANSI 77C66535
Special Form No.: USA/0351/S-96 Rev 9
Nuclide Half Life: 2.645 ± 0.008 years
Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	Q2-334	90 µCi (3.33 MBq)	3.82 E+05 n/s	2018-02-01

Impurities: See Technical Data sheet.

Leak Test Information is on Reverse Side:

Remarks:
- This document uses the numerical convention where 1.000 = 1 and 1,000 = 10^3.
- This document uses the date convention YYYY-MM-DD in accordance with ISO 8601.
- Nuclear data were taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- ANSI classification is equivalent to ISO2919.

[redacted] [redacted] 2017-12-13
Name **Signature** **Date**

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www.isotopeproducts.com

Cf-252 Technical data

The Cf-252 used to prepare your order of source Q2-334 was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5873415 and it had the following composition as of 2017-10-04.

Nuclide	Mass %	Activity %
Cf-249	20.977	0.3514
Cf-250	28.384	12.645
Cf-251	10.981	0.0712
Cf-252	39.658	86.932

The Cm-248 decay product was last separated on 2014-08-22

Isotopic composition provided by Oak Ridge National Laboratory

If you have any questions, please contact Eckert & Ziegler Isotope Products Technical Service: 661-309-1010

[redacted]

name, title

2017-12-13
date

IPL Form055-2 Rev. ---

【AFAS 性能確認試験】

(1)　2.1　長期管理限界の妥当性確認

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 14:00:01
Results file name:	04800001.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.04.08	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.04.08	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Passive results

Singles:	384.115	+-	0.579
Doubles:	4.190	+-	0.191
Triples:	0.000	+-	0.000
Scaler 1:	7.792	+-	0.096
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	22968	833	565	472	0	Pass
2	22983	803	554	442	0	Pass
3	22929	803	523	474	0	Pass
4	23258	773	537	437	0	Pass
5	23103	801	519	465	0	Pass
6	22979	767	566	469	0	Pass
7	22927	776	572	458	0	Pass
8	23136	860	553	496	0	Pass
9	23145	829	558	475	0	Pass
10	23041	787	571	487	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	382.800	4.467	0.000	0.000	Pass
2	383.050	4.150	0.000	0.000	Pass
3	382.150	4.667	0.000	0.000	Pass
4	387.633	3.933	0.000	0.000	Pass
5	385.050	4.700	0.000	0.000	Pass
6	382.983	3.350	0.000	0.000	Pass
7	382.117	3.400	0.000	0.000	Pass
8	385.600	5.117	0.000	0.000	Pass
9	385.750	4.517	0.000	0.000	Pass
10	384.017	3.600	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 13:44:57
Results file name:	048N4457.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.04.08	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.04.08	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	11
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	7036.110	+-	5.466
Doubles:	1507.518	+-	5.125
Triples:	0.000	+-	0.000
Scaler 1:	22.971	+-	0.225
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	421905	279405	190442	1313	0	Pass
2	422541	280666	190607	1315	0	Pass
3	420808	278500	188409	1376	0	Pass
4	422066	280410	190490	1350	0	Pass
5	423702	281540	191110	1444	0	Pass
6	421966	280326	188505	1404	0	Pass
7	420108	278013	189075	1433	0	Pass
8	420502	278438	189034	1407	0	Pass
9	422350	280151	189908	1368	0	Pass
10	420503	277596	188705	1408	0	Pass
11	422141	280756	189038	1343	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	7039.698	1489.432	0.000	0.000	Pass
2	7050.322	1507.792	0.000	0.000	Pass
3	7021.374	1508.299	0.000	0.000	Pass
4	7042.388	1505.457	0.000	0.000	Pass
5	7069.716	1514.022	0.000	0.000	Pass
6	7040.717	1537.282	0.000	0.000	Pass
7	7009.681	1488.985	0.000	0.000	Pass
8	7016.262	1496.793	0.000	0.000	Pass
9	7047.132	1510.869	0.000	0.000	Pass
10	7016.279	1488.204	0.000	0.000	Pass
11	7043.640	1535.560	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 13:29:53
Results file name:	048N2953.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu239:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu240:	100.0000	+- 0.0000	100.0000	+-	0.0000
Pu241:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu242:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu date:	00.01.01		20.04.08		
Am241:	0.0000	+- 0.0000	0.0000	+-	0.0000
Am date:	00.01.01		20.04.08		

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	196.658 +-	0.430
Doubles:	0.920 +-	0.109
Triples:	0.000 +-	0.000
Scaler 1:	366.603 +-	0.659
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	11798	218	142	22200	0	Pass
2	11785	217	146	21874	0	Pass
3	11829	216	145	21975	0	Pass
4	11674	183	164	21968	0	Pass
5	11650	207	167	22130	0	Pass
6	11798	203	140	22104	0	Pass
7	11826	202	150	22019	0	Pass
8	11899	233	151	21917	0	Pass
9	11886	195	150	21995	0	Pass
10	11850	198	165	21780	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	196.633	1.267	0.000	0.000	Pass
2	196.417	1.183	0.000	0.000	Pass
3	197.150	1.183	0.000	0.000	Pass
4	194.567	0.317	0.000	0.000	Pass
5	194.167	0.667	0.000	0.000	Pass
6	196.633	1.050	0.000	0.000	Pass
7	197.100	0.867	0.000	0.000	Pass
8	198.317	1.367	0.000	0.000	Pass
9	198.100	0.750	0.000	0.000	Pass
10	197.500	0.550	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 14:47:13
Results file name:	04804713.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu239:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu240:	100.0000	+- 0.0000	100.0000	+-	0.0000
Pu241:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu242:	0.0000	+- 0.0000	0.0000	+-	0.0000
Pu date:	00.01.01		20.04.08		
Am241:	0.0000	+- 0.0000	0.0000	+-	0.0000
Am date:	00.01.01		20.04.08		

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles:	10
Count time (sec):	60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	475.508 +-	1.016
Doubles:	6.748 +-	0.315
Triples:	0.000 +-	0.000
Scaler 1:	356.340 +-	0.901
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	28481	1260	778	21537	0	Pass
2	28453	1327	803	21316	0	Pass
3	28971	1254	872	21664	0	Pass
4	28329	1206	882	21327	0	Pass
5	28522	1270	831	21420	0	Pass
6	28406	1262	901	21432	0	Pass
7	28493	1275	884	21533	0	Pass
8	28635	1238	858	21113	0	Pass
9	28684	1291	916	21292	0	Pass
10	28331	1261	870	21170	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	474.683	8.033	0.000	0.000	Pass
2	474.217	8.733	0.000	0.000	Pass
3	482.850	6.367	0.000	0.000	Pass
4	472.150	5.400	0.000	0.000	Pass
5	475.367	7.317	0.000	0.000	Pass
6	473.433	6.017	0.000	0.000	Pass
7	474.883	6.517	0.000	0.000	Pass
8	477.250	6.333	0.000	0.000	Pass
9	478.067	6.250	0.000	0.000	Pass
10	472.183	6.517	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 14:32:09
Results file name:	04803209.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.04.08	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.04.08	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000	+-	0.0000
Passive singles bkgrnd:	0.000	+-	0.000
Passive doubles bkgrnd:	0.000	+-	0.000
Passive triples bkgrnd:	0.000	+-	0.000
Passive scaler1 bkgrnd:	0.000		

Passive scaler2 bkgrnd:	0.000		
Number passive cycles:	10		
Count time (sec):	60		

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5757.553	+-	4.514
Doubles:	991.345	+-	4.303
Triples:	0.000	+-	0.000
Scaler 1:	47.950	+-	0.227
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	343851	184806	125856	2934	0	Pass
2	345555	185876	127351	2791	0	Pass
3	345261	186703	127509	2865	0	Pass
4	344287	185811	125984	2887	0	Pass
5	345826	186210	128327	2886	0	Pass
6	345676	187085	127669	2912	0	Pass
7	346077	186854	127368	2841	0	Pass
8	344477	186298	126144	2928	0	Pass
9	345203	186604	127200	2872	0	Pass
10	346600	188468	127683	2854	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5733.691	984.450	0.000	0.000	Pass
2	5762.120	977.362	0.000	0.000	Pass
3	5757.215	988.533	0.000	0.000	Pass
4	5740.965	999.098	0.000	0.000	Pass
5	5766.641	966.642	0.000	0.000	Pass
6	5764.138	992.242	0.000	0.000	Pass
7	5770.828	993.414	0.000	0.000	Pass
8	5744.135	1004.560	0.000	0.000	Pass
9	5756.247	992.039	0.000	0.000	Pass
10	5779.554	1015.110	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.04.08 14:16:06
Results file name:	04801606.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.04.08	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.04.08	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000	+-	0.0000
Passive singles bkgrnd:	0.000	+-	0.000
Passive doubles bkgrnd:	0.000	+-	0.000
Passive triples bkgrnd:	0.000	+-	0.000
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	0.000		

Number passive cycles:	10		
Count time (sec):	60		

Passive error messages

No known alpha calibration

Passive results

Singles:	5.642	+-	0.079
Doubles:	0.003	+-	0.003
Triples:	0.000	+-	0.000
Scaler 1:	330.958	+-	0.642
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	335	1	0	20011	0	Pass
2	331	0	0	20006	0	Pass
3	337	0	0	19912	0	Pass
4	319	0	0	19852	0	Pass
5	336	0	1	19634	0	Pass
6	352	0	0	19955	0	Pass
7	330	1	0	19815	0	Pass
8	322	1	0	19796	0	Pass
9	363	0	0	19876	0	Pass
10	360	0	0	19718	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.583	0.017	0.000	0.000	Pass
2	5.517	0.000	0.000	0.000	Pass
3	5.617	0.000	0.000	0.000	Pass
4	5.317	0.000	0.000	0.000	Pass
5	5.600	-0.017	0.000	0.000	Pass
6	5.867	0.000	0.000	0.000	Pass
7	5.500	0.017	0.000	0.000	Pass
8	5.367	0.017	0.000	0.000	Pass
9	6.050	0.000	0.000	0.000	Pass
10	6.000	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 10:15:50
Results file name:	05RK1550.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.05.27	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Results

Singles:	370.350	+-	0.571
Doubles:	3.977	+-	0.167
Triples:	0.000	+-	0.000
Scaler 1:	7.578	+-	0.091
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	22057	789	528	461	0	Pass
2	22192	769	522	453	0	Pass
3	22185	808	565	479	0	Pass
4	22248	779	517	473	0	Pass
5	22293	745	538	459	0	Pass
6	22311	764	551	433	0	Pass
7	22306	733	554	451	0	Pass
8	22379	770	544	462	0	Pass
9	22050	797	527	455	0	Pass
10	22189	789	511	421	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	367.617	4.350	0.000	0.000	Pass
2	369.867	4.117	0.000	0.000	Pass
3	369.750	4.050	0.000	0.000	Pass
4	370.800	4.367	0.000	0.000	Pass
5	371.550	3.450	0.000	0.000	Pass
6	371.850	3.550	0.000	0.000	Pass
7	371.767	2.983	0.000	0.000	Pass
8	372.983	3.767	0.000	0.000	Pass
9	367.500	4.500	0.000	0.000	Pass
10	369.817	4.633	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 10:00:47
Results file name:	05RK0047.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.05.27	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	6806.412	+-	4.277
Doubles:	1457.757	+-	3.744
Triples:	0.000	+-	0.000
Scaler 1:	22.482	+-	0.176
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	407099	264178	176118	1327	0	Pass
2	407326	263348	176678	1373	0	Pass
3	408136	264151	177635	1355	0	Pass
4	408339	264912	177812	1340	0	Pass
5	407340	264964	176867	1359	0	Pass
6	407122	264269	177471	1406	0	Pass
7	409392	266487	179551	1343	0	Pass
8	409127	266623	178660	1343	0	Pass
9	407801	263560	177013	1277	0	Pass
10	407707	263453	177299	1366	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6792.383	1474.080	0.000	0.000	Pass
2	6796.175	1450.815	0.000	0.000	Pass
3	6809.704	1448.250	0.000	0.000	Pass
4	6813.095	1458.029	0.000	0.000	Pass
5	6796.408	1474.703	0.000	0.000	Pass
6	6792.767	1452.955	0.000	0.000	Pass
7	6830.683	1455.300	0.000	0.000	Pass
8	6826.257	1472.488	0.000	0.000	Pass
9	6804.109	1448.764	0.000	0.000	Pass
10	6802.539	1442.184	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 09:44:42
Results file name:	05RJ4442.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.05.27	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	192.198	+-	0.433
Doubles:	1.075	+-	0.096
Triples:	0.000	+-	0.000
Scaler 1:	354.993	+-	0.637
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	11620	229	141	21415	0	Pass
2	11547	172	135	21339	0	Pass
3	11560	185	144	21312	0	Pass
4	11459	195	126	21185	0	Pass
5	11479	205	140	21410	0	Pass
6	11458	207	158	21172	0	Pass
7	11535	219	161	21234	0	Pass
8	11432	214	127	21335	0	Pass
9	11529	203	122	21111	0	Pass
10	11700	217	147	21483	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	193.667	1.467	0.000	0.000	Pass
2	192.450	0.617	0.000	0.000	Pass
3	192.667	0.683	0.000	0.000	Pass
4	190.983	1.150	0.000	0.000	Pass
5	191.317	1.083	0.000	0.000	Pass
6	190.967	0.817	0.000	0.000	Pass
7	192.250	0.967	0.000	0.000	Pass
8	190.533	1.450	0.000	0.000	Pass
9	192.150	1.350	0.000	0.000	Pass
10	195.000	1.167	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 11:03:03
Results file name:	05RL0303.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.05.27	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	458.258	+-	0.877
Doubles:	6.742	+-	0.240
Triples:	0.000	+-	0.000
Scaler 1:	344.227	+-	0.398
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	27334	1203	831	20721	0	Pass
2	27705	1255	786	20689	0	Pass
3	27425	1188	781	20628	0	Pass
4	27281	1103	770	20631	0	Pass
5	27342	1209	769	20753	0	Pass
6	27387	1161	811	20731	0	Pass
7	27525	1263	806	20523	0	Pass
8	27548	1225	804	20678	0	Pass
9	27737	1182	762	20629	0	Pass
10	27671	1162	786	20553	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	455.567	6.200	0.000	0.000	Pass
2	461.750	7.817	0.000	0.000	Pass
3	457.083	6.783	0.000	0.000	Pass
4	454.683	5.550	0.000	0.000	Pass
5	455.700	7.333	0.000	0.000	Pass
6	456.450	5.833	0.000	0.000	Pass
7	458.750	7.617	0.000	0.000	Pass
8	459.133	7.017	0.000	0.000	Pass
9	462.283	7.000	0.000	0.000	Pass
10	461.183	6.267	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 10:46:59
Results file name:	05RK4659.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.05.27	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5556.240 +- 2.651
Doubles:	948.606 +- 3.270
Triples:	0.000 +- 0.000
Scaler 1:	45.965 +- 0.202
Scaler 2:	0.000 +- 0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	332784	174845	119208	2756	0	Pass
2	333522	175399	118481	2785	0	Pass
3	333168	175076	118116	2823	0	Pass
4	333531	175708	118635	2761	0	Pass
5	334146	175532	119133	2733	0	Pass
6	332597	175249	118265	2684	0	Pass
7	332826	174530	118157	2795	0	Pass
8	333123	174812	118072	2761	0	Pass
9	332732	175783	118856	2751	0	Pass
10	333714	176323	118263	2730	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5549.061	929.064	0.000	0.000	Pass
2	5561.373	950.459	0.000	0.000	Pass
3	5555.467	951.159	0.000	0.000	Pass
4	5561.523	953.048	0.000	0.000	Pass
5	5571.783	941.796	0.000	0.000	Pass
6	5545.942	951.556	0.000	0.000	Pass
7	5549.762	941.355	0.000	0.000	Pass
8	5554.717	947.485	0.000	0.000	Pass
9	5548.194	950.605	0.000	0.000	Pass
10	5564.576	969.530	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.05.27 10:31:54
Results file name:	05RK3154.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.05.27	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.05.27	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Results

Singles:	5.512 +- 0.084
Doubles:	0.005 +- 0.003
Triples:	0.000 +- 0.000
Scaler 1:	319.167 +- 0.815
Scaler 2:	0.000 +- 0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	294	0	0	19031	0	Pass
2	347	0	0	19107	0	Pass
3	316	0	0	19277	0	Pass
4	337	1	0	19057	0	Pass
5	341	1	0	19251	0	Pass
6	346	1	0	19336	0	Pass
7	335	0	0	18828	0	Pass
8	332	0	0	19117	0	Pass
9	334	0	0	19195	0	Pass
10	325	0	0	19301	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4.900	0.000	0.000	0.000	Pass
2	5.783	0.000	0.000	0.000	Pass
3	5.267	0.000	0.000	0.000	Pass
4	5.617	0.017	0.000	0.000	Pass
5	5.683	0.017	0.000	0.000	Pass
6	5.767	0.017	0.000	0.000	Pass
7	5.583	0.000	0.000	0.000	Pass
8	5.533	0.000	0.000	0.000	Pass
9	5.567	0.000	0.000	0.000	Pass
10	5.417	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 10:04:42
Results file name:	069K0442.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Results

Singles:	365.422	+-	0.586
Doubles:	3.747	+-	0.176
Triples:	0.000	+-	0.000
Scaler 1:	7.410	+-	0.085
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	21922	726	538	452	0	Pass
2	21646	780	519	435	0	Pass
3	21986	724	548	439	0	Pass
4	22016	734	522	465	0	Pass
5	21924	800	540	444	0	Pass
6	21883	783	509	453	0	Pass
7	21918	743	537	452	0	Pass
8	21937	739	523	416	0	Pass
9	21961	724	516	425	0	Pass
10	22060	772	525	465	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	365.367	3.133	0.000	0.000	Pass
2	360.767	4.350	0.000	0.000	Pass
3	366.433	2.933	0.000	0.000	Pass
4	366.933	3.533	0.000	0.000	Pass
5	365.400	4.333	0.000	0.000	Pass
6	364.717	4.567	0.000	0.000	Pass
7	365.300	3.433	0.000	0.000	Pass
8	365.617	3.600	0.000	0.000	Pass
9	366.017	3.467	0.000	0.000	Pass
10	367.667	4.117	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 09:47:44
Results file name:	069J4744.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	6738.516	+-	3.786
Doubles:	1447.493	+-	6.059
Triples:	0.000	+-	0.000
Scaler 1:	22.533	+-	0.181
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	404546	261174	173580	1335	0	Pass
2	403478	259730	173930	1336	0	Pass
3	403496	260554	173672	1330	0	Pass
4	403920	259286	174940	1349	0	Pass
5	402663	258334	172610	1317	0	Pass
6	404086	261162	173748	1341	0	Pass
7	403501	261217	173774	1314	0	Pass
8	403986	260468	174133	1400	0	Pass
9	405351	261449	176059	1393	0	Pass
10	403713	261254	173435	1405	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6749.740	1466.239	0.000	0.000	Pass
2	6731.902	1436.193	0.000	0.000	Pass
3	6732.203	1454.304	0.000	0.000	Pass
4	6739.284	1411.861	0.000	0.000	Pass
5	6718.289	1434.908	0.000	0.000	Pass
6	6742.057	1463.219	0.000	0.000	Pass
7	6732.286	1463.695	0.000	0.000	Pass
8	6740.387	1445.156	0.000	0.000	Pass
9	6763.186	1429.358	0.000	0.000	Pass
10	6735.827	1469.992	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 09:30:39
Results file name:	069J3039.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	189.850	+-	0.457
Doubles:	1.067	+-	0.070
Triples:	0.000	+-	0.000
Scaler 1:	352.805	+-	0.579
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	11502	197	133	21330	0	Pass
2	11366	195	130	21114	0	Pass
3	11409	218	137	20933	0	Pass
4	11490	201	143	21191	0	Pass
5	11449	208	145	21208	0	Pass
6	11324	194	143	21176	0	Pass
7	11316	211	128	21275	0	Pass
8	11231	188	128	21230	0	Pass
9	11460	219	144	21134	0	Pass
10	11363	202	162	21092	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	191.700	1.067	0.000	0.000	Pass
2	189.433	1.083	0.000	0.000	Pass
3	190.150	1.350	0.000	0.000	Pass
4	191.500	0.967	0.000	0.000	Pass
5	190.817	1.050	0.000	0.000	Pass
6	188.733	0.850	0.000	0.000	Pass
7	188.600	1.383	0.000	0.000	Pass
8	187.183	1.000	0.000	0.000	Pass
9	191.000	1.250	0.000	0.000	Pass
10	189.383	0.667	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 10:51:02
Results file name:	069K5102.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	454.050	+-	0.455
Doubles:	6.183	+-	0.194
Triples:	0.000	+-	0.000
Scaler 1:	339.182	+-	0.826
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	27102	1111	819	20412	0	Pass
2	27306	1177	782	20407	0	Pass
3	27176	1148	780	20639	0	Pass
4	27232	1195	813	20406	0	Pass
5	27341	1182	803	20263	0	Pass
6	27198	1198	805	20044	0	Pass
7	27386	1189	778	20333	0	Pass
8	27182	1154	826	20239	0	Pass
9	27290	1177	819	20459	0	Pass
10	27217	1165	761	20307	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	451.700	4.867	0.000	0.000	Pass
2	455.100	6.583	0.000	0.000	Pass
3	452.933	6.133	0.000	0.000	Pass
4	453.867	6.367	0.000	0.000	Pass
5	455.683	6.317	0.000	0.000	Pass
6	453.300	6.550	0.000	0.000	Pass
7	456.433	6.850	0.000	0.000	Pass
8	453.033	5.467	0.000	0.000	Pass
9	454.833	5.967	0.000	0.000	Pass
10	453.617	6.733	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 10:34:58
Results file name:	069K3458.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5512.169	+-	3.858
Doubles:	950.871	+-	3.105
Triples:	0.000	+-	0.000
Scaler 1:	45.342	+-	0.275
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	331087	173862	117054	2682	0	Pass
2	329918	172443	115301	2752	0	Pass
3	330876	173632	117286	2678	0	Pass
4	330344	173203	116688	2715	0	Pass
5	329169	172105	115770	2822	0	Pass
6	329894	174476	116405	2757	0	Pass
7	331247	174397	117740	2688	0	Pass
8	330960	173116	116411	2741	0	Pass
9	331535	174828	117038	2733	0	Pass
10	330696	174069	117002	2637	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5520.751	948.609	0.000	0.000	Pass
2	5501.249	954.180	0.000	0.000	Pass
3	5517.231	940.893	0.000	0.000	Pass
4	5508.356	943.713	0.000	0.000	Pass
5	5488.754	940.700	0.000	0.000	Pass
6	5500.849	969.693	0.000	0.000	Pass
7	5523.420	946.089	0.000	0.000	Pass
8	5518.632	946.889	0.000	0.000	Pass
9	5528.225	965.010	0.000	0.000	Pass
10	5514.228	952.932	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.06.09 10:19:46
Results file name:	069K1946.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000	+-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000	+-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01			20.06.09	
Am241:	0.0000	+-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01			20.06.09	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Results

Singles:	5.405	+-	0.093
Doubles:	0.000	+-	0.004
Triples:	0.000	+-	0.000
Scaler 1:	317.117	+-	0.770
Scaler 2:	0.000	+-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	316	0	0	18879	0	Pass
2	329	0	0	19112	0	Pass
3	321	0	0	19078	0	Pass
4	296	0	0	19200	0	Pass
5	355	0	0	18923	0	Pass
6	317	0	0	18953	0	Pass
7	316	2	0	19074	0	Pass
8	309	0	1	19107	0	Pass
9	342	0	1	18749	0	Pass
10	342	0	0	19195	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.267	0.000	0.000	0.000	Pass
2	5.483	0.000	0.000	0.000	Pass
3	5.350	0.000	0.000	0.000	Pass
4	4.933	0.000	0.000	0.000	Pass
5	5.917	0.000	0.000	0.000	Pass
6	5.283	0.000	0.000	0.000	Pass
7	5.267	0.033	0.000	0.000	Pass
8	5.150	-0.017	0.000	0.000	Pass
9	5.700	-0.017	0.000	0.000	Pass
10	5.700	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Electronics id:	AMSR
Detector id:	AFASB
Detector type:	COLLAR-BWR
Measurement date:	20.07.16 10:46:45
Results file name:	07GK4645.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Comment:	

Singles Background:	7.495 +-	0.167
Doubles Background:	0.003 +-	0.002
Triples Background:	0.000 +-	0.000
Scaler1 Background:	0.000	
Scaler2 Background:	0.000	

Number of cycles:	10
Count time (sec):	60
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761

Summed raw data

Shift register singles sum:	3935979
Shift register reals + accidentals sum:	2495270
Shift register accidentals sum:	1652474
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Summed multiplicity distributions

	R+A sums	A sums
0	2205915	2725252
1	1165201	872153
2	411151	257183
3	116997	63789

4	28818	14120
5	6248	2812
6	1341	525
7	253	87
8	48	12
9	7	0

Normalization results

Singles:	6559.387 +-	3.832
Doubles:	1410.590 +-	3.245
Triples:	171.113 +-	2.518
Quads:	11.739 +-	1.704
Quads/Triples:	0.068 +-	0.010
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Reference source id:	H4-694	
Current normalization constant:	1.0000 +-	0.0000
Cf252 expected doubles rate:	1393.0907 +-	1.8072
Cf252 measured doubles rate:	1410.5902 +-	3.2449
Doubles rate expected/measured:	0.9876 +-	0.0026
New normalization constant:	1.0000 +-	0.0000

Normalization test Passed.

Cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	392931	248535	164687	0	0	Pass
2	393898	249424	165499	0	0	Pass
3	392870	249416	164637	0	0	Pass
4	392729	249093	164518	0	0	Pass
5	394891	250687	166334	0	0	Pass
6	393610	249124	165257	0	0	Pass
7	393712	250005	165343	0	0	Pass
8	392959	248633	164711	0	0	Pass
9	394429	251435	165945	0	0	Pass
10	393950	248918	165543	0	0	Pass

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	6548.248	1403.356	162.035	Pass
2	6564.399	1404.660	173.931	Pass
3	6547.229	1418.938	167.468	Pass
4	6544.874	1415.521	183.791	Pass
5	6580.984	1411.838	168.574	Pass
6	6559.589	1403.685	171.115	Pass
7	6561.292	1416.992	182.088	Pass
8	6548.716	1404.595	164.747	Pass
9	6573.268	1430.861	176.672	Pass
10	6565.267	1395.455	160.719	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Electronics id:	AMSR
Detector id:	AFASB-Top
Detector type:	BWR TOP
Measurement date:	20.07.16 11:12:02
Results file name:	07GL1202.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Comment:	

Singles Background:	0.867 +-	0.058
Doubles Background:	0.002 +-	0.002
Triples Background:	0.000 +-	0.000
Scaler1 Background:	0.000	
Scaler2 Background:	0.000	

Number of cycles:	10
Count time (sec):	60
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Summed raw data

Shift register singles sum:	204520
Shift register reals + accidentals sum:	6585
Shift register accidentals sum:	4458
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Summed multiplicity distributions

	R+A sums	A sums
0	198059	200126
1	6340	4312
2	118	65
3	3	0

Normalization results

Singles:	340.000 +-	0.767
Doubles:	3.543 +-	0.140
Triples:	0.026 +-	0.015
Quads:	0.003 +-	0.002
Quads/Triples:	0.313 +-	0.277
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Reference source id:	H4-694	
Current normalization constant:	1.0000 +-	0.0000
Cf252 expected singles rate:	337.7984 +-	0.2215
Cf252 measured singles rate:	340.0000 +-	0.7672
Singles rate expected/measured:	0.9935 +-	0.0398
New normalization constant:	1.0000 +-	0.0000

Normalization test Passed.

Cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	20357	683	442	0	0	Pass
2	20609	638	453	0	0	Pass
3	20318	660	440	0	0	Pass
4	20555	664	450	0	0	Pass
5	20472	607	447	0	0	Pass
6	20445	676	445	0	0	Pass
7	20258	631	437	0	0	Pass
8	20357	671	442	0	0	Pass
9	20733	702	458	0	0	Pass
10	20416	653	444	0	0	Pass

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	338.417	4.015	-0.037	Pass
2	342.617	3.082	0.082	Pass
3	337.767	3.665	0.104	Pass
4	341.717	3.565	-0.012	Pass
5	340.333	2.665	-0.025	Pass
6	339.883	3.848	-0.000	Pass
7	336.767	3.232	0.013	Pass
8	338.417	3.815	0.017	Pass
9	344.683	4.065	0.076	Pass
10	339.400	3.482	0.041	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.07.16 15:50:46
Results file name:	07GP5046.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	0.768 +- 0.039
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive summed raw data

Shift register singles sum:	214649
Shift register reals + accidentals sum:	7306
Shift register accidentals sum:	4910
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	207489	209815
1	7014	4740
2	146	76

Results

Singles:	356.980 +- 0.867
Doubles:	3.993 +- 0.079
Triples:	0.025 +- 0.022
Quads:	-0.002 +- 0.001
Quads/Triples:	-0.032 +- 0.035
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected singles rate:	353.0130 +- 0.2186
Cf252 measured singles rate:	356.9800 +- 0.8672
Singles rate expected/measured:	0.9889 +- 0.0396
New normalization constant:	1.0000 +- 0.0000
Normalization test Passed.	

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	21477	735	492	0	0	Pass
2	21345	721	485	0	0	Pass
3	21364	731	486	0	0	Pass
4	21272	688	482	0	0	Pass
5	21664	760	500	0	0	Pass
6	21479	731	492	0	0	Pass
7	21302	710	484	0	0	Pass
8	21438	739	490	0	0	Pass
9	21508	733	493	0	0	Pass
10	21800	758	506	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	357.182	4.050	0.007	Pass
2	354.982	3.933	-0.006	Pass
3	355.298	4.083	-0.060	Pass
4	353.765	3.433	-0.028	Pass
5	360.298	4.333	0.016	Pass
6	357.215	3.983	0.075	Pass
7	354.265	3.767	0.131	Pass
8	356.532	4.150	0.105	Pass
9	357.698	4.000	-0.075	Pass
10	362.565	4.200	0.086	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.07.16 15:24:22
Results file name:	07GP2422.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	1.270 +- 0.259
Passive doubles bkgrnd:	0.002 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive summed raw data

Shift register singles sum:	197923
Shift register reals + accidentals sum:	6318
Shift register accidentals sum:	4175
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	191712	193808
1	6106	4039
2	103	62

3 2 0

Results

Singles:	328.602 +- 0.880
Doubles:	3.570 +- 0.165
Triples:	0.003 +- 0.023
Quads:	0.002 +- 0.003
Quads/Triples:	0.035 +- 0.023
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected singles rate:	324.7820 +- 0.2511
Cf252 measured singles rate:	328.6017 +- 0.8800
Singles rate expected/measured:	0.9884 +- 0.0396
New normalization constant:	1.0000 +- 0.0000
Normalization test Passed.	

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	20107	636	431	0	0	Pass
2	19749	661	416	0	0	Pass
3	19784	618	417	0	0	Pass
4	19728	658	415	0	0	Pass
5	19831	619	419	0	0	Pass
6	19910	582	422	0	0	Pass
7	19837	687	419	0	0	Pass
8	19539	594	407	0	0	Pass
9	19845	635	420	0	0	Pass
10	19593	628	409	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	333.847	3.415	-0.007	Pass
2	327.880	4.082	-0.036	Pass
3	328.463	3.348	-0.037	Pass
4	327.530	4.048	0.181	Pass
5	329.247	3.332	-0.071	Pass
6	330.563	2.665	0.027	Pass
7	329.347	4.465	-0.011	Pass
8	324.380	3.115	-0.032	Pass
9	329.480	3.582	0.057	Pass
10	325.280	3.648	-0.043	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.16 14:34:19
Results file name:	07GO3419.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Passive singles bkgrnd:	9.752 +- 0.115
Passive doubles bkgrnd:	0.015 +- 0.005
Passive triples bkgrnd:	0.002 +- 0.002
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive summed raw data

Shift register singles sum:	3218360
Shift register reals + accidentals sum:	1657459
Shift register accidentals sum:	1104836
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	1993987	2363696
1	887004	653585
2	260487	160645

4	5353.568	929.107	90.526	Pass
5	5358.656	930.895	97.747	Pass
6	5367.180	942.536	95.008	Pass
7	5365.913	930.864	91.241	Pass
8	5340.439	904.841	83.775	Pass
9	5374.554	924.922	86.107	Pass
10	5345.277	924.445	95.103	Pass

3	61459	33139
4	12644	6066
5	2258	1015
6	434	149
7	66	19
8	17	0
9	4	0

Passive messages

Normalization test failed

Results

Singles:	5356.671 +- 3.316
Doubles:	922.734 +- 3.640
Triples:	89.617 +- 1.730
Quads:	7.399 +- 1.394
Quads/Triples:	0.081 +- 0.014
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected doubles rate:	914.6752 +- 1.3879
Cf252 measured doubles rate:	922.7341 +- 3.6402
Doubles rate expected/measured:	0.9913 +- 0.0042
New normalization constant:	1.0000 +- 0.0000
Normalization test Failed.	
Measured percent precision:	0.39
Required percent precision:	0.30
Repeat measurement for at least:	1150 seconds

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	321872	165162	110508	0	0	Pass
2	321360	165096	110156	0	0	Pass
3	321743	164907	110419	0	0	Pass
4	321650	166000	110356	0	0	Pass
5	321955	166316	110565	0	0	Pass
6	322466	167364	110916	0	0	Pass
7	322390	166613	110864	0	0	Pass
8	320863	164007	109816	0	0	Pass
9	322908	166614	111221	0	0	Pass
10	321153	165380	110015	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	5357.271	912.577	82.488	Pass
2	5348.730	917.350	90.945	Pass
3	5355.119	909.805	83.178	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.07.16 14:59:24
Results file name:	07GO5924.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	1.388 +- 0.040
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive summed raw data

Shift register singles sum:	184386
Shift register reals + accidentals sum:	5386
Shift register accidentals sum:	3621
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	179094	180809
1	5198	3514
2	94	48

Results

Singles:	305.922 +-	0.758
Doubles:	2.942 +-	0.097
Triples:	0.019 +-	0.018
Quads:	-0.001 +-	0.000
Quads/Triples:	-0.024 +-	0.011
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +-	0.0000
Cf252 expected singles rate:	302.2104 +-	0.2383
Cf252 measured singles rate:	305.9217 +-	0.7579
Singles rate expected/measured:	0.9879 +-	0.0396
New normalization constant:	1.0000 +-	0.0000

Normalization test Passed.

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	18725	577	373	0	0	Pass
2	18440	552	362	0	0	Pass
3	18339	507	358	0	0	Pass
4	18497	540	364	0	0	Pass
5	18289	515	356	0	0	Pass
6	18406	551	361	0	0	Pass
7	18393	547	360	0	0	Pass
8	18400	530	361	0	0	Pass
9	18626	523	370	0	0	Pass
10	18271	544	356	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	310.695	3.400	0.032	Pass
2	305.945	3.167	0.038	Pass
3	304.262	2.483	-0.016	Pass
4	306.895	2.933	0.042	Pass
5	303.428	2.650	0.031	Pass
6	305.378	3.167	0.021	Pass
7	305.162	3.117	0.122	Pass
8	305.278	2.817	0.028	Pass
9	309.045	2.550	-0.101	Pass
10	303.128	3.133	-0.011	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 10:47:27
Results file name:	086K4727.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

No known alpha calibration

Results

Singles:	352.952 +-	0.666
Doubles:	4.090 +-	0.180
Triples:	0.000 +-	0.000
Scaler 1:	7.408 +-	0.099
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	21058	710	461	433	0	Pass
2	21390	727	505	453	0	Pass
3	21241	764	491	424	0	Pass
4	21195	650	454	485	0	Pass
5	21184	748	510	434	0	Pass
6	21236	786	539	445	0	Pass
7	21158	705	443	450	0	Pass
8	20919	710	480	435	0	Pass
9	21129	690	472	425	0	Pass
10	21261	758	439	461	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	350.967	4.150	0.000	0.000	Pass
2	356.500	3.700	0.000	0.000	Pass
3	354.017	4.550	0.000	0.000	Pass
4	353.250	3.267	0.000	0.000	Pass
5	353.067	3.967	0.000	0.000	Pass
6	353.933	4.117	0.000	0.000	Pass
7	352.633	4.367	0.000	0.000	Pass
8	348.650	3.833	0.000	0.000	Pass
9	352.150	3.633	0.000	0.000	Pass
10	354.350	5.317	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 09:49:11
Results file name:	086J4911.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	6469.044 +-	2.924
Doubles:	1380.968 +-	3.580
Triples:	0.000 +-	0.000
Scaler 1:	21.412 +-	0.138
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	387837	242953	160718	1294	0	Pass
2	387934	242738	160269	1246	0	Pass
3	387684	243775	160578	1321	0	Pass
4	388234	243152	161078	1314	0	Pass
5	386899	243005	159124	1281	0	Pass
6	387378	242010	160575	1302	0	Pass
7	387708	242974	160487	1260	0	Pass
8	388454	243833	161015	1288	0	Pass
9	388375	243300	160760	1294	0	Pass
10	386896	241856	159845	1247	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6470.666	1376.288	0.000	0.000	Pass
2	6472.286	1380.206	0.000	0.000	Pass
3	6468.110	1392.386	0.000	0.000	Pass
4	6477.296	1373.599	0.000	0.000	Pass
5	6455.000	1403.821	0.000	0.000	Pass
6	6463.000	1362.892	0.000	0.000	Pass
7	6468.511	1380.503	0.000	0.000	Pass
8	6480.970	1386.054	0.000	0.000	Pass
9	6479.651	1381.400	0.000	0.000	Pass
10	6454.950	1372.525	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 09:33:07
Results file name:	086J3307.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	183.263 +-	0.670
Doubles:	1.108 +-	0.092
Triples:	0.000 +-	0.000
Scaler 1:	338.268 +-	0.705
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	10945	185	140	20319	0	Pass
2	11006	212	145	20074	0	Pass
3	10843	178	106	20365	0	Pass
4	10987	192	143	20326	0	Pass
5	11273	208	123	20425	0	Pass
6	11131	187	108	20322	0	Pass
7	10959	177	128	20453	0	Pass
8	11016	195	137	20347	0	Pass
9	10942	204	142	20280	0	Pass
10	10856	205	106	20050	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	182.417	0.750	0.000	0.000	Pass
2	183.433	1.117	0.000	0.000	Pass
3	180.717	1.200	0.000	0.000	Pass
4	183.117	0.817	0.000	0.000	Pass
5	187.883	1.417	0.000	0.000	Pass
6	185.517	1.317	0.000	0.000	Pass
7	182.650	0.817	0.000	0.000	Pass
8	183.600	0.967	0.000	0.000	Pass
9	182.367	1.033	0.000	0.000	Pass
10	180.933	1.650	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 11:17:36
Results file name:	086L1736.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5291.098 +-	3.793
Doubles:	909.681 +-	4.617
Triples:	0.000 +-	0.000
Scaler 1:	43.598 +-	0.331
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	316640	160315	107551	2597	0	Pass
2	317000	160976	106799	2556	0	Pass
3	317509	161546	106776	2677	0	Pass
4	316615	160801	107291	2634	0	Pass
5	317301	161589	107063	2646	0	Pass
6	317175	161220	106943	2536	0	Pass
7	316337	161948	106507	2522	0	Pass
8	317972	162512	106943	2703	0	Pass
9	318560	163079	108597	2678	0	Pass
10	318098	162630	107335	2610	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5279.743	881.007	0.000	0.000	Pass
2	5285.748	904.602	0.000	0.000	Pass
3	5294.239	914.506	0.000	0.000	Pass
4	5279.326	893.463	0.000	0.000	Pass
5	5290.769	910.431	0.000	0.000	Pass
6	5288.667	906.273	0.000	0.000	Pass
7	5274.688	925.704	0.000	0.000	Pass
8	5301.963	927.850	0.000	0.000	Pass
9	5311.772	909.703	0.000	0.000	Pass
10	5304.065	923.275	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 11:02:32
Results file name:	086L0232.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	5.160 +-	0.103
Doubles:	-0.003 +-	0.002
Triples:	0.000 +-	0.000
Scaler 1:	303.683 +-	0.818
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	296	0	0	18263	0	Pass
2	331	0	0	18324	0	Pass
3	308	0	0	18165	0	Pass
4	271	0	0	18099	0	Pass
5	299	0	0	18053	0	Pass
6	331	0	1	18320	0	Pass
7	305	0	0	18359	0	Pass
8	317	0	0	18397	0	Pass
9	334	0	1	18310	0	Pass
10	304	0	0	17920	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4.933	0.000	0.000	0.000	Pass
2	5.517	0.000	0.000	0.000	Pass
3	5.133	0.000	0.000	0.000	Pass
4	4.517	0.000	0.000	0.000	Pass
5	4.983	0.000	0.000	0.000	Pass
6	5.517	-0.017	0.000	0.000	Pass
7	5.083	0.000	0.000	0.000	Pass
8	5.283	0.000	0.000	0.000	Pass
9	5.567	-0.017	0.000	0.000	Pass
10	5.067	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.08.06 11:33:40
Results file name:	086L3340.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.08.06	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.08.06	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	437.485 +-	0.666
Doubles:	5.707 +-	0.191
Triples:	0.000 +-	0.000
Scaler 1:	325.545 +-	0.646
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	26148	1071	672	19718	0	Pass
2	26271	1131	773	19583	0	Pass
3	26107	1029	754	19439	0	Pass
4	26194	1086	729	19348	0	Pass
5	26489	1124	754	19526	0	Pass
6	26120	1015	701	19520	0	Pass
7	26181	1093	724	19573	0	Pass
8	26245	1055	733	19361	0	Pass
9	26332	1110	762	19681	0	Pass
10	26404	1108	796	19578	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	435.800	6.650	0.000	0.000	Pass
2	437.850	5.967	0.000	0.000	Pass
3	435.117	4.583	0.000	0.000	Pass
4	436.567	5.950	0.000	0.000	Pass
5	441.483	6.167	0.000	0.000	Pass
6	435.333	5.233	0.000	0.000	Pass
7	436.350	6.150	0.000	0.000	Pass
8	437.417	5.367	0.000	0.000	Pass
9	438.867	5.800	0.000	0.000	Pass
10	440.067	5.200	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_02			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.09.15 10:31:03			
Results file name:	09FK3103.VER			
Inspection number:				
Item id:	BWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0060			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	341.507 +-	0.977
Doubles:	3.830 +-	0.217
Triples:	0.000 +-	0.000
Scaler 1:	7.120 +-	0.120
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	20413	596	444	438	0	Pass
2	20349	705	454	426	0	Pass
3	20760	689	486	461	0	Pass
4	20862	719	471	418	0	Pass
5	20376	643	449	446	0	Pass
6	20560	722	436	441	0	Pass
7	20447	648	452	411	0	Pass
8	20331	682	421	423	0	Pass
9	20325	688	434	377	0	Pass
10	20481	695	442	431	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	340.217	2.533	0.000	0.000	Pass
2	339.150	4.183	0.000	0.000	Pass
3	346.000	3.383	0.000	0.000	Pass
4	347.700	4.133	0.000	0.000	Pass
5	339.600	3.233	0.000	0.000	Pass
6	342.667	4.767	0.000	0.000	Pass
7	340.783	3.267	0.000	0.000	Pass
8	338.850	4.350	0.000	0.000	Pass
9	338.750	4.233	0.000	0.000	Pass
10	341.350	4.217	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.09.15 10:16:10			
Results file name:	09FK1610.VER			
Inspection number:				
Item id:	BWR COLLAR			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1970			
Multiplicity deadtime:	160.0000			
Coefficient A deadtime:	0.6419			
Coefficient B deadtime:	0.1030			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	6281.681 +-	2.323
Doubles:	1344.281 +-	4.929
Triples:	0.000 +-	0.000
Scaler 1:	20.568 +-	0.217
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	376689	230622	151720	1223	0	Pass
2	377219	231968	151931	1187	0	Pass
3	376835	233220	151377	1272	0	Pass
4	375843	229763	149629	1191	0	Pass
5	377016	232089	151953	1242	0	Pass
6	376022	231260	150858	1165	0	Pass
7	376519	231064	152127	1246	0	Pass
8	376258	231519	150557	1257	0	Pass
9	376208	231928	150702	1273	0	Pass
10	376602	231632	150888	1285	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6284.485	1320.349	0.000	0.000	Pass
2	6293.336	1339.350	0.000	0.000	Pass
3	6286.923	1369.566	0.000	0.000	Pass
4	6270.356	1340.953	0.000	0.000	Pass
5	6289.946	1341.003	0.000	0.000	Pass
6	6273.346	1345.440	0.000	0.000	Pass
7	6281.646	1320.932	0.000	0.000	Pass
8	6277.287	1354.815	0.000	0.000	Pass
9	6276.452	1359.232	0.000	0.000	Pass
10	6283.032	1351.172	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.09.15 10:00:05
Results file name:	09FK0005.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	177.222 +-	0.407
Doubles:	1.002 +-	0.080
Triples:	0.000 +-	0.000
Scaler 1:	328.127 +-	0.735
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	10541	181	135	19674	0	Pass
2	10779	172	126	19602	0	Pass
3	10559	163	112	19782	0	Pass
4	10651	202	120	19710	0	Pass
5	10735	198	138	19478	0	Pass
6	10680	193	104	19909	0	Pass
7	10602	176	126	19515	0	Pass
8	10591	167	114	19769	0	Pass
9	10606	185	116	19834	0	Pass
10	10589	162	107	19603	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	175.683	0.767	0.000	0.000	Pass
2	179.650	0.767	0.000	0.000	Pass
3	175.983	0.850	0.000	0.000	Pass
4	177.517	1.367	0.000	0.000	Pass
5	178.917	1.000	0.000	0.000	Pass
6	178.000	1.483	0.000	0.000	Pass
7	176.700	0.833	0.000	0.000	Pass
8	176.517	0.883	0.000	0.000	Pass
9	176.767	1.150	0.000	0.000	Pass
10	176.483	0.917	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.09.15 11:17:26
Results file name:	09FL1726.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	420.623 +-	1.201
Doubles:	5.733 +-	0.125
Triples:	0.000 +-	0.000
Scaler 1:	315.930 +-	0.682
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	25592	1084	716	18993	0	Pass
2	25077	1025	694	19145	0	Pass
3	25055	1032	664	19107	0	Pass
4	25496	1017	661	18821	0	Pass
5	25052	1082	700	18891	0	Pass
6	25165	1018	685	18848	0	Pass
7	25140	975	671	18890	0	Pass
8	25027	973	638	19019	0	Pass
9	25583	1045	712	19074	0	Pass
10	25187	998	668	18770	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	426.533	6.133	0.000	0.000	Pass
2	417.950	5.517	0.000	0.000	Pass
3	417.583	6.133	0.000	0.000	Pass
4	424.933	5.933	0.000	0.000	Pass
5	417.533	6.367	0.000	0.000	Pass
6	419.417	5.550	0.000	0.000	Pass
7	419.000	5.067	0.000	0.000	Pass
8	417.117	5.583	0.000	0.000	Pass
9	426.383	5.550	0.000	0.000	Pass
10	419.783	5.500	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.09.15 11:02:22
Results file name:	09FL0222.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5141.954 +-	3.238
Doubles:	885.628 +-	2.795
Triples:	0.000 +-	0.000
Scaler 1:	42.457 +-	0.164
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	309674	155624	102521	2556	0	Pass
2	308222	153446	100788	2530	0	Pass
3	307531	153662	100488	2534	0	Pass
4	307976	153681	101247	2507	0	Pass
5	308406	154894	100758	2616	0	Pass
6	308485	154088	101378	2540	0	Pass
7	308039	154737	101025	2557	0	Pass
8	308685	154125	101176	2515	0	Pass
9	308933	155139	102161	2572	0	Pass
10	307850	153915	101336	2547	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5163.538	886.632	0.000	0.000	Pass
2	5139.316	879.194	0.000	0.000	Pass
3	5127.789	887.806	0.000	0.000	Pass
4	5135.213	875.453	0.000	0.000	Pass
5	5142.386	903.873	0.000	0.000	Pass
6	5143.703	880.064	0.000	0.000	Pass
7	5136.263	896.791	0.000	0.000	Pass
8	5147.040	884.055	0.000	0.000	Pass
9	5151.177	884.541	0.000	0.000	Pass
10	5133.111	877.874	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.09.15 10:47:07
Results file name:	09FK4707.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.09.15	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.09.15	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	5.020 +-	0.135
Doubles:	-0.003 +-	0.003
Triples:	0.000 +-	0.000
Scaler 1:	294.863 +-	0.779
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	325	0	1	17615	0	Pass
2	274	0	0	17620	0	Pass
3	294	0	0	17836	0	Pass
4	298	0	0	17619	0	Pass
5	278	1	0	17808	0	Pass
6	279	0	0	17482	0	Pass
7	344	0	1	17652	0	Pass
8	336	0	1	17911	0	Pass
9	304	0	0	17526	0	Pass
10	280	0	0	17849	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.417	-0.017	0.000	0.000	Pass
2	4.567	0.000	0.000	0.000	Pass
3	4.900	0.000	0.000	0.000	Pass
4	4.967	0.000	0.000	0.000	Pass
5	4.633	0.017	0.000	0.000	Pass
6	4.650	0.000	0.000	0.000	Pass
7	5.733	-0.017	0.000	0.000	Pass
8	5.600	-0.017	0.000	0.000	Pass
9	5.067	0.000	0.000	0.000	Pass
10	4.667	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.10.16 15:40:41
Results file name:	OAGP4041.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	335.478 +-	0.864
Doubles:	3.472 +-	0.288
Triples:	0.000 +-	0.000
Scaler 1:	7.143 +-	0.101
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	20085	683	394	428	0	Pass
2	20443	698	431	458	0	Pass
3	20298	567	452	462	0	Pass
4	20046	622	464	419	0	Pass
5	20075	646	418	430	0	Pass
6	20002	651	420	434	0	Pass
7	20235	668	426	402	0	Pass
8	20012	644	461	414	0	Pass
9	20200	651	435	412	0	Pass
10	19891	598	444	427	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	334.750	4.817	0.000	0.000	Pass
2	340.717	4.450	0.000	0.000	Pass
3	338.300	1.917	0.000	0.000	Pass
4	334.100	2.633	0.000	0.000	Pass
5	334.583	3.800	0.000	0.000	Pass
6	333.367	3.850	0.000	0.000	Pass
7	337.250	4.033	0.000	0.000	Pass
8	333.533	3.050	0.000	0.000	Pass
9	336.667	3.600	0.000	0.000	Pass
10	331.517	2.567	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.10.16 15:27:38
Results file name:	OAGP2738.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

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Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	6148.243 +-	2.568
Doubles:	1317.023 +-	4.898
Triples:	0.000 +-	0.000
Scaler 1:	20.283 +-	0.290
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	368954	224048	145867	1271	0	Pass
2	368843	224502	145454	1252	0	Pass
3	368378	223640	145169	1129	0	Pass
4	368947	223284	144715	1232	0	Pass
5	369159	225546	145239	1220	0	Pass
6	367976	221949	144312	1231	0	Pass
7	368304	223674	144866	1159	0	Pass
8	368898	225171	145329	1186	0	Pass
9	367801	222099	144859	1312	0	Pass
10	368048	222863	143865	1178	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6155.310	1308.175	0.000	0.000	Pass
2	6153.457	1322.681	0.000	0.000	Pass
3	6145.691	1313.020	0.000	0.000	Pass
4	6155.193	1314.667	0.000	0.000	Pass
5	6158.734	1343.752	0.000	0.000	Pass
6	6138.978	1299.059	0.000	0.000	Pass
7	6144.456	1318.657	0.000	0.000	Pass
8	6154.375	1335.967	0.000	0.000	Pass
9	6136.056	1292.414	0.000	0.000	Pass
10	6140.181	1321.833	0.000	0.000	Pass

(2)

202010_AFAS-B_Top Fork.txt

INCC 5.1.2

Facility:	JMOX			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.10.16 15:14:34			
Results file name:	OAGP1434.VER			
Inspection number:				
Item id:	BWR TF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0080			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

(1)

202010_AFAS-B_Top Fork.txt

Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive error messages

Known alpha analysis error

Results

Singles:	172.810 +-	0.533
Doubles:	0.980 +-	0.134
Triples:	0.000 +-	0.000
Scaler 1:	320.933 +-	0.528
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	10440	210	127	19388	0	Pass
2	10316	178	113	19223	0	Pass
3	10470	164	147	19348	0	Pass
4	10368	156	114	19333	0	Pass
5	10431	186	108	19174	0	Pass
6	10255	166	97	19300	0	Pass
7	10171	156	94	19041	0	Pass
8	10375	139	114	19212	0	Pass
9	10502	201	104	19273	0	Pass
10	10358	161	111	19268	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	174.000	1.383	0.000	0.000	Pass
2	171.933	1.083	0.000	0.000	Pass
3	174.500	0.283	0.000	0.000	Pass
4	172.800	0.700	0.000	0.000	Pass
5	173.850	1.300	0.000	0.000	Pass
6	170.917	1.150	0.000	0.000	Pass
7	169.517	1.033	0.000	0.000	Pass
8	172.917	0.417	0.000	0.000	Pass
9	175.033	1.617	0.000	0.000	Pass
10	172.633	0.833	0.000	0.000	Pass

(2)

202010_AFAS-P_Bottom Fork.txt

INCC 5.1.2

Facility:	JMOX			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_03			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.10.16 16:18:52			
Results file name:	OAGQ1852.VER			
Inspection number:				
Item id:	PWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0127			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

(1)

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	411.687 +-	0.475
Doubles:	5.338 +-	0.116
Triples:	0.000 +-	0.000
Scaler 1:	312.028 +-	1.062
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	24602	955	628	18527	0	Pass
2	24731	948	653	18884	0	Pass
3	24548	1001	655	18529	0	Pass
4	24696	992	647	18943	0	Pass
5	24813	991	642	18934	0	Pass
6	24717	967	649	18877	0	Pass
7	24676	970	665	18595	0	Pass
8	24631	1008	680	18914	0	Pass
9	24826	950	651	18526	0	Pass
10	24772	983	692	18488	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	410.033	5.450	0.000	0.000	Pass
2	412.183	4.917	0.000	0.000	Pass
3	409.133	5.767	0.000	0.000	Pass
4	411.600	5.750	0.000	0.000	Pass
5	413.550	5.817	0.000	0.000	Pass
6	411.950	5.300	0.000	0.000	Pass
7	411.267	5.083	0.000	0.000	Pass
8	410.517	5.467	0.000	0.000	Pass
9	413.767	4.983	0.000	0.000	Pass
10	412.867	4.850	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.10.16 16:03:48
Results file name:	OAGQ0348.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	5024.942 +-	5.250
Doubles:	858.192 +-	3.126
Triples:	0.000 +-	0.000
Scaler 1:	41.295 +-	0.221
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	226510	110034	71740	1920	0	Fail A/S test
2	301765	148484	97139	2476	0	Pass
3	300467	146719	97826	2491	0	Fail A/S test
4	301732	148647	97163	2442	0	Pass
5	302992	149639	98046	2448	0	Pass
6	300327	148026	96606	2452	0	Pass
7	300645	147861	96307	2489	0	Pass
8	300061	147009	95811	2450	0	Pass
9	301077	147798	96779	2539	0	Pass
10	301063	148958	96403	2423	0	Pass
11	301074	146989	96809	2533	0	Pass
12	302920	149555	97882	2525	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	3776.399	639.067	0.000	0.000	Fail A/S test
2	5031.605	857.240	0.000	0.000	Pass
3	5009.953	816.296	0.000	0.000	Fail A/S test
4	5031.054	859.561	0.000	0.000	Pass
5	5052.073	861.387	0.000	0.000	Pass
6	5007.617	858.485	0.000	0.000	Pass
7	5012.922	860.724	0.000	0.000	Pass
8	5003.180	854.778	0.000	0.000	Pass
9	5020.128	851.794	0.000	0.000	Pass
10	5019.895	877.438	0.000	0.000	Pass
11	5020.078	837.786	0.000	0.000	Pass
12	5050.872	862.722	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.10.16 15:52:45
Results file name:	OAGP5245.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.10.16	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.10.16	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	5.205 +-	0.074
Doubles:	0.002 +-	0.003
Triples:	0.000 +-	0.000
Scaler 1:	287.687 +-	0.741
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	300	1	0	17209	0	Pass
2	297	0	0	17497	0	Pass
3	303	1	0	17166	0	Pass
4	313	0	0	17107	0	Pass
5	299	0	0	17206	0	Pass
6	331	0	0	17353	0	Pass
7	324	0	0	17205	0	Pass
8	309	0	1	17372	0	Pass
9	337	0	0	17421	0	Pass
10	310	0	0	17076	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.000	0.017	0.000	0.000	Pass
2	4.950	0.000	0.000	0.000	Pass
3	5.050	0.017	0.000	0.000	Pass
4	5.217	0.000	0.000	0.000	Pass
5	4.983	0.000	0.000	0.000	Pass
6	5.517	0.000	0.000	0.000	Pass
7	5.400	0.000	0.000	0.000	Pass
8	5.150	-0.017	0.000	0.000	Pass
9	5.617	0.000	0.000	0.000	Pass
10	5.167	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 09:57:07
Results file name:	OB4J5707.VER
Inspection number:	
Item id:	BWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	330.510 +-	0.658
Doubles:	4.003 +-	0.151
Triples:	0.000 +-	0.000
Scaler 1:	7.957 +-	0.113
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	19964	640	429	470	0	Pass
2	19674	653	421	461	0	Pass
3	19950	660	469	480	0	Pass
4	19858	624	413	452	0	Pass
5	19794	660	394	490	0	Pass
6	19928	661	401	488	0	Pass
7	19894	646	413	464	0	Pass
8	19579	661	388	512	0	Pass
9	19783	652	392	451	0	Pass
10	19882	693	428	506	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	332.733	3.517	0.000	0.000	Pass
2	327.900	3.867	0.000	0.000	Pass
3	332.500	3.183	0.000	0.000	Pass
4	330.967	3.517	0.000	0.000	Pass
5	329.900	4.433	0.000	0.000	Pass
6	332.133	4.333	0.000	0.000	Pass
7	331.567	3.883	0.000	0.000	Pass
8	326.317	4.550	0.000	0.000	Pass
9	329.717	4.333	0.000	0.000	Pass
10	331.367	4.417	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 09:41:59
Results file name:	OB4J4159.VER
Inspection number:	
Item id:	BWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	6064.967 +-	4.367
Doubles:	1300.361 +-	3.251
Triples:	0.000 +-	0.000
Scaler 1:	20.283 +-	0.136
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	363123	218423	140324	1215	0	Pass
2	364617	219470	142138	1232	0	Pass
3	364286	218369	141744	1192	0	Pass
4	362993	218337	140502	1175	0	Pass
5	364837	220077	142456	1255	0	Pass
6	362379	217837	139974	1190	0	Pass
7	362729	218171	140492	1213	0	Pass
8	363759	218984	140134	1244	0	Pass
9	363072	217669	140563	1239	0	Pass
10	363645	218903	140728	1215	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	6057.936	1306.721	0.000	0.000	Pass
2	6082.885	1293.909	0.000	0.000	Pass
3	6077.357	1282.075	0.000	0.000	Pass
4	6055.765	1302.302	0.000	0.000	Pass
5	6086.559	1298.748	0.000	0.000	Pass
6	6045.512	1302.762	0.000	0.000	Pass
7	6051.357	1299.689	0.000	0.000	Pass
8	6068.557	1319.296	0.000	0.000	Pass
9	6057.085	1290.106	0.000	0.000	Pass
10	6066.653	1308.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 09:25:54
Results file name:	OB4J2554.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	174.745 +-	0.446
Doubles:	0.852 +-	0.109
Triples:	0.000 +-	0.000
Scaler 1:	316.128 +-	0.445
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	10406	165	112	18870	0	Pass
2	10535	165	115	19035	0	Pass
3	10564	179	112	18922	0	Pass
4	10490	148	116	18997	0	Pass
5	10534	162	122	18937	0	Pass
6	10384	196	110	18907	0	Pass
7	10578	180	140	19034	0	Pass
8	10476	160	112	19147	0	Pass
9	10550	153	135	18908	0	Pass
10	10330	192	115	18920	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	173.433	0.883	0.000	0.000	Pass
2	175.583	0.833	0.000	0.000	Pass
3	176.067	1.117	0.000	0.000	Pass
4	174.833	0.533	0.000	0.000	Pass
5	175.567	0.667	0.000	0.000	Pass
6	173.067	1.433	0.000	0.000	Pass
7	176.300	0.667	0.000	0.000	Pass
8	174.600	0.800	0.000	0.000	Pass
9	175.833	0.300	0.000	0.000	Pass
10	172.167	1.283	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 10:43:51
Results file name:	OB4K4351.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	413.758 +-	0.676
Doubles:	5.500 +-	0.200
Triples:	0.000 +-	0.000
Scaler 1:	307.518 +-	0.817
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	25003	1020	683	18305	0	Pass
2	24587	888	646	18314	0	Pass
3	24714	989	613	18586	0	Pass
4	24803	957	637	18388	0	Pass
5	24792	982	654	18573	0	Pass
6	24956	1006	641	18591	0	Pass
7	24838	995	688	18318	0	Pass
8	24953	1019	656	18676	0	Pass
9	24730	989	649	18523	0	Pass
10	24879	971	649	18237	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	416.717	5.617	0.000	0.000	Pass
2	409.783	4.033	0.000	0.000	Pass
3	411.900	6.267	0.000	0.000	Pass
4	413.383	5.333	0.000	0.000	Pass
5	413.200	5.467	0.000	0.000	Pass
6	415.933	6.083	0.000	0.000	Pass
7	413.967	5.117	0.000	0.000	Pass
8	415.883	6.050	0.000	0.000	Pass
9	412.167	5.667	0.000	0.000	Pass
10	414.650	5.367	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 10:27:46
Results file name:	OB4K2746.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	4962.335 +-	5.653
Doubles:	849.610 +-	2.329
Triples:	0.000 +-	0.000
Scaler 1:	41.673 +-	0.320
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	298101	144876	94668	2570	0	Pass
2	296981	145144	94148	2419	0	Pass
3	296903	144883	93798	2537	0	Pass
4	299002	146752	95417	2463	0	Pass
5	298805	146677	95033	2510	0	Pass
6	297558	144586	93889	2569	0	Pass
7	298773	146513	95330	2508	0	Pass
8	297448	144590	94093	2403	0	Pass
9	296946	144721	93939	2466	0	Pass
10	295607	143297	92832	2559	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4970.485	838.240	0.000	0.000	Pass
2	4951.803	851.390	0.000	0.000	Pass
3	4950.502	852.875	0.000	0.000	Pass
4	4985.515	857.060	0.000	0.000	Pass
5	4982.229	862.218	0.000	0.000	Pass
6	4961.428	846.401	0.000	0.000	Pass
7	4981.695	854.521	0.000	0.000	Pass
8	4959.593	843.061	0.000	0.000	Pass
9	4951.219	847.817	0.000	0.000	Pass
10	4928.883	842.518	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.11.04 10:13:11
Results file name:	OB4K1311.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.11.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.11.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

202011_AFAS-P_Top Fork.txt

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	5.485 +-	0.094
Doubles:	-0.005 +-	0.003
Triples:	0.000 +-	0.000
Scaler 1:	284.202 +-	0.687
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	306	0	0	17130	0	Pass
2	341	0	1	17059	0	Pass
3	346	0	0	17172	0	Pass
4	343	0	0	17056	0	Pass
5	357	0	0	16969	0	Pass
6	326	0	0	16935	0	Pass
7	314	0	0	16894	0	Pass
8	304	0	0	17196	0	Pass
9	322	0	1	16873	0	Pass
10	332	0	1	17237	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.100	0.000	0.000	0.000	Pass
2	5.683	-0.017	0.000	0.000	Pass
3	5.767	0.000	0.000	0.000	Pass
4	5.717	0.000	0.000	0.000	Pass
5	5.950	0.000	0.000	0.000	Pass
6	5.433	0.000	0.000	0.000	Pass
7	5.233	0.000	0.000	0.000	Pass
8	5.067	0.000	0.000	0.000	Pass
9	5.367	-0.017	0.000	0.000	Pass
10	5.533	-0.017	0.000	0.000	Pass

(2)

202012_AFAS-B_Bottom Fork.txt

INCC 5.1.2

Facility:	PFPF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_02			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.12.02 10:06:01			
Results file name:	OC2K0601.VER			
Inspection number:				
Item id:	BWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.02	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0060			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

(1)

202012_AFAS-B_Bottom Fork.txt

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	324.142 +-	0.624
Doubles:	3.645 +-	0.217
Triples:	0.000 +-	0.000
Scaler 1:	7.048 +-	0.095
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	19359	606	351	430	0	Pass
2	19359	596	348	391	0	Pass
3	19445	585	397	421	0	Pass
4	19668	620	405	439	0	Pass
5	19601	662	393	446	0	Pass
6	19418	581	385	431	0	Pass
7	19499	658	394	416	0	Pass
8	19477	620	393	434	0	Pass
9	19274	604	424	394	0	Pass
10	19385	594	449	427	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	322.650	4.250	0.000	0.000	Pass
2	322.650	4.133	0.000	0.000	Pass
3	324.083	3.133	0.000	0.000	Pass
4	327.800	3.583	0.000	0.000	Pass
5	326.683	4.483	0.000	0.000	Pass
6	323.633	3.267	0.000	0.000	Pass
7	324.983	4.400	0.000	0.000	Pass
8	324.617	3.783	0.000	0.000	Pass
9	321.233	3.000	0.000	0.000	Pass
10	323.083	2.417	0.000	0.000	Pass

(2)

202012_AFAS-B_Collar_rev1.txt

INCC 5.1.2

Facility:	JMOX			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	20.12.24 13:40:17			
Results file name:	OCON4017.VER			
Inspection number:				
Item id:	BWR COLLAR			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.24	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.24	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1970			
Multiplicity deadtime:	160.0000			
Coefficient A deadtime:	0.6419			
Coefficient B deadtime:	0.1030			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

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Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	5857.026 +-	2.537
Doubles:	1247.446 +-	4.075
Triples:	0.000 +-	0.000
Scaler 1:	19.582 +-	0.241
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	351872	206755	132056	1221	0	Pass
2	350982	206537	131736	1173	0	Pass
3	351435	205626	131309	1114	0	Pass
4	351066	206338	131677	1196	0	Pass
5	351309	205987	131054	1232	0	Pass
6	351584	206274	132530	1228	0	Pass
7	351026	207230	130871	1161	0	Pass
8	350500	205225	131378	1183	0	Pass
9	350296	204400	130642	1132	0	Pass
10	350844	206370	131830	1109	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5870.060	1249.683	0.000	0.000	Pass
2	5855.199	1251.378	0.000	0.000	Pass
3	5862.763	1243.287	0.000	0.000	Pass
4	5856.602	1249.037	0.000	0.000	Pass
5	5860.659	1253.590	0.000	0.000	Pass
6	5865.251	1233.703	0.000	0.000	Pass
7	5855.934	1277.443	0.000	0.000	Pass
8	5847.151	1235.411	0.000	0.000	Pass
9	5843.744	1233.920	0.000	0.000	Pass
10	5852.895	1247.010	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.12.02 09:33:45
Results file name:	OC2J3345.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	169.678 +-	0.662
Doubles:	0.872 +-	0.095
Triples:	0.000 +-	0.000
Scaler 1:	309.567 +-	0.691
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	10180	176	89	18382	0	Pass
2	10279	148	110	18400	0	Pass
3	10248	160	108	18574	0	Pass
4	10111	152	109	18807	0	Pass
5	9936	161	97	18599	0	Pass
6	10322	150	120	18522	0	Pass
7	10194	163	103	18738	0	Pass
8	10024	165	116	18536	0	Pass
9	10198	171	102	18615	0	Pass
10	10315	156	125	18567	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	169.667	1.450	0.000	0.000	Pass
2	171.317	0.633	0.000	0.000	Pass
3	170.800	0.867	0.000	0.000	Pass
4	168.517	0.717	0.000	0.000	Pass
5	165.600	1.067	0.000	0.000	Pass
6	172.033	0.500	0.000	0.000	Pass
7	169.900	1.000	0.000	0.000	Pass
8	167.067	0.817	0.000	0.000	Pass
9	169.967	1.150	0.000	0.000	Pass
10	171.917	0.517	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.12.02 10:52:03
Results file name:	OC2K5203.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	403.167 +-	1.112
Doubles:	5.177 +-	0.281
Triples:	0.000 +-	0.000
Scaler 1:	299.642 +-	0.598
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	24444	897	588	17928	0	Pass
2	24274	908	587	18072	0	Pass
3	24131	881	602	18111	0	Pass
4	24236	937	628	17875	0	Pass
5	24138	961	656	17818	0	Pass
6	24369	932	624	17866	0	Pass
7	24004	893	619	18143	0	Pass
8	24394	1015	609	18062	0	Pass
9	24181	878	663	17992	0	Pass
10	23729	928	548	17918	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	407.400	5.150	0.000	0.000	Pass
2	404.567	5.350	0.000	0.000	Pass
3	402.183	4.650	0.000	0.000	Pass
4	403.933	5.150	0.000	0.000	Pass
5	402.300	5.083	0.000	0.000	Pass
6	406.150	5.133	0.000	0.000	Pass
7	400.067	4.567	0.000	0.000	Pass
8	406.567	6.767	0.000	0.000	Pass
9	403.017	3.583	0.000	0.000	Pass
10	395.483	6.333	0.000	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.12.24 14:00:53
Results file name:	0C000053.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.24	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.24	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	4779.788 +-	3.741
Doubles:	815.665 +-	3.510
Triples:	0.000 +-	0.000
Scaler 1:	40.053 +-	0.169
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	287200	136994	88052	2478	0	Pass
2	286701	136862	87820	2403	0	Pass
3	287458	138125	88006	2406	0	Pass
4	286983	137420	88315	2394	0	Pass
5	286389	136157	87891	2404	0	Pass
6	287201	136465	87597	2383	0	Pass
7	286123	135872	87032	2401	0	Pass
8	287111	136853	88122	2427	0	Pass
9	285047	134233	86724	2359	0	Pass
10	286475	136318	87149	2377	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4788.649	817.052	0.000	0.000	Pass
2	4780.325	818.719	0.000	0.000	Pass
3	4792.952	836.702	0.000	0.000	Pass
4	4785.029	819.772	0.000	0.000	Pass
5	4775.121	805.763	0.000	0.000	Pass
6	4788.665	815.816	0.000	0.000	Pass
7	4770.684	815.344	0.000	0.000	Pass
8	4787.164	813.529	0.000	0.000	Pass
9	4752.736	793.119	0.000	0.000	Pass
10	4776.555	820.838	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	20.12.02 10:21:06
Results file name:	0C2K2106.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		20.12.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		20.12.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	5.082 +-	0.061
Doubles:	0.003 +-	0.002
Triples:	0.000 +-	0.000
Scaler 1:	278.678 +-	0.715
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	308	0	0	16882	0	Pass
2	317	0	0	16622	0	Pass
3	302	0	0	16652	0	Pass
4	302	0	0	16719	0	Pass
5	286	1	0	16636	0	Pass
6	296	0	0	16703	0	Pass
7	310	0	0	16684	0	Pass
8	291	1	0	17019	0	Pass
9	322	0	0	16556	0	Pass
10	315	0	0	16734	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.133	0.000	0.000	0.000	Pass
2	5.283	0.000	0.000	0.000	Pass
3	5.033	0.000	0.000	0.000	Pass
4	5.033	0.000	0.000	0.000	Pass
5	4.767	0.017	0.000	0.000	Pass
6	4.933	0.000	0.000	0.000	Pass
7	5.167	0.000	0.000	0.000	Pass
8	4.850	0.017	0.000	0.000	Pass
9	5.367	0.000	0.000	0.000	Pass
10	5.250	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_02			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.01.05 10:31:06			
Results file name:	115K3106.VER			
Inspection number:				
Item id:	BWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.01.05	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.01.05	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0060			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	316.260 +-	0.649
Doubles:	3.458 +-	0.147
Triples:	0.000 +-	0.000
Scaler 1:	7.127 +-	0.066
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	18942	540	375	439	0	Pass
2	18822	583	371	417	0	Pass
3	18870	630	376	427	0	Pass
4	18794	590	362	417	0	Pass
5	18995	597	386	411	0	Pass
6	19071	602	403	447	0	Pass
7	19147	597	418	417	0	Pass
8	19032	609	421	423	0	Pass
9	19133	609	412	441	0	Pass
10	18950	610	368	437	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	315.700	2.750	0.000	0.000	Pass
2	313.700	3.533	0.000	0.000	Pass
3	314.500	4.233	0.000	0.000	Pass
4	313.233	3.800	0.000	0.000	Pass
5	316.583	3.517	0.000	0.000	Pass
6	317.850	3.317	0.000	0.000	Pass
7	319.117	2.983	0.000	0.000	Pass
8	317.200	3.133	0.000	0.000	Pass
9	318.883	3.283	0.000	0.000	Pass
10	315.833	4.033	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.01.05 10:16:02			
Results file name:	115K1602.VER			
Inspection number:				
Item id:	BWR COLLAR			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.01.05	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.01.05	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1970			
Multiplicity deadtime:	160.0000			
Coefficient A deadtime:	0.6419			
Coefficient B deadtime:	0.1030			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	5800.275 +-	3.832
Doubles:	1235.498 +-	3.233
Triples:	0.000 +-	0.000
Scaler 1:	19.220 +-	0.105
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	346793	202175	128814	1145	0	Pass
2	348638	204106	129726	1129	0	Pass
3	348176	203133	128609	1163	0	Pass
4	347405	203240	128604	1135	0	Pass
5	348449	202995	129490	1168	0	Pass
6	347224	203011	129455	1171	0	Pass
7	347284	203163	128893	1143	0	Pass
8	347123	202218	128393	1193	0	Pass
9	347100	200841	128167	1140	0	Pass
10	348735	203303	129490	1145	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5785.252	1227.232	0.000	0.000	Pass
2	5816.059	1244.303	0.000	0.000	Pass
3	5808.345	1246.706	0.000	0.000	Pass
4	5795.471	1248.570	0.000	0.000	Pass
5	5812.903	1229.663	0.000	0.000	Pass
6	5792.448	1230.500	0.000	0.000	Pass
7	5793.450	1242.445	0.000	0.000	Pass
8	5790.762	1234.999	0.000	0.000	Pass
9	5790.378	1215.744	0.000	0.000	Pass
10	5817.679	1234.819	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.01.05 09:59:58
Results file name:	115J5958.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.01.05	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.01.05	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	164.902 +-	0.593
Doubles:	0.915 +-	0.088
Triples:	0.000 +-	0.000
Scaler 1:	302.458 +-	0.545
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	9913	156	111	18050	0	Pass
2	9973	178	120	18057	0	Pass
3	9881	150	93	17981	0	Pass
4	9696	160	87	18077	0	Pass
5	9865	154	116	18132	0	Pass
6	9851	165	111	18300	0	Pass
7	9762	175	87	18205	0	Pass
8	9903	131	100	18208	0	Pass
9	10054	178	118	18209	0	Pass
10	10043	155	110	18256	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	165.217	0.750	0.000	0.000	Pass
2	166.217	0.967	0.000	0.000	Pass
3	164.683	0.950	0.000	0.000	Pass
4	161.600	1.217	0.000	0.000	Pass
5	164.417	0.633	0.000	0.000	Pass
6	164.183	0.900	0.000	0.000	Pass
7	162.700	1.467	0.000	0.000	Pass
8	165.050	0.517	0.000	0.000	Pass
9	167.567	1.000	0.000	0.000	Pass
10	167.383	0.750	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.01.05 11:22:20
Results file name:	115L2220.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.01.05	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.01.05	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	392.763 +-	0.997
Doubles:	5.055 +-	0.313
Triples:	0.000 +-	0.000
Scaler 1:	291.595 +-	0.713
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	23530	869	560	17702	0	Pass
2	23422	835	603	17497	0	Pass
3	23930	881	655	17498	0	Pass
4	23544	923	539	17376	0	Pass
5	23746	926	619	17579	0	Pass
6	23719	916	608	17329	0	Pass
7	23279	860	553	17311	0	Pass
8	23416	932	527	17639	0	Pass
9	23488	852	609	17608	0	Pass
10	23584	910	598	17418	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	392.167	5.150	0.000	0.000	Pass
2	390.367	3.867	0.000	0.000	Pass
3	398.833	3.767	0.000	0.000	Pass
4	392.400	6.400	0.000	0.000	Pass
5	395.767	5.117	0.000	0.000	Pass
6	395.317	5.133	0.000	0.000	Pass
7	387.983	5.117	0.000	0.000	Pass
8	390.267	6.750	0.000	0.000	Pass
9	391.467	4.050	0.000	0.000	Pass
10	393.067	5.200	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.01.05 11:07:16
Results file name:	115L0716.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000	
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu date:	00.01.01		21.01.05		
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Am date:	00.01.01		21.01.05		

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	4747.668 +-	2.007
Doubles:	810.338 +-	3.523
Triples:	0.000 +-	0.000
Scaler 1:	39.045 +-	0.225
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	284441	135623	86247	2348	0	Pass
2	284319	135056	86516	2370	0	Pass
3	284657	135056	86560	2293	0	Pass
4	284613	135138	86191	2381	0	Pass
5	284275	134508	87058	2429	0	Pass
6	284923	135232	86781	2328	0	Pass
7	284645	134530	87054	2319	0	Pass
8	285497	135920	87187	2351	0	Pass
9	285108	135897	86477	2318	0	Pass
10	284954	135329	86813	2290	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4742.627	824.284	0.000	0.000	Pass
2	4740.592	810.327	0.000	0.000	Pass
3	4746.230	809.594	0.000	0.000	Pass
4	4745.496	817.123	0.000	0.000	Pass
5	4739.858	792.131	0.000	0.000	Pass
6	4750.667	808.844	0.000	0.000	Pass
7	4746.030	792.566	0.000	0.000	Pass
8	4760.242	813.555	0.000	0.000	Pass
9	4753.753	825.022	0.000	0.000	Pass
10	4751.184	809.930	0.000	0.000	Pass

INCC 5.1.2

Facility:	PFPF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.01.05 13:10:49
Results file name:	115N1049.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default				
Isotopics source code:	OD				
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000	
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Pu date:	00.01.01		21.01.05		
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000	
Am date:	00.01.01		21.01.05		

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	4.878 +-	0.123
Doubles:	0.002 +-	0.003
Triples:	0.000 +-	0.000
Scaler 1:	272.455 +-	0.837
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	328	0	0	16535	0	Pass
2	272	0	0	16200	0	Pass
3	260	0	0	16369	0	Pass
4	304	0	0	16310	0	Pass
5	311	0	1	16520	0	Pass
6	264	0	0	16131	0	Pass
7	284	0	0	16611	0	Pass
8	317	0	0	16249	0	Pass
9	283	1	0	16245	0	Pass
10	304	1	0	16303	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5.467	0.000	0.000	0.000	Pass
2	4.533	0.000	0.000	0.000	Pass
3	4.333	0.000	0.000	0.000	Pass
4	5.067	0.000	0.000	0.000	Pass
5	5.183	-0.017	0.000	0.000	Pass
6	4.400	0.000	0.000	0.000	Pass
7	4.733	0.000	0.000	0.000	Pass
8	5.283	0.000	0.000	0.000	Pass
9	4.717	0.017	0.000	0.000	Pass
10	5.067	0.017	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_02			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.02.02 09:55:04			
Results file name:	122J5504.VER			
Inspection number:				
Item id:	BWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0060			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	310.612 +-	0.705
Doubles:	3.545 +-	0.138
Triples:	0.000 +-	0.000
Scaler 1:	6.990 +-	0.140
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	18501	592	393	391	0	Pass
2	18539	559	384	427	0	Pass
3	18777	590	375	397	0	Pass
4	18712	574	383	421	0	Pass
5	18592	607	350	400	0	Pass
6	18516	589	359	404	0	Pass
7	18800	574	379	392	0	Pass
8	18448	582	384	458	0	Pass
9	18682	597	378	448	0	Pass
10	18800	621	373	456	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	308.350	3.317	0.000	0.000	Pass
2	308.983	2.917	0.000	0.000	Pass
3	312.950	3.583	0.000	0.000	Pass
4	311.867	3.183	0.000	0.000	Pass
5	309.867	4.283	0.000	0.000	Pass
6	308.600	3.833	0.000	0.000	Pass
7	313.333	3.250	0.000	0.000	Pass
8	307.467	3.300	0.000	0.000	Pass
9	311.367	3.650	0.000	0.000	Pass
10	313.333	4.133	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.02.02 09:40:12			
Results file name:	122J4012.VER			
Inspection number:				
Item id:	BWR COLLAR			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1970			
Multiplicity deadtime:	160.0000			
Coefficient A deadtime:	0.6419			
Coefficient B deadtime:	0.1030			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	5690.583 +-	3.847
Doubles:	1217.471 +-	2.937
Triples:	0.000 +-	0.000
Scaler 1:	18.983 +-	0.162
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	341323	196507	124596	1119	0	Pass
2	340177	196293	123324	1076	0	Pass
3	339794	196067	123069	1198	0	Pass
4	340902	196290	124255	1141	0	Pass
5	341660	197437	124588	1139	0	Pass
6	341761	197499	124894	1128	0	Pass
7	340793	195957	123335	1140	0	Pass
8	342049	197828	124278	1143	0	Pass
9	341050	196572	123915	1159	0	Pass
10	341724	197449	123826	1147	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5693.917	1202.905	0.000	0.000	Pass
2	5674.782	1220.588	0.000	0.000	Pass
3	5668.387	1221.068	0.000	0.000	Pass
4	5686.887	1204.974	0.000	0.000	Pass
5	5699.544	1218.600	0.000	0.000	Pass
6	5701.230	1214.520	0.000	0.000	Pass
7	5685.068	1214.792	0.000	0.000	Pass
8	5706.039	1230.331	0.000	0.000	Pass
9	5689.359	1215.380	0.000	0.000	Pass
10	5700.613	1231.548	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.02.02 10:56:33
Results file name:	122K5633.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	163.150 +-	0.390
Doubles:	1.022 +-	0.051
Triples:	0.000 +-	0.000
Scaler 1:	296.212 +-	0.472
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	9749	166	102	17674	0	Pass
2	9798	174	101	17822	0	Pass
3	9689	146	89	17841	0	Pass
4	9737	165	108	17729	0	Pass
5	9726	157	93	17634	0	Pass
6	9885	175	105	17865	0	Pass
7	9934	155	105	17676	0	Pass
8	9809	154	110	17829	0	Pass
9	9774	149	75	17888	0	Pass
10	9789	149	89	17769	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	162.483	1.067	0.000	0.000	Pass
2	163.300	1.217	0.000	0.000	Pass
3	161.483	0.950	0.000	0.000	Pass
4	162.283	0.950	0.000	0.000	Pass
5	162.100	1.067	0.000	0.000	Pass
6	164.750	1.167	0.000	0.000	Pass
7	165.567	0.833	0.000	0.000	Pass
8	163.483	0.733	0.000	0.000	Pass
9	162.900	1.233	0.000	0.000	Pass
10	163.150	1.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.02.02 10:41:16
Results file name:	122K4116.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	386.162 +-	0.965
Doubles:	5.073 +-	0.203
Triples:	0.000 +-	0.000
Scaler 1:	287.682 +-	0.695
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	23021	841	579	17471	0	Pass
2	23263	869	587	17266	0	Pass
3	23197	908	578	17174	0	Pass
4	23014	885	579	17218	0	Pass
5	22774	865	544	17229	0	Pass
6	23386	905	563	17461	0	Pass
7	23278	875	614	17337	0	Pass
8	23324	930	553	17196	0	Pass
9	23189	887	590	17220	0	Pass
10	23251	831	565	17037	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	383.683	4.367	0.000	0.000	Pass
2	387.717	4.700	0.000	0.000	Pass
3	386.617	5.500	0.000	0.000	Pass
4	383.567	5.100	0.000	0.000	Pass
5	379.567	5.350	0.000	0.000	Pass
6	389.767	5.700	0.000	0.000	Pass
7	387.967	4.350	0.000	0.000	Pass
8	388.733	6.283	0.000	0.000	Pass
9	386.483	4.950	0.000	0.000	Pass
10	387.517	4.433	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.02.02 10:27:12
Results file name:	122K2712.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	4650.563 +-	3.459
Doubles:	797.331 +-	1.576
Triples:	0.000 +-	0.000
Scaler 1:	38.527 +-	0.334
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	278053	129655	82003	2316	0	Pass
2	279770	131526	83691	2277	0	Pass
3	278023	130288	82418	2364	0	Pass
4	279377	130700	83188	2340	0	Pass
5	278693	130340	83133	2362	0	Pass
6	279704	131571	83497	2231	0	Pass
7	278290	130474	82283	2217	0	Pass
8	279264	131188	83152	2388	0	Pass
9	279322	131465	83770	2249	0	Pass
10	278720	130793	83235	2372	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4636.074	795.474	0.000	0.000	Pass
2	4664.714	798.537	0.000	0.000	Pass
3	4635.574	799.113	0.000	0.000	Pass
4	4658.159	793.143	0.000	0.000	Pass
5	4646.750	788.049	0.000	0.000	Pass
6	4663.613	802.527	0.000	0.000	Pass
7	4640.028	804.473	0.000	0.000	Pass
8	4656.274	801.890	0.000	0.000	Pass
9	4657.241	796.198	0.000	0.000	Pass
10	4647.200	793.908	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.02.02 10:11:08
Results file name:	122K1108.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.02.02	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.02.02	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	4.810 +-	0.114
Doubles:	0.002 +-	0.002
Triples:	0.000 +-	0.000
Scaler 1:	268.205 +-	1.096
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	263	0	0	16054	0	Pass
2	289	0	0	16143	0	Pass
3	300	0	0	16418	0	Pass
4	277	1	0	16016	0	Pass
5	330	0	0	15848	0	Pass
6	278	0	0	15872	0	Pass
7	278	0	0	16382	0	Pass
8	317	0	0	16289	0	Pass
9	288	0	0	15920	0	Pass
10	266	0	0	15981	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4.383	0.000	0.000	0.000	Pass
2	4.817	0.000	0.000	0.000	Pass
3	5.000	0.000	0.000	0.000	Pass
4	4.617	0.017	0.000	0.000	Pass
5	5.500	0.000	0.000	0.000	Pass
6	4.633	0.000	0.000	0.000	Pass
7	4.633	0.000	0.000	0.000	Pass
8	5.283	0.000	0.000	0.000	Pass
9	4.800	0.000	0.000	0.000	Pass
10	4.433	0.000	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_02			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.03.04 10:18:00			
Results file name:	134K1800.VER			
Inspection number:				
Item id:	BWR BF			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.0060			
Multiplicity deadtime:	0.0000			
Coefficient A deadtime:	0.0000			
Coefficient B deadtime:	0.0000			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	303.368 +-	0.568
Doubles:	3.393 +-	0.142
Triples:	0.000 +-	0.000
Scaler 1:	6.937 +-	0.104
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	18369	575	397	420	0	Pass
2	18282	552	336	408	0	Pass
3	18252	573	339	411	0	Pass
4	18048	574	337	369	0	Pass
5	18255	522	335	436	0	Pass
6	18158	542	368	437	0	Pass
7	18311	530	365	407	0	Pass
8	18146	589	353	429	0	Pass
9	18142	532	327	424	0	Pass
10	18058	565	361	421	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	306.150	2.967	0.000	0.000	Pass
2	304.700	3.600	0.000	0.000	Pass
3	304.200	3.900	0.000	0.000	Pass
4	300.800	3.950	0.000	0.000	Pass
5	304.250	3.117	0.000	0.000	Pass
6	302.633	2.900	0.000	0.000	Pass
7	305.183	2.750	0.000	0.000	Pass
8	302.433	3.933	0.000	0.000	Pass
9	302.367	3.417	0.000	0.000	Pass
10	300.967	3.400	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF			
Material balance area:	JM2G			
Detector type:	AFAS			
Detector id:	JSR_01			
Electronics id:	JSR-12			
Inventory change code:				
I/O code:				
Measurement date:	21.03.04 10:02:55			
Results file name:	134K0255.VER			
Inspection number:				
Item id:	BWR COLLAR			
Stratum id:	XXXX			
Material type:	Pu			
Original declared mass:	0.000			
Measurement option:	Verification			
Data source:	Review disk file			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:				
Passive comment:				
Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1970			
Multiplicity deadtime:	160.0000			
Coefficient A deadtime:	0.6419			
Coefficient B deadtime:	0.1030			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.0001			
Triples gate fraction:	0.0001			
Normalization constant:	1.0000 +-	0.0000		
Passive singles bkgrnd:	0.000 +-	0.000		
Passive doubles bkgrnd:	0.000 +-	0.000		
Passive triples bkgrnd:	0.000 +-	0.000		
Passive scaler1 bkgrnd:	0.000			

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	5563.846 +-	1.679
Doubles:	1185.677 +-	2.512
Triples:	0.000 +-	0.000
Scaler 1:	18.557 +-	0.133
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	333595	189468	118777	1157	0	Pass
2	333152	189546	118264	1095	0	Pass
3	333222	189864	118862	1082	0	Pass
4	333784	189599	118662	1112	0	Pass
5	333379	189139	118969	1114	0	Pass
6	333973	190012	119138	1076	0	Pass
7	333466	188974	118638	1143	0	Pass
8	334083	190704	119590	1123	0	Pass
9	333354	189642	117813	1125	0	Pass
10	333320	189329	118694	1107	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5564.884	1182.399	0.000	0.000	Pass
2	5557.487	1192.279	0.000	0.000	Pass
3	5558.656	1187.597	0.000	0.000	Pass
4	5568.040	1186.517	0.000	0.000	Pass
5	5561.278	1173.682	0.000	0.000	Pass
6	5571.195	1185.465	0.000	0.000	Pass
7	5562.730	1176.460	0.000	0.000	Pass
8	5573.032	1189.481	0.000	0.000	Pass
9	5560.860	1201.431	0.000	0.000	Pass
10	5560.292	1181.459	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_01
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.03.04 11:23:16
Results file name:	134L2316.VER
Inspection number:	
Item id:	BWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

Known alpha analysis error

Results

Singles:	159.900 +-	0.343
Doubles:	0.758 +-	0.089
Triples:	0.000 +-	0.000
Scaler 1:	292.047 +-	0.593
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	9504	154	118	17672	0	Pass
2	9608	137	108	17451	0	Pass
3	9518	116	101	17619	0	Pass
4	9664	160	86	17545	0	Pass
5	9597	141	97	17488	0	Pass
6	9580	165	109	17650	0	Pass
7	9534	141	82	17511	0	Pass
8	9575	132	83	17281	0	Pass
9	9673	151	95	17504	0	Pass
10	9687	139	102	17507	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	158.400	0.600	0.000	0.000	Pass
2	160.133	0.483	0.000	0.000	Pass
3	158.633	0.250	0.000	0.000	Pass
4	161.067	1.233	0.000	0.000	Pass
5	159.950	0.733	0.000	0.000	Pass
6	159.667	0.933	0.000	0.000	Pass
7	158.900	0.983	0.000	0.000	Pass
8	159.583	0.817	0.000	0.000	Pass
9	161.217	0.933	0.000	0.000	Pass
10	161.450	0.617	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.03.04 11:05:12
Results file name:	134L0512.VER
Inspection number:	
Item id:	PWR BF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	OD			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +- 0.000
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	376.011 +-	0.665
Doubles:	5.046 +-	0.212
Triples:	0.000 +-	0.000
Scaler 1:	280.160 +-	0.390
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	22265	789	567	16827	0	Pass
2	22648	830	544	16909	0	Pass
3	22603	875	574	16702	0	Pass
4	22595	875	541	16741	0	Pass
5	22647	874	522	16910	0	Pass
6	22495	893	532	16885	0	Pass
7	22534	826	537	16733	0	Pass
8	22670	838	555	16804	0	Pass
9	22672	882	570	16776	0	Pass
10	22470	830	543	16809	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	371.095	3.700	0.000	0.000	Pass
2	377.479	4.767	0.000	0.000	Pass
3	376.729	5.017	0.000	0.000	Pass
4	376.596	5.567	0.000	0.000	Pass
5	377.462	5.867	0.000	0.000	Pass
6	374.929	6.017	0.000	0.000	Pass
7	375.579	4.817	0.000	0.000	Pass
8	377.846	4.717	0.000	0.000	Pass
9	377.879	5.201	0.000	0.000	Pass
10	374.512	4.784	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_03
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.03.04 10:49:08
Results file name:	134K4908.VER
Inspection number:	
Item id:	PWR COLLAR
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No passive calibration curve calibration
No known alpha calibration

Results

Singles:	4557.188 +-	2.788
Doubles:	783.602 +-	2.647
Triples:	0.000 +-	0.000
Scaler 1:	37.632 +-	0.163
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	273145	126491	79833	2258	0	Pass
2	273946	126922	80033	2279	0	Pass
3	273230	126098	79171	2252	0	Pass
4	273372	126048	79583	2304	0	Pass
5	273654	127248	79744	2261	0	Pass
6	273015	126968	79060	2217	0	Pass
7	273731	126650	80365	2256	0	Pass
8	273972	127175	80175	2296	0	Pass
9	272905	125954	78699	2205	0	Pass
10	272266	125661	79131	2251	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4554.209	778.859	0.000	0.000	Pass
2	4567.570	782.719	0.000	0.000	Pass
3	4555.627	783.350	0.000	0.000	Pass
4	4557.996	775.638	0.000	0.000	Pass
5	4562.699	792.984	0.000	0.000	Pass
6	4552.041	799.725	0.000	0.000	Pass
7	4563.984	772.635	0.000	0.000	Pass
8	4568.004	784.572	0.000	0.000	Pass
9	4550.206	788.824	0.000	0.000	Pass
10	4539.548	776.718	0.000	0.000	Pass

INCC 5.1.2

Facility:	PPFF
Material balance area:	JM2G
Detector type:	AFAS
Detector id:	JSR_02
Electronics id:	JSR-12
Inventory change code:	
I/O code:	
Measurement date:	21.03.04 10:34:04
Results file name:	134K3404.VER
Inspection number:	
Item id:	PWR TF
Stratum id:	XXXX
Material type:	Pu
Original declared mass:	0.000
Measurement option:	Verification
Data source:	Review disk file
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	
Passive comment:	

Isotopics id:	Default			
Isotopics source code:	0D			
Pu238:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu239:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu240:	100.0000 +-	0.0000	100.0000 +-	0.0000
Pu241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu242:	0.0000 +-	0.0000	0.0000 +-	0.0000
Pu date:	00.01.01		21.03.04	
Am241:	0.0000 +-	0.0000	0.0000 +-	0.0000
Am date:	00.01.01		21.03.04	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	0.000 +-	0.000
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	

Passive scaler2 bkgrnd: 0.000

Number passive cycles: 10
Count time (sec): 60

Passive error messages

No known alpha calibration

Results

Singles:	4.543 +-	0.073
Doubles:	0.000 +-	0.000
Triples:	0.000 +-	0.000
Scaler 1:	262.090 +-	0.700
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	271	0	0	15878	0	Pass
2	251	0	0	15727	0	Pass
3	276	0	0	15622	0	Pass
4	295	0	0	15614	0	Pass
5	286	0	0	15636	0	Pass
6	253	0	0	15900	0	Pass
7	267	0	0	15701	0	Pass
8	284	0	0	15668	0	Pass
9	268	0	0	15569	0	Pass
10	275	0	0	15939	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	4.517	0.000	0.000	0.000	Pass
2	4.183	0.000	0.000	0.000	Pass
3	4.600	0.000	0.000	0.000	Pass
4	4.917	0.000	0.000	0.000	Pass
5	4.767	0.000	0.000	0.000	Pass
6	4.217	0.000	0.000	0.000	Pass
7	4.450	0.000	0.000	0.000	Pass
8	4.733	0.000	0.000	0.000	Pass
9	4.467	0.000	0.000	0.000	Pass
10	4.583	0.000	0.000	0.000	Pass

【AFAS 性能確認試験】

(2)　2.3　AFAS の故障時の測定パラメータの再評価方法の検討及び故障時の測定性能の評価

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 11:46:42
Results file name:	122L4642.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Normal
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.817 +- 0.126
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	36434.549 +- 9.497
Doubles:	7835.708 +- 17.850
Triples:	946.998 +- 24.484
Quads:	-11.330 +- 25.207
Quads/Triples:	-0.018 +- 0.027
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36493.703	7805.825	900.386	Pass
2	36353.268	7888.102	869.940	Pass
3	36405.610	7829.268	1045.108	Pass
4	36413.940	7805.561	845.469	Pass
5	36456.233	7705.725	934.999	Pass
6	36377.078	7815.238	955.335	Pass
7	36472.051	7927.570	1070.005	Pass
8	36451.747	7861.644	890.925	Pass
9	36512.590	7954.120	1053.210	Pass
10	36425.272	7916.993	1128.646	Pass
11	36385.881	7788.156	957.485	Pass
12	36462.944	7666.449	736.076	Pass
13	36401.462	7886.230	811.616	Pass
14	36435.862	7868.149	977.005	Pass
15	36401.293	7730.294	938.180	Pass
16	36488.644	7749.325	826.093	Pass
17	36469.690	7876.987	1171.339	Pass
18	36399.101	7849.674	869.925	Pass
19	36455.187	7955.874	986.928	Pass
20	36429.421	7832.971	971.505	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 13:42:54
Results file name:	122N4254.RTS
Inspection number:	
Item id:	amp1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.165 +- 0.124
Passive doubles bkgrnd:	0.010 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	29806.883 +- 8.437
Doubles:	5221.320 +- 12.953
Triples:	528.559 +- 16.246
Quads:	-6.987 +- 16.787
Quads/Triples:	-0.026 +- 0.033
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	29832.159	5139.396	531.382	Pass
2	29792.716	5268.107	547.676	Pass
3	29813.985	5127.784	495.856	Pass
4	29813.885	5196.860	428.689	Pass
5	29846.967	5164.113	425.777	Pass
6	29898.694	5217.496	539.349	Pass
7	29849.928	5313.356	587.053	Pass
8	29791.303	5277.208	525.672	Pass
9	29783.158	5149.359	582.333	Pass
10	29778.245	5229.053	542.988	Pass
11	29754.081	5285.032	727.489	Pass
12	29784.572	5203.557	544.593	Pass
13	29806.683	5258.505	605.112	Pass
14	29781.509	5253.051	480.944	Pass
15	29771.682	5172.765	498.637	Pass
16	29788.476	5200.207	501.120	Pass
17	29781.913	5307.959	610.118	Pass
18	29876.718	5152.523	443.398	Pass
19	29769.764	5229.466	514.611	Pass
20	29821.221	5280.605	439.305	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 14:12:25
Results file name:	12201225.RTS
Inspection number:	
Item id:	amp2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.743 +- 0.138
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	30779.022 +- 8.174
Doubles:	5608.735 +- 15.193
Triples:	566.159 +- 19.650
Quads:	6.083 +- 14.463
Quads/Triples:	0.002 +- 0.027
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30824.402	5637.679	667.971	Pass
2	30724.485	5585.063	644.323	Pass
3	30825.782	5576.008	626.949	Pass
4	30757.308	5585.181	589.414	Pass
5	30719.469	5631.078	647.355	Pass
6	30786.394	5656.207	585.714	Pass
7	30781.546	5525.532	619.751	Pass
8	30757.442	5636.587	549.444	Pass
9	30836.353	5562.922	459.665	Pass
10	30759.429	5545.207	547.092	Pass
11	30797.032	5786.869	651.442	Pass
12	30782.691	5667.073	676.004	Pass
13	30788.851	5592.264	360.431	Pass
14	30701.997	5582.909	533.769	Pass
15	30797.133	5672.259	443.706	Pass
16	30762.593	5698.312	630.803	Pass
17	30794.103	5617.238	613.568	Pass
18	30831.067	5597.719	537.400	Pass
19	30772.457	5509.317	454.719	Pass
20	30779.897	5509.275	483.707	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 14:39:35
Results file name:	12203935.RTS
Inspection number:	
Item id:	amp3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.303 +- 0.105
Passive doubles bkgrnd:	0.007 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	30496.110 +- 6.440
Doubles:	5498.299 +- 12.542
Triples:	534.759 +- 23.378
Quads:	13.902 +- 21.016
Quads/Triples:	0.000 +- 0.051
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30505.443	5544.668	481.981	Pass
2	30522.341	5497.818	594.152	Pass
3	30503.827	5473.210	363.623	Pass
4	30488.814	5360.983	426.874	Pass
5	30530.958	5606.491	519.449	Pass
6	30493.156	5496.967	491.800	Pass
7	30447.478	5481.000	529.165	Pass
8	30509.583	5505.422	573.895	Pass
9	30513.084	5553.432	542.929	Pass
10	30481.206	5433.020	654.930	Pass
11	30468.617	5563.811	726.964	Pass
12	30454.614	5480.006	306.038	Pass
13	30459.966	5457.760	457.123	Pass
14	30493.257	5562.267	636.683	Pass
15	30454.715	5456.586	457.217	Pass
16	30536.849	5563.545	529.096	Pass
17	30540.653	5460.966	653.615	Pass
18	30485.683	5511.184	609.182	Pass
19	30532.439	5484.257	505.102	Pass
20	30499.518	5472.583	634.889	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 15:11:39
Results file name:	122P1139.RTS
Inspection number:	
Item id:	amp4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.522 +- 0.124
Passive doubles bkgrnd:	0.008 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	29876.384 +- 8.158
Doubles:	5246.832 +- 13.426
Triples:	525.547 +- 18.742
Quads:	13.761 +- 15.678
Quads/Triples:	0.014 +- 0.029
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	29844.413	5231.959	412.603	Pass
2	29876.250	5211.236	409.091	Pass
3	29853.634	5265.390	520.158	Pass
4	29861.644	5267.150	591.999	Pass
5	29962.779	5228.176	619.873	Pass
6	29853.735	5220.233	493.039	Pass
7	29865.817	5181.708	531.007	Pass
8	29858.110	5165.237	523.491	Pass
9	29861.678	5183.597	542.927	Pass
10	29935.349	5305.661	580.030	Pass
11	29881.231	5274.556	530.748	Pass
12	29805.475	5109.373	362.153	Pass
13	29896.477	5204.644	433.145	Pass
14	29939.522	5335.714	589.965	Pass
15	29877.967	5272.948	431.383	Pass
16	29872.952	5259.645	570.986	Pass
17	29875.039	5342.255	467.228	Pass
18	29872.683	5316.457	611.506	Pass
19	29836.942	5295.269	650.817	Pass
20	29895.972	5265.431	637.909	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 15:38:33
Results file name:	122P3833.RTS
Inspection number:	
Item id:	amp5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.262 +- 0.109
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	30857.884 +- 8.021
Doubles:	5624.053 +- 16.513
Triples:	569.769 +- 19.820
Quads:	39.579 +- 17.438
Quads/Triples:	0.061 +- 0.028
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30819.766	5716.264	722.759	Pass
2	30853.970	5551.658	629.085	Pass
3	30846.429	5603.685	575.625	Pass
4	30843.399	5543.222	362.538	Pass
5	30891.205	5629.007	530.580	Pass
6	30863.767	5612.384	482.138	Pass
7	30809.599	5623.035	539.664	Pass
8	30876.526	5585.025	508.954	Pass
9	30875.550	5677.164	669.955	Pass
10	30902.045	5758.965	708.238	Pass
11	30869.086	5644.364	531.497	Pass
12	30884.606	5695.353	715.292	Pass
13	30889.656	5536.553	590.515	Pass
14	30850.334	5531.143	588.024	Pass
15	30828.149	5587.028	521.257	Pass
16	30885.044	5680.020	591.128	Pass
17	30831.112	5603.664	498.693	Pass
18	30796.908	5491.175	507.299	Pass
19	30805.930	5670.042	582.883	Pass
20	30934.600	5741.303	538.092	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	21.02.02 16:06:12
Results file name:	122Q0612.RTS
Inspection number:	
Item id:	amp6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Q2-334
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.187 +- 0.173
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	30538.787 +- 8.205
Doubles:	5517.169 +- 12.893
Triples:	585.209 +- 14.886
Quads:	32.089 +- 11.888
Quads/Triples:	0.049 +- 0.019
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30526.237	5502.562	585.712	Pass
2	30512.436	5563.836	624.972	Pass
3	30542.631	5585.530	698.710	Pass
4	30563.300	5489.469	608.628	Pass
5	30541.756	5421.610	504.940	Pass
6	30571.648	5586.994	690.550	Pass
7	30474.971	5455.438	555.142	Pass
8	30494.629	5469.546	476.416	Pass
9	30576.091	5497.231	609.957	Pass
10	30580.770	5583.491	670.106	Pass
11	30482.814	5549.930	519.665	Pass
12	30552.359	5386.362	600.749	Pass
13	30498.736	5542.814	512.298	Pass
14	30526.540	5510.177	620.001	Pass
15	30539.601	5510.224	664.655	Pass
16	30626.855	5538.714	497.603	Pass
17	30542.227	5591.919	562.681	Pass
18	30565.353	5513.782	533.970	Pass
19	30534.619	5573.875	621.780	Pass
20	30522.164	5469.880	545.489	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 10:02:50
Results file name:	07HK0250.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	normal

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.398 +- 0.195
Passive doubles bkgrnd:	0.008 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	34383.515 +- 6.778
Doubles:	5926.307 +- 12.599
Triples:	580.339 +- 10.429
Quads:	16.580 +- 18.341
Quads/Triples:	0.027 +- 0.032
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	34375.359	5935.616	607.726	Pass
2	34342.716	5937.960	629.864	Pass
3	34408.959	5902.475	555.231	Pass
4	34391.824	5910.502	512.099	Pass
5	34387.783	5966.961	595.321	Pass
6	34397.172	5900.461	556.610	Pass
7	34410.401	5993.201	596.660	Pass
8	34377.656	5848.271	584.830	Pass
9	34356.816	5922.675	572.137	Pass
10	34386.459	5944.948	592.891	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 10:33:46
Results file name:	07HK3346.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp1

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.100 +- 0.114
Passive doubles bkgrnd:	0.008 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	30739.462 +- 9.325
Doubles:	4764.980 +- 12.406
Triples:	414.616 +- 22.523
Quads:	3.766 +- 18.257
Quads/Triples:	-0.004 +- 0.045
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30747.687	4833.038	462.780	Pass
2	30751.390	4749.426	299.441	Pass
3	30707.876	4805.077	516.108	Pass
4	30764.443	4785.597	430.757	Pass
5	30728.485	4781.225	418.175	Pass
6	30755.479	4691.487	341.839	Pass
7	30750.653	4752.137	342.956	Pass
8	30683.179	4747.091	487.702	Pass
9	30721.314	4736.929	465.535	Pass
10	30784.114	4767.791	380.958	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 11:00:30
Results file name:	07HL0030.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp2

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.507 +- 0.127
Passive doubles bkgrnd:	0.010 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	31634.884 +- 13.570
Doubles:	4998.199 +- 19.082
Triples:	460.040 +- 12.339
Quads:	6.994 +- 14.906
Quads/Triples:	0.015 +- 0.034
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31580.848	4903.901	457.894	Pass
2	31650.494	4896.471	425.672	Pass
3	31678.112	5053.832	499.148	Pass
4	31613.191	5014.121	401.990	Pass
5	31656.242	5026.732	460.068	Pass
6	31643.573	4996.734	417.284	Pass
7	31604.912	4958.485	474.852	Pass
8	31616.123	5020.428	446.069	Pass
9	31718.449	5074.291	527.039	Pass
10	31586.897	5036.991	489.814	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 11:25:45
Results file name:	07HL2545.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp3

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.108 +- 0.166
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	31318.942 +- 10.535
Doubles:	4929.708 +- 8.514
Triples:	442.228 +- 12.541
Quads:	6.405 +- 10.689
Quads/Triples:	0.011 +- 0.023
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31320.631	4923.783	446.082	Pass
2	31308.331	4942.413	415.030	Pass
3	31372.160	4926.196	388.392	Pass
4	31275.320	4895.065	371.114	Pass
5	31328.474	4895.424	459.344	Pass
6	31297.288	4906.828	441.948	Pass
7	31349.303	4937.631	490.786	Pass
8	31270.779	4978.353	459.057	Pass
9	31312.269	4930.256	488.007	Pass
10	31354.866	4961.127	462.594	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 11:50:34
Results file name:	07HL5034.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp4

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.970 +- 0.188
Passive doubles bkgrnd:	0.010 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	30244.094 +- 5.925
Doubles:	4570.924 +- 11.544
Triples:	373.549 +- 15.768
Quads:	25.268 +- 16.743
Quads/Triples:	0.058 +- 0.042
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30232.472	4532.508	399.351	Pass
2	30236.476	4587.031	360.303	Pass
3	30266.114	4605.807	349.347	Pass
4	30250.566	4521.336	390.969	Pass
5	30254.487	4555.549	360.242	Pass
6	30240.396	4599.265	398.551	Pass
7	30218.834	4601.370	340.120	Pass
8	30280.338	4555.286	292.892	Pass
9	30231.048	4529.020	360.494	Pass
10	30230.210	4622.069	483.318	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 14:10:13
Results file name:	07H01013.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp5

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.952 +- 0.107
Passive doubles bkgrnd:	0.007 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	30953.068 +- 5.412
Doubles:	4820.329 +- 12.108
Triples:	448.083 +- 17.294
Quads:	11.533 +- 20.450
Quads/Triples:	0.013 +- 0.044
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30957.502	4795.520	496.937	Pass
2	30972.113	4802.637	398.923	Pass
3	30971.963	4830.382	498.404	Pass
4	30973.119	4845.512	499.094	Pass
5	30949.677	4832.956	502.361	Pass
6	30928.128	4843.213	433.504	Pass
7	30927.173	4874.713	488.637	Pass
8	30959.731	4852.868	369.861	Pass
9	30949.794	4772.732	415.989	Pass
10	30941.483	4752.755	377.184	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 14:40:22
Results file name:	07HO4022.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp6

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.783 +- 0.102
Passive doubles bkgrnd:	0.012 +- 0.007
Passive triples bkgrnd:	0.003 +- 0.002
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	30514.266 +- 6.990
Doubles:	4656.747 +- 13.378
Triples:	375.191 +- 16.929
Quads:	26.943 +- 21.711
Quads/Triples:	0.057 +- 0.058
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30558.015	4597.966	344.507	Pass
2	30500.110	4682.310	345.021	Pass
3	30511.520	4673.199	490.533	Pass
4	30532.799	4699.510	350.707	Pass
5	30497.765	4727.379	426.923	Pass
6	30507.415	4646.967	361.245	Pass
7	30517.753	4624.801	348.237	Pass
8	30534.257	4600.539	300.171	Pass
9	30500.579	4639.613	402.894	Pass
10	30482.451	4675.190	382.027	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 15:05:38
Results file name:	07HP0538.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp7

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.937 +- 0.110
Passive doubles bkgrnd:	0.037 +- 0.028
Passive triples bkgrnd:	0.029 +- 0.029
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	31498.451 +- 7.206
Doubles:	4972.145 +- 10.189
Triples:	436.683 +- 18.607
Quads:	8.437 +- 19.100
Quads/Triples:	0.013 +- 0.040
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31491.897	4961.415	484.600	Pass
2	31537.260	5033.035	415.914	Pass
3	31467.866	4957.768	408.628	Pass
4	31467.749	4968.568	386.261	Pass
5	31515.241	4930.401	392.864	Pass
6	31524.357	4951.748	509.706	Pass
7	31493.774	5009.472	466.978	Pass
8	31507.431	4993.522	538.720	Pass
9	31493.187	4978.721	396.363	Pass
10	31485.747	4936.804	366.706	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 15:32:14
Results file name:	07HP3214.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp8

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.397 +- 0.210
Passive doubles bkgrnd:	0.010 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	31230.421 +- 12.836
Doubles:	4917.403 +- 13.091
Triples:	449.709 +- 16.564
Quads:	11.314 +- 9.011
Quads/Triples:	0.024 +- 0.019
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31243.372	4946.744	495.923	Pass
2	31215.555	4878.902	446.048	Pass
3	31255.052	4875.885	468.915	Pass
4	31250.125	4921.821	414.844	Pass
5	31298.570	4977.704	509.718	Pass
6	31171.451	4948.592	435.205	Pass
7	31196.570	4859.815	352.535	Pass
8	31263.966	4940.444	522.407	Pass
9	31175.339	4949.643	450.906	Pass
10	31234.206	4874.485	400.541	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 15:57:27
Results file name:	07HP5727.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp9

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.790 +- 0.057
Passive doubles bkgrnd:	0.007 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Results

Singles:	30231.405 +- 6.806
Doubles:	4560.285 +- 15.998
Triples:	382.383 +- 16.538
Quads:	29.308 +- 8.515
Quads/Triples:	0.076 +- 0.022
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30276.095	4552.622	320.993	Pass
2	30236.756	4626.159	414.367	Pass
3	30227.625	4571.526	421.163	Pass
4	30225.146	4482.260	295.529	Pass
5	30197.485	4508.305	443.790	Pass
6	30255.152	4621.624	377.163	Pass
7	30218.092	4585.843	429.682	Pass
8	30223.152	4570.003	359.872	Pass
9	30234.176	4589.995	426.500	Pass
10	30220.371	4494.514	334.547	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.07.17 16:22:18
Results file name:	07HQ2218.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	amp10

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	8.883 +-	0.135
Passive doubles bkgrnd:	0.007 +-	0.004
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	60

Results

Singles:	31036.235 +-	10.041
Doubles:	4834.679 +-	11.976
Triples:	425.998 +-	16.273
Quads:	20.623 +-	15.595
Quads/Triples:	0.042 +-	0.036
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

AFAS-P_Q2-334(amp10).txt

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31059.516	4872.072	454.128	Pass
2	31025.584	4773.429	452.761	Pass
3	31019.636	4813.009	476.767	Pass
4	31062.985	4859.089	353.699	Pass
5	31068.146	4856.217	448.625	Pass
6	30975.399	4845.802	322.386	Pass
7	31078.937	4891.597	431.502	Pass
8	31038.855	4806.420	467.462	Pass
9	31009.297	4789.491	453.764	Pass
10	31023.992	4839.667	398.585	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.28 14:28:01
Results file name:	07S02801.VER
Inspection number:	
Item id:	P1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2755 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1790 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7087 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5733 +-	0.0000
Pu date:	13.01.30		20.07.28	
Am241:	6.3855 +-	0.0000	7.5647 +-	0.0000
Am date:	13.01.30		20.07.28	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	15642.884 +- 2.931
Passive doubles bkgrnd:	-2.096 +- 2.958
Passive triples bkgrnd:	0.105 +- 2.428
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	60

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	72583.244 +-	9.353
Doubles:	3502.389 +-	29.501
Triples:	314.873 +-	29.746
Quads:	57.159 +-	42.700
Quads/Triples:	0.174 +-	0.152
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.012	
Multiplication corrected doubles:	3249.666 +-	5.223
Pu240e mass (g):	3.775 +-	0.007
Pu240e (%):	40.726	
Pu mass (g):	9.268 +-	0.017
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.161 +-	0.017
Declared - assay Pu mass (%):	1.706 +-	0.178

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	9.280000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	8.609406e+002
variance a:	0.000000e+000
variance b:	5.282894e-001
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	72558.624	3527.901	185.669	3.768	Pass
2	72558.912	3557.267	462.721	3.762	Pass
3	72634.982	3530.984	161.264	3.772	Pass

4	72611.662	3525.234	334.701	3.772 Pass
5	72556.170	3641.528	391.319	3.745 Pass
6	72609.614	3475.177	247.786	3.782 Pass
7	72557.676	3591.700	329.096	3.755 Pass
8	72594.535	3405.602	325.294	3.795 Pass
9	72581.284	3324.346	319.741	3.812 Pass
10	72568.981	3444.148	391.566	3.786 Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 14:37:37
Results file name:	07T03737.VER
Inspection number:	
Item id:	P1 amp1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	14244.697 +- 2.384

Passive doubles bkgrnd:	5.549 +-	2.246
Passive triples bkgrnd:	2.118 +-	2.087
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Passive results

Singles:	64786.203 +-	10.579
Doubles:	2834.130 +-	22.519
Triples:	122.436 +-	33.916
Quads:	17.417 +-	48.001
Quads/Triples:	1.454 +-	1.054
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.013	
Multiplication corrected doubles:	2605.023 +-	3.979
Pu240e mass (g):	3.763 +-	0.009
Pu240e (%):	40.726	
Pu mass (g):	9.240 +-	0.023
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.189 +-	0.023
Declared - assay Pu mass (%):	2.005 +-	0.240

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.347000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	6.922630e+002
variance a:	0.000000e+000
variance b:	1.760907e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	64798.331	2869.773	263.365	3.755	Pass
2	64809.517	2870.109	6.718	3.756	Pass
3	64768.965	2852.804	184.685	3.757	Pass
4	64789.004	2772.354	262.209	3.779	Pass

5	64764.336	2846.890	180.079	3.758	Pass
6	64807.269	2797.756	-61.785	3.774	Pass
7	64770.030	2976.677	84.949	3.726	Pass
8	64854.782	2767.998	48.876	3.785	Pass
9	64754.468	2860.446	93.558	3.754	Pass
10	64745.327	2726.495	161.950	3.788	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 15:57:35
Results file name:	07TP5735.VER
Inspection number:	
Item id:	P1 amp2
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	14729.315 +-	3.296
Passive doubles bkgrnd:	-0.298 +-	2.700
Passive triples bkgrnd:	-1.578 +-	2.125
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	66624.378 +-	18.179
Doubles:	2937.641 +-	31.905
Triples:	97.267 +-	30.987
Quads:	45.378 +-	56.526
Quads/Triples:	0.313 +-	1.026
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.011	
Multiplication corrected doubles:	2736.052 +-	5.704
Pu240e mass (g):	3.768 +-	0.011
Pu240e (%):	40.726	
Pu mass (g):	9.252 +-	0.026
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.177 +-	0.026
Declared - assay Pu mass (%):	1.879 +-	0.275

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.507000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.261497e+002
variance a:	0.000000e+000
variance b:	1.847100e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	66506.367	2938.652	32.832	3.760	Pass
2	66617.605	3064.108	114.635	3.737	Pass
3	66616.929	2982.940	168.750	3.756	Pass

4	66636.013	2908.254	144.427	3.776	Pass
5	66725.566	2897.098	33.041	3.785	Pass
6	66612.145	2737.323	-13.846	3.770	Pass
7	66660.742	2880.268	-71.795	3.784	Pass
8	66590.898	2904.077	238.727	3.774	Pass
9	66612.737	2968.159	146.530	3.760	Pass
10	66664.782	3095.529	179.321	3.733	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 16:11:14
Results file name:	07TQ1114.VER
Inspection number:	
Item id:	P1 amp3
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	14235.500 +- 2.415
Passive doubles bkgrnd:	2.549 +- 3.087
Passive triples bkgrnd:	3.391 +- 1.873
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	60

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	65589.621 +- 8.662
Doubles:	2892.380 +- 24.640
Triples:	174.908 +- 51.120
Quads:	108.873 +- 47.854
Quads/Triples:	-1.530 +- 1.444
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Known alpha results

Alpha:	1.048
Multiplication:	1.012
Multiplication corrected doubles:	2681.443 +- 4.361
Pu240e mass (g):	3.744 +- 0.009
Pu240e (%):	40.726
Pu mass (g):	9.193 +- 0.023
Declared Pu240e mass (g):	3.840
Declared Pu mass (g):	9.429
Declared - assay Pu mass (g):	0.236 +- 0.023
Declared - assay Pu mass (%):	2.500 +- 0.243

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.475000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.161913e+002
variance a:	0.000000e+000
variance b:	1.821820e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	65601.881	2903.134	161.460	3.742	Pass
2	65545.575	2887.024	298.959	3.742	Pass
3	65605.058	2768.299	-41.277	3.776	Pass

4	65609.807	2913.062	-28.038	3.740	Pass
5	65571.430	2764.618	-21.020	3.775	Pass
6	65600.580	3007.628	325.885	3.717	Pass
7	65620.250	2871.816	365.775	3.751	Pass
8	65597.674	2953.913	100.744	3.730	Pass
9	65598.586	2955.301	281.473	3.729	Pass
10	65545.372	2899.000	304.967	3.739	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 15:43:45
Results file name:	07TP4345.VER
Inspection number:	
Item id:	P1 amp4
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	14150.248 +- 3.126
Passive doubles bkgrnd:	7.350 +- 3.584
Passive triples bkgrnd:	-0.184 +- 1.744
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	60

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	63625.092 +- 8.474
Doubles:	2702.078 +- 20.367
Triples:	138.370 +- 43.753
Quads:	-48.585 +- 53.837
Quads/Triples:	27.131 +- 27.656
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Known alpha results

Alpha:	1.048
Multiplication:	1.013
Multiplication corrected doubles:	2496.308 +- 3.602
Pu240e mass (g):	3.759 +- 0.009
Pu240e (%):	40.726
Pu mass (g):	9.230 +- 0.022
Declared Pu240e mass (g):	3.840
Declared Pu mass (g):	9.429
Declared - assay Pu mass (g):	0.199 +- 0.022
Declared - assay Pu mass (%):	2.108 +- 0.238

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.138000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	6.640705e+002
variance a:	0.000000e+000
variance b:	1.689270e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	63651.571	2713.470	233.045	3.758	Pass
2	63613.360	2723.655	289.293	3.753	Pass
3	63658.125	2758.796	271.396	3.747	Pass

4	63598.798	2746.908	0.649	3.745	Pass
5	63624.847	2645.423	29.165	3.774	Pass
6	63640.185	2650.881	38.948	3.774	Pass
7	63582.514	2717.839	9.481	3.752	Pass
8	63644.915	2772.891	305.107	3.742	Pass
9	63633.057	2565.304	-28.825	3.797	Pass
10	63603.545	2725.615	235.498	3.751	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.30 10:14:21
Results file name:	07UK1421.VER
Inspection number:	
Item id:	P1 amp5
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2760 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1793 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7080 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.30	
Am241:	6.3855 +-	0.0000	7.5655 +-	0.0000
Am date:	13.01.30		20.07.30	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	13892.732 +-	2.814
Passive doubles bkgrnd:	1.809 +-	2.743
Passive triples bkgrnd:	1.128 +-	1.804
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	65089.544 +-	10.457
Doubles:	2856.977 +-	29.708
Triples:	240.291 +-	29.724
Quads:	34.168 +-	62.734
Quads/Triples:	0.227 +-	0.266
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.013	
Multiplication corrected doubles:	2629.708 +-	5.235
Pu240e mass (g):	3.755 +-	0.010
Pu240e (%):	40.726	
Pu mass (g):	9.220 +-	0.025
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.209 +-	0.025
Declared - assay Pu mass (%):	2.212 +-	0.270

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.385000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.003040e+002
variance a:	0.000000e+000
variance b:	1.781379e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	65040.302	2738.624	201.952	3.782	Pass
2	65068.215	2732.793	144.801	3.785	Pass
3	65091.176	2973.739	313.306	3.726	Pass

4	65137.726	2937.595	186.496	3.738 Pass
5	65121.454	2856.664	292.231	3.757 Pass
6	65055.678	2868.400	456.378	3.750 Pass
7	65119.883	2889.052	250.934	3.749 Pass
8	65063.669	2934.351	218.971	3.734 Pass
9	65100.098	2917.259	159.470	3.741 Pass
10	65097.242	2721.293	177.705	3.790 Pass

INCC 5.1.2

Facility:	JMOX			
Material balance area:	XXXX			
Detector type:	COLLAR			
Detector id:	AFASP			
Electronics id:	AMSR			
Inventory change code:				
I/O code:				
Measurement date:	20.07.29 11:05:06			
Results file name:	07TL0506.VER			
Inspection number:				
Item id:	P1 amp6			
Stratum id:	XXXX			
Bias uncertainty:	0.0000			
Random uncertainty:	0.0000			
Systematic uncertainty:	0.0000			
Relative std deviation:	0.0000			
Material type:	ATR-P			
Original declared mass:	9.551			
Measurement option:	Verification			
Data source:	Database			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:				
Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	
Predelay:	1.50			
Gate length:	64.00			
2nd gate length:	64.00			
High voltage:	1720			
Die away time:	50.0000			
Efficiency:	0.1620			
Multiplicity deadtime:	86.5000			
Coefficient A deadtime:	0.3458			
Coefficient B deadtime:	0.0299			
Coefficient C deadtime:	0.0000			
Doubles gate fraction:	0.6599			
Triples gate fraction:	0.4260			
Normalization constant:	1.0000 +-	0.0000		

Passive singles bkgrnd:	13696.178 +-	2.453
Passive doubles bkgrnd:	0.464 +-	2.415
Passive triples bkgrnd:	3.280 +-	2.006
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	64284.926 +-	6.609
Doubles:	2752.346 +-	28.218
Triples:	92.880 +-	41.374
Quads:	56.569 +-	34.535
Quads/Triples:	1.580 +-	0.791
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.012	
Multiplication corrected doubles:	2547.429 +-	4.975
Pu240e mass (g):	3.765 +-	0.010
Pu240e (%):	40.726	
Pu mass (g):	9.246 +-	0.025
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.183 +-	0.025
Declared - assay Pu mass (%):	1.944 +-	0.270

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.217000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	6.765394e+002
variance a:	0.000000e+000
variance b:	1.720839e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	64278.253	2825.939	131.607	3.746	Pass
2	64305.739	2874.816	-93.263	3.735	Pass
3	64257.627	2753.287	-52.298	3.763	Pass

4	64293.711	2710.054	46.211	3.777	Pass
5	64283.811	2786.512	295.436	3.756	Pass
6	64275.483	2644.767	106.812	3.793	Pass
7	64290.265	2609.047	126.355	3.804	Pass
8	64268.084	2762.389	42.810	3.762	Pass
9	64272.290	2862.609	21.698	3.736	Pass
10	64324.001	2694.038	303.553	3.783	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 11:19:41
Results file name:	07TL1941.VER
Inspection number:	
Item id:	P1 amp7
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	14423.246 +- 2.695
Passive doubles bkgrnd:	3.037 +- 3.138
Passive triples bkgrnd:	-0.703 +- 2.349
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	66533.867 +- 11.141
Doubles:	2942.849 +- 28.500
Triples:	227.013 +- 49.837
Quads:	-34.616 +- 69.763
Quads/Triples:	-0.809 +- 0.841
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Known alpha results

Alpha:	1.048
Multiplication:	1.012
Multiplication corrected doubles:	2728.039 +- 5.049
Pu240e mass (g):	3.777 +- 0.010
Pu240e (%):	40.726
Pu mass (g):	9.273 +- 0.024
Declared Pu240e mass (g):	3.840
Declared Pu mass (g):	9.429
Declared - assay Pu mass (g):	0.156 +- 0.024
Declared - assay Pu mass (%):	1.653 +- 0.259

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.500000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.223577e+002
variance a:	0.000000e+000
variance b:	1.837415e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	66521.157	2862.144	61.031	3.796	Pass
2	66498.204	2873.844	548.700	3.791	Pass
3	66590.472	2921.414	210.284	3.786	Pass

4	66576.764	2889.349	47.472	3.793	Pass
5	66505.962	3013.900	221.320	3.758	Pass
6	66540.611	2905.133	279.026	3.786	Pass
7	66504.610	3156.209	298.011	3.724	Pass
8	66513.382	2893.347	111.071	3.787	Pass
9	66573.282	2919.152	383.806	3.785	Pass
10	66514.227	2993.993	110.028	3.763	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.30 10:29:14
Results file name:	07UK2914.VER
Inspection number:	
Item id:	P1 amp8
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2760 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1793 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7080 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.30	
Am241:	6.3855 +-	0.0000	7.5655 +-	0.0000
Am date:	13.01.30		20.07.30	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	13952.116 +- 2.354
Passive doubles bkgrnd:	3.829 +- 2.786
Passive triples bkgrnd:	0.145 +- 1.630
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	60

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	65844.120 +- 8.979
Doubles:	2894.388 +- 41.293
Triples:	159.689 +- 48.577
Quads:	-7.608 +- 46.053
Quads/Triples:	0.429 +- 0.268
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Known alpha results

Alpha:	1.048
Multiplication:	1.011
Multiplication corrected doubles:	2694.584 +- 7.304
Pu240e mass (g):	3.772 +- 0.012
Pu240e (%):	40.726
Pu mass (g):	9.261 +- 0.031
Declared Pu240e mass (g):	3.840
Declared Pu mass (g):	9.429
Declared - assay Pu mass (g):	0.168 +- 0.031
Declared - assay Pu mass (%):	1.778 +- 0.324

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.478000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.144075e+002
variance a:	0.000000e+000
variance b:	1.817198e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	65870.614	3108.122	-113.901	3.722	Pass
2	65830.953	2929.469	268.152	3.762	Pass
3	65844.691	3096.392	273.388	3.723	Pass

4	65848.629	2696.137	202.493	3.774	Pass
5	65810.286	2832.734	-46.527	3.785	Pass
6	65847.294	2786.460	190.381	3.799	Pass
7	65838.912	2906.811	123.560	3.768	Pass
8	65885.045	2927.400	50.624	3.766	Pass
9	65795.449	2850.178	320.908	3.779	Pass
10	65869.330	2810.177	327.336	3.795	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Inventory change code:	
I/O code:	
Measurement date:	20.07.29 13:52:24
Results file name:	07TN5224.VER
Inspection number:	
Item id:	P1 amp9
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	ATR-P
Original declared mass:	9.551
Measurement option:	Verification
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Isotopics id:	P1			
Isotopics source code:	OD			
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000
Pu date:	13.01.30		20.07.29	
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000
Am date:	13.01.30		20.07.29	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260

Normalization constant: 1.0000 +- 0.0000

Passive singles bkgrnd:	14527.997 +-	2.905
Passive doubles bkgrnd:	4.573 +-	2.806
Passive triples bkgrnd:	2.027 +-	1.767
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	63846.284 +-	8.166
Doubles:	2729.831 +-	27.357
Triples:	190.641 +-	45.734
Quads:	-36.229 +-	60.801
Quads/Triples:	-1.363 +-	1.284
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.014	
Multiplication corrected doubles:	2495.909 +-	4.795
Pu240e mass (g):	3.767 +-	0.010
Pu240e (%):	40.726	
Pu mass (g):	9.250 +-	0.025
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.179 +-	0.025
Declared - assay Pu mass (%):	1.896 +-	0.269

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.122000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	6.625275e+002
variance a:	0.000000e+000
variance b:	1.685331e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	63856.364	2689.122	-18.380	3.779	Pass
2	63823.521	2792.437	225.576	3.749	Pass
3	63847.224	2688.189	337.022	3.778	Pass

4	63831.985	2863.957	172.569	3.731	Pass
5	63866.686	2734.769	336.311	3.767	Pass
6	63873.883	2860.744	113.666	3.735	Pass
7	63796.642	2732.116	30.314	3.763	Pass
8	63842.848	2614.121	342.123	3.798	Pass
9	63850.062	2634.643	334.316	3.793	Pass
10	63873.630	2688.213	32.984	3.780	Pass

INCC 5.1.2

Facility:	JMOX				
Material balance area:	XXXX				
Detector type:	COLLAR				
Detector id:	AFASP				
Electronics id:	AMSR				
Inventory change code:					
I/O code:					
Measurement date:	20.07.29 14:08:07				
Results file name:	07T00807.VER				
Inspection number:					
Item id:	P1 amp10				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	ATR-P				
Original declared mass:	9.551				
Measurement option:	Verification				
Data source:	Database				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:					
Isotopics id:	P1				
Isotopics source code:	OD				
Pu238:	1.3233 +-	0.0000	1.2634 +-	0.0000	
Pu239:	61.4932 +-	0.0000	62.2757 +-	0.0000	
Pu240:	27.8411 +-	0.0000	28.1792 +-	0.0000	
Pu241:	3.8401 +-	0.0000	2.7084 +-	0.0000	
Pu242:	5.5022 +-	0.0000	5.5734 +-	0.0000	
Pu date:	13.01.30		20.07.29		
Am241:	6.3855 +-	0.0000	7.5651 +-	0.0000	
Am date:	13.01.30		20.07.29		
Predelay:	1.50				
Gate length:	64.00				
2nd gate length:	64.00				
High voltage:	1720				
Die away time:	50.0000				
Efficiency:	0.1620				
Multiplicity deadtime:	86.5000				
Coefficient A deadtime:	0.3458				
Coefficient B deadtime:	0.0299				
Coefficient C deadtime:	0.0000				
Doubles gate fraction:	0.6599				
Triples gate fraction:	0.4260				
Normalization constant:	1.0000 +-	0.0000			

Passive singles bkgrnd:	14508.842 +-	2.748
Passive doubles bkgrnd:	-0.146 +-	2.930
Passive triples bkgrnd:	-0.441 +-	1.982
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	10	
Count time (sec):	60	

Passive messages

Known alpha: failed stratum rejection limits

Results

Singles:	65346.119 +-	10.051
Doubles:	2903.524 +-	26.380
Triples:	202.723 +-	60.768
Quads:	22.000 +-	64.704
Quads/Triples:	-0.718 +-	0.566
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Known alpha results

Alpha:	1.048	
Multiplication:	1.015	
Multiplication corrected doubles:	2635.055 +-	4.615
Pu240e mass (g):	3.752 +-	0.010
Pu240e (%):	40.726	
Pu mass (g):	9.212 +-	0.024
Declared Pu240e mass (g):	3.840	
Declared Pu mass (g):	9.429	
Declared - assay Pu mass (g):	0.217 +-	0.024
Declared - assay Pu mass (%):	2.304 +-	0.253

Known alpha calibration parameters

Alpha weight:	1.000000e+000
Rho zero:	8.388000e-002
k:	2.166000e+000
a:	0.000000e+000
b:	7.023886e+002
variance a:	0.000000e+000
variance b:	1.786651e+000
covariance ab:	0.000000e+000
sigma x:	0.000000e+000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	65285.837	2954.307	72.663	3.735	Pass
2	65377.208	2958.461	521.883	3.740	Pass
3	65323.132	2929.931	19.939	3.743	Pass

4	65333.406	2901.757	223.793	3.751	Pass
5	65345.370	2813.310	118.964	3.774	Pass
6	65352.113	2952.525	-38.117	3.740	Pass
7	65331.361	2839.767	352.306	3.766	Pass
8	65357.335	2735.211	403.497	3.795	Pass
9	65397.013	3009.728	17.565	3.729	Pass
10	65358.416	2940.246	334.535	3.743	Pass

(3)

【AFAS 性能確認試験】

(3)　2.4.1　測定パラメータの再評価

（デッドタイム補正係数の評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.05.28 10:17:00
Results file name:	05SK1700.RTS
Inspection number:	
Item id:	K7-436
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.972 +- 0.106
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	14469.282 +-	2.755
Doubles:	3078.937 +-	2.708
Triples:	358.784 +-	3.141
Quads:	21.137 +-	3.075
Quads/Triples:	0.054 +-	0.008
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	14425.162	3082.388	388.157	Pass
2	14493.462	3086.155	363.203	Pass
3	14477.595	3023.655	295.303	Pass
4	14508.095	3045.555	349.949	Pass
5	14435.428	3102.022	379.108	Pass
6	14453.328	3090.322	408.477	Pass
7	14447.862	3048.688	368.846	Pass
8	14453.462	3045.822	314.064	Pass
9	14474.528	3042.455	359.123	Pass
10	14559.128	3128.755	373.677	Pass
11	14460.128	3128.688	374.091	Pass
12	14482.395	3086.722	329.916	Pass
13	14472.862	3099.222	394.791	Pass
14	14460.628	3076.722	354.493	Pass
15	14480.528	3089.555	297.506	Pass
16	14470.195	3057.522	316.663	Pass
17	14465.328	3067.155	344.251	Pass
18	14495.562	3106.088	346.684	Pass
19	14423.895	3048.788	331.748	Pass
20	14462.228	3095.622	354.077	Pass
21	14445.295	3110.322	399.457	Pass
22	14454.862	3077.288	432.309	Pass
23	14485.562	3094.822	409.388	Pass
24	14488.028	3139.055	350.992	Pass
25	14479.228	3077.388	319.233	Pass
26	14480.628	3059.755	354.131	Pass
27	14458.728	3090.855	344.751	Pass
28	14439.995	3063.555	374.636	Pass
29	14514.595	3075.455	356.075	Pass
30	14483.795	3124.322	368.560	Pass
31	14447.462	3068.455	388.321	Pass
32	14445.728	3048.288	355.463	Pass
33	14477.162	3112.088	345.542	Pass
34	14442.828	3080.355	370.346	Pass
35	14433.362	3068.922	353.977	Pass
36	14474.462	3104.788	401.194	Pass
37	14508.295	3057.822	338.226	Pass
38	14467.528	3044.822	324.432	Pass
39	14473.062	3092.422	353.427	Pass
40	14444.395	3064.455	344.164	Pass
41	14469.762	3078.522	342.916	Pass
42	14490.628	3043.655	366.628	Pass
43	14498.495	3116.588	342.043	Pass
44	14371.928	3059.222	389.870	Pass
45	14470.328	3042.188	339.796	Pass
46	14475.795	3090.988	333.574	Pass
47	14490.528	3072.288	350.089	Pass
48	14487.395	3102.088	304.609	Pass
49	14478.128	3061.522	310.698	Pass
50	14433.328	3083.788	316.919	Pass
51	14449.028	3066.755	375.950	Pass

52	14476.328	3059.088	299.474	Pass
53	14492.695	3067.022	364.045	Pass
54	14475.628	3107.255	365.304	Pass
55	14464.562	3048.088	349.970	Pass
56	14471.828	3085.555	405.486	Pass
57	14485.028	3046.722	302.653	Pass
58	14509.795	3044.888	389.263	Pass
59	14456.762	3096.088	421.925	Pass
60	14453.595	3029.822	350.676	Pass
61	14481.862	3027.755	323.103	Pass
62	14454.928	3058.988	355.560	Pass
63	14454.095	3062.588	363.282	Pass
64	14452.195	3106.455	357.441	Pass
65	14436.462	3103.622	379.983	Pass
66	14514.628	3088.822	362.904	Pass
67	14454.895	3082.022	343.784	Pass
68	14534.928	3094.522	359.363	Pass
69	14484.995	3155.155	439.083	Pass
70	14449.762	3085.855	314.186	Pass
71	14482.062	3084.488	369.796	Pass
72	14493.395	3049.088	337.571	Pass
73	14467.162	3076.488	338.522	Pass
74	14393.128	3045.555	330.937	Pass
75	14495.728	3074.688	359.638	Pass
76	14483.995	3091.288	344.251	Pass
77	14439.762	3055.855	348.670	Pass
78	14469.662	3081.088	338.649	Pass
79	14474.128	3147.488	421.202	Pass
80	14467.428	3103.822	342.971	Pass
81	14440.862	3064.422	345.251	Pass
82	14447.195	3064.788	386.621	Pass
83	14511.728	3118.388	384.275	Pass
84	14480.095	3072.355	310.805	Pass
85	14465.862	3105.255	359.143	Pass
86	14511.895	3093.088	409.243	Pass
87	14486.962	3104.255	374.029	Pass
88	14450.895	3038.188	355.481	Pass
89	14468.362	3022.688	324.941	Pass
90	14440.362	3090.022	385.049	Pass
91	14486.328	3093.188	375.867	Pass
92	14491.162	3073.155	390.238	Pass
93	14517.362	3055.422	330.173	Pass
94	14487.095	3110.288	357.503	Pass
95	14460.995	3068.155	400.521	Pass
96	14443.128	3076.588	373.268	Pass
97	14441.328	3114.122	421.769	Pass
98	14433.228	3075.288	335.615	Pass
99	14482.562	3074.388	357.255	Pass
100	14447.228	3094.722	419.898	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.05.28 11:15:55
Results file name:	05SL1555.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.972 +- 0.106
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	43279.780 +-	4.648
Doubles:	9108.754 +-	9.619
Triples:	949.412 +-	13.351
Quads:	19.008 +-	15.729
Quads/Triples:	0.008 +-	0.017
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43253.062	9170.155	1005.976	Pass
2	43219.228	9017.488	1041.281	Pass
3	43266.128	9113.655	948.081	Pass
4	43179.895	9237.388	1097.901	Pass
5	43207.928	9051.788	1098.362	Pass
6	43205.695	9097.055	853.225	Pass
7	43307.762	9084.455	957.318	Pass
8	43246.328	9237.422	1104.577	Pass
9	43227.962	9045.888	838.089	Pass
10	43295.795	8997.122	894.909	Pass
11	43224.995	9152.188	1069.732	Pass
12	43178.995	9012.188	790.883	Pass
13	43302.495	8999.422	728.979	Pass
14	43271.595	9184.788	1180.513	Pass
15	43215.228	9088.122	1172.183	Pass
16	43224.228	9069.155	1069.480	Pass
17	43346.462	9150.055	940.359	Pass
18	43381.095	9090.522	889.610	Pass
19	43257.995	9235.255	1096.366	Pass
20	43196.762	9256.555	1089.615	Pass
21	43346.128	9278.855	867.712	Pass
22	43285.462	9022.822	826.756	Pass
23	43285.662	9021.522	932.902	Pass
24	43286.595	9064.055	875.798	Pass
25	43348.295	9122.022	946.214	Pass
26	43261.928	9189.988	951.448	Pass
27	43257.528	9151.022	1046.164	Pass
28	43293.695	9066.322	713.135	Pass
29	43322.162	9134.488	938.499	Pass
30	43303.762	9067.922	721.490	Pass
31	43313.762	9231.622	884.017	Pass
32	43222.162	9136.922	908.994	Pass
33	43299.162	9080.055	911.120	Pass
34	43254.395	9236.388	1062.024	Pass
35	43258.962	9129.322	1015.628	Pass
36	43265.395	9154.522	832.837	Pass
37	43365.495	9161.455	928.983	Pass
38	43295.828	9113.288	871.410	Pass
39	43349.128	8996.155	811.288	Pass
40	43313.595	9085.522	912.875	Pass
41	43293.362	9045.122	868.838	Pass
42	43162.362	9006.788	785.846	Pass
43	43335.162	9123.088	1114.094	Pass
44	43295.828	8918.988	1084.415	Pass
45	43328.962	8978.555	833.314	Pass
46	43291.962	9140.555	837.352	Pass
47	43265.695	9047.955	1045.358	Pass
48	43327.262	9135.288	823.693	Pass
49	43314.262	9367.055	1106.170	Pass
50	43239.528	9131.255	1108.898	Pass
51	43328.628	9242.222	998.610	Pass

52	43366.262	9035.622	668.581	Pass
53	43219.428	9166.822	1012.232	Pass
54	43256.195	9158.922	943.588	Pass
55	43339.328	9155.222	1002.249	Pass
56	43387.062	9075.088	857.759	Pass
57	43216.195	9048.755	724.792	Pass
58	43247.128	8964.455	1052.233	Pass
59	43242.062	9130.355	778.507	Pass
60	43229.428	9083.222	1143.432	Pass
61	43276.995	9046.222	898.345	Pass
62	43309.462	9093.822	894.826	Pass
63	43258.762	9040.355	908.162	Pass
64	43296.328	9266.755	910.200	Pass
65	43309.362	9118.622	971.321	Pass
66	43305.162	9203.922	1119.328	Pass
67	43262.928	9180.055	944.754	Pass
68	43302.395	9107.488	828.771	Pass
69	43242.062	9107.455	728.272	Pass
70	43314.962	8866.588	820.684	Pass
71	43324.062	9133.088	869.466	Pass
72	43312.128	9206.755	1037.261	Pass
73	43256.828	9119.522	923.381	Pass
74	43219.162	9047.388	899.202	Pass
75	43206.895	8937.755	830.549	Pass
76	43308.195	9084.255	846.324	Pass
77	43279.362	9253.722	1199.406	Pass
78	43290.362	9100.255	986.142	Pass
79	43286.862	9146.288	1058.691	Pass
80	43235.262	8933.455	983.022	Pass
81	43344.128	9064.655	684.279	Pass
82	43305.628	9321.055	968.661	Pass
83	43280.095	9107.722	1055.586	Pass
84	43272.228	9237.322	1102.095	Pass
85	43334.728	9211.988	924.422	Pass
86	43248.595	8972.188	935.418	Pass
87	43308.228	8995.122	1186.556	Pass
88	43285.862	9186.088	1141.511	Pass
89	43289.495	8935.655	732.051	Pass
90	43302.128	9197.688	1064.024	Pass
91	43243.928	9043.155	1173.100	Pass
92	43241.462	9125.955	725.618	Pass
93	43276.195	9078.722	1117.156	Pass
94	43232.095	9080.888	872.561	Pass
95	43301.495	9196.088	1087.205	Pass
96	43277.028	9081.955	885.822	Pass
97	43346.528	9283.122	1239.309	Pass
98	43328.728	9114.688	1103.114	Pass
99	43274.095	9118.055	893.533	Pass
100	43262.928	8839.255	773.445	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.05.28 13:36:26
Results file name:	05SN3626.RTS
Inspection number:	
Item id:	K7&Q2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.972 +- 0.106
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	57709.731 +-	4.880
Doubles:	12094.495 +-	11.001
Triples:	1204.162 +-	19.997
Quads:	7.707 +-	29.122
Quads/Triples:	-0.017 +-	0.025
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	57777.795	11919.622	925.220	Pass
2	57638.328	12105.488	1454.680	Pass
3	57704.395	11918.655	1269.032	Pass
4	57624.695	12211.288	1362.810	Pass
5	57706.628	12159.055	1074.311	Pass
6	57720.962	12089.988	1339.804	Pass
7	57765.262	12130.288	1379.664	Pass
8	57736.362	12106.622	1210.154	Pass
9	57742.428	12084.288	1216.668	Pass
10	57705.795	12062.988	917.174	Pass
11	57786.128	12035.455	1056.684	Pass
12	57691.728	11985.422	926.907	Pass
13	57706.995	11972.155	1370.470	Pass
14	57628.328	12227.988	1495.947	Pass
15	57835.995	12155.088	1171.124	Pass
16	57680.695	12161.422	1272.519	Pass
17	57705.795	12401.022	1320.601	Pass
18	57688.595	12110.055	1380.072	Pass
19	57663.062	11969.288	935.698	Pass
20	57641.095	11993.722	1253.697	Pass
21	57702.628	12042.288	1057.435	Pass
22	57807.628	12278.755	1138.150	Pass
23	57655.262	12049.088	867.754	Pass
24	57758.295	12129.788	1298.671	Pass
25	57751.662	12205.222	1231.325	Pass
26	57773.562	12308.688	1482.149	Pass
27	57711.962	12203.222	1242.880	Pass
28	57692.395	12092.588	1063.519	Pass
29	57768.195	12157.355	1291.301	Pass
30	57799.762	12080.422	961.090	Pass
31	57683.962	12000.255	1111.899	Pass
32	57767.562	12175.022	1519.754	Pass
33	57701.695	12133.455	1075.905	Pass
34	57696.995	12018.522	957.839	Pass
35	57757.528	12144.655	1090.196	Pass
36	57714.228	12154.155	1355.203	Pass
37	57717.762	12272.955	1077.808	Pass
38	57749.762	12210.188	1295.622	Pass
39	57815.295	11820.388	1327.517	Pass
40	57639.062	11967.788	871.155	Pass
41	57653.362	12037.755	1566.013	Pass
42	57739.028	12071.288	1323.860	Pass
43	57692.495	12231.888	1532.489	Pass
44	57784.695	12018.155	1263.382	Pass
45	57670.028	11981.155	1180.591	Pass
46	57715.695	11992.988	1018.471	Pass
47	57628.328	12171.088	1524.411	Pass
48	57614.295	11900.422	1357.434	Pass
49	57686.162	12197.922	1090.957	Pass
50	57675.062	11888.422	918.510	Pass
51	57701.828	12053.355	1052.914	Pass

52	57700.795	12212.288	1478.032	Pass
53	57789.595	11872.355	911.098	Pass
54	57728.895	12188.055	1062.094	Pass
55	57740.695	12085.255	1230.528	Pass
56	57615.528	12004.855	1344.443	Pass
57	57692.162	12101.922	1245.998	Pass
58	57652.428	12140.655	1361.237	Pass
59	57639.462	12187.722	995.013	Pass
60	57731.495	12162.088	1171.644	Pass
61	57725.628	12132.322	1584.431	Pass
62	57726.428	11979.722	843.122	Pass
63	57653.028	12034.555	1066.864	Pass
64	57770.895	12203.555	1469.328	Pass
65	57668.528	12114.055	1041.952	Pass
66	57627.762	12261.722	1124.071	Pass
67	57679.762	12080.122	1284.252	Pass
68	57698.362	12121.688	1228.665	Pass
69	57664.328	12227.455	1167.490	Pass
70	57744.295	12225.455	1140.335	Pass
71	57697.595	12003.488	950.781	Pass
72	57705.128	11862.488	1066.709	Pass
73	57689.495	11899.422	1192.264	Pass
74	57726.995	12168.222	1310.177	Pass
75	57619.828	12189.788	1488.732	Pass
76	57716.095	12046.655	1066.657	Pass
77	57719.228	12030.755	1252.176	Pass
78	57684.262	12005.455	1521.392	Pass
79	57696.828	12079.855	1098.958	Pass
80	57801.362	12015.488	1335.468	Pass
81	57697.895	11978.055	1093.260	Pass
82	57791.395	12149.555	1422.722	Pass
83	57758.095	12114.555	1158.341	Pass
84	57702.995	12293.455	1681.294	Pass
85	57714.895	12061.255	1071.196	Pass
86	57776.728	12124.288	1095.821	Pass
87	57685.795	12044.755	928.037	Pass
88	57666.728	12184.322	1206.127	Pass
89	57732.795	12260.188	1485.417	Pass
90	57663.128	12024.988	1173.915	Pass
91	57657.595	11994.588	1526.549	Pass
92	57739.128	11990.155	939.703	Pass
93	57714.162	12051.855	1271.636	Pass
94	57743.028	12208.722	1296.628	Pass
95	57660.128	11983.188	1432.041	Pass
96	57719.662	12238.822	936.973	Pass
97	57716.762	11990.188	814.335	Pass
98	57726.462	12074.022	988.410	Pass
99	57706.228	12101.055	1404.560	Pass
100	57715.328	12154.888	976.956	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.05 10:12:27
Results file name:	065K1227.RTS
Inspection number:	
Item id:	K7-436
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.200 +- 0.151
Passive doubles bkgrnd:	0.015 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Passive messages

Multiplicity data overflow

Results

Singles:	11788.532 +- 2.791
Doubles:	2023.837 +- 2.542
Triples:	192.529 +- 2.185
Quads:	11.242 +- 1.739

Quads/Triples:	0.053 +- 0.009
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	11772.200	2010.785	202.954	Pass
2	11787.633	2013.452	170.817	Pass
3	11777.300	2025.318	159.684	Pass
4	11812.567	2005.418	184.301	Pass
5	11739.067	2037.118	190.855	Pass
6	11783.600	1983.418	155.584	Pass
7	11818.800	2033.318	193.234	Pass
8	11808.867	2045.818	184.763	Pass
9	11814.967	2016.752	196.119	Pass
10	11751.933	1964.652	168.635	Pass
11	11832.033	2058.585	203.476	Pass
12	11795.100	1988.818	165.151	Pass
13	11792.733	2045.152	218.081	Pass
14	11790.233	2041.185	218.514	Pass
15	11754.067	2000.018	190.489	Pass
16	11810.500	2032.552	234.627	Pass
17	11813.900	2042.552	188.714	Pass
18	11782.567	2031.918	214.260	Pass
19	11798.500	2025.718	175.548	Pass
20	11756.667	2028.052	221.944	Pass
21	11786.467	1975.818	179.278	Pass
22	11778.233	2043.652	192.736	Pass
23	11747.800	1997.418	160.140	Pass
24	11813.600	2018.352	188.901	Pass
25	11774.200	2030.085	167.491	Pass
26	11804.933	2029.785	181.196	Pass
27	11769.433	2008.552	192.376	Pass
28	11815.367	2032.185	196.033	Pass
29	11767.967	2007.885	178.169	Pass
30	11807.833	2046.185	235.243	Pass
31	11757.100	1982.318	159.869	Pass
32	11819.467	2038.052	177.181	Pass
33	11786.900	2026.218	151.789	Pass
34	11777.900	2007.618	184.148	Pass
35	11737.367	2014.652	155.357	Pass
36	11802.800	2024.152	201.953	Pass
37	11804.700	2005.318	189.553	Pass
38	11786.700	2019.385	185.024	Pass
39	11758.333	2058.552	214.792	Pass
40	11789.767	2050.118	204.731	Pass
41	11823.933	2012.918	163.003	Pass
42	11806.400	2095.185	242.274	Pass
43	11789.233	2032.685	197.348	Pass
44	11759.400	1977.985	184.072	Pass
45	11731.900	2020.052	183.697	Pass
46	11795.800	1986.318	169.357	Pass
47	11807.833	2053.618	202.755	Pass

48	11818.667	2051.285	191.828	Pass
49	11748.833	2039.952	231.232	Pass
50	11794.200	1996.585	185.405	Pass
51	11799.900	2032.352	218.316	Pass
52	11833.867	2042.385	204.771	Pass
53	11847.633	2066.652	175.838	Pass
54	11770.700	2051.085	208.913	Pass
55	11757.867	2007.218	163.885	Pass
56	11781.167	1973.618	119.406	Fail outlier test
57	11813.100	2044.752	212.128	Pass
58	11773.300	1970.452	165.054	Pass
59	11773.233	2013.885	179.530	Pass
60	11758.333	2018.218	221.594	Pass
61	11788.267	2059.585	214.006	Pass
62	11838.533	2056.018	184.346	Pass
63	11788.633	2036.685	177.024	Pass
64	11785.833	1999.052	175.676	Pass
65	11833.400	2059.252	220.233	Pass
66	11735.067	2012.685	179.677	Pass
67	11773.200	2020.185	190.356	Pass
68	11796.433	2013.218	175.044	Pass
69	11771.000	1962.552	178.516	Pass
70	11837.500	2041.318	202.123	Pass
71	11816.167	2023.018	226.400	Pass
72	11722.833	2006.385	207.269	Pass
73	11818.700	2016.452	202.581	Pass
74	11758.367	2028.985	216.315	Pass
75	11805.067	2017.252	198.683	Pass
76	11767.067	2022.885	195.822	Pass
77	11820.900	2004.252	186.029	Pass
78	11802.033	2094.318	204.283	Pass
79	11796.900	2018.952	163.338	Pass
80	11785.533	2039.485	197.001	Pass
81	11788.833	2017.918	204.109	Pass
82	11787.567	2003.385	151.698	Pass
83	11802.633	2037.252	198.251	Pass
84	11742.700	2044.718	215.562	Pass
85	11779.967	2028.785	172.871	Pass
86	11841.667	2009.652	193.339	Pass
87	11735.867	2018.918	194.616	Pass
88	11769.267	2013.652	216.434	Pass
89	11829.933	10142.818	62384.803	Fail outlier test
90	11779.733	2023.418	172.532	Pass
91	11845.533	2063.418	241.057	Pass
92	11770.800	2040.652	232.705	Pass
93	11791.533	2066.885	185.247	Pass
94	11821.400	2012.685	174.415	Pass
95	11764.733	2038.018	197.351	Pass
96	11766.900	2016.518	185.683	Pass
97	11815.033	1970.252	150.472	Pass
98	11781.133	2004.452	219.459	Pass
99	11796.433	2043.685	211.751	Pass
100	11773.567	1984.485	180.921	Pass
101	11816.733	2041.452	234.106	Pass

102	11755.533	2010.485	190.199	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.05 11:16:38
Results file name:	065L1638.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50	
Gate length:	64.00	
2nd gate length:	64.00	
High voltage:	1720	
Die away time:	50.0000	
Efficiency:	0.1620	
Multiplicity deadtime:	0.0000	
Coefficient A deadtime:	0.0000	
Coefficient B deadtime:	0.0000	
Coefficient C deadtime:	0.0000	
Doubles gate fraction:	0.6599	
Triples gate fraction:	0.4260	
Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	9.200 +-	0.151
Passive doubles bkgrnd:	0.015 +-	0.005
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	100	
Count time (sec):	30	

Results

Singles:	35327.704 +-	4.558
Doubles:	6027.245 +-	6.176
Triples:	541.548 +-	9.003
Quads:	26.754 +-	10.327
Quads/Triples:	0.032 +-	0.020
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35322.667	5931.452	585.164	Pass
2	35352.000	6102.518	506.327	Pass
3	35332.633	6078.552	677.801	Pass
4	35345.567	6019.852	440.720	Pass
5	35272.067	6003.618	612.258	Pass
6	35337.233	5958.985	371.117	Pass
7	35409.767	6151.685	616.928	Pass
8	35353.633	6030.685	534.440	Pass
9	35330.333	6023.152	655.544	Pass
10	35355.100	5992.385	405.487	Pass
11	35382.800	6119.085	740.179	Pass
12	35395.033	6118.718	531.922	Pass
13	35347.400	6017.718	533.519	Pass
14	35355.667	6056.552	450.285	Pass
15	35399.767	5999.652	406.130	Pass
16	35305.367	5934.285	382.313	Pass
17	35361.500	6011.018	491.522	Pass
18	35350.200	6046.118	467.353	Pass
19	35370.533	6076.718	577.893	Pass
20	35351.300	6022.018	571.665	Pass
21	35227.300	5961.352	455.030	Pass
22	35372.433	6041.652	537.013	Pass
23	35351.633	6005.152	453.874	Pass
24	35403.367	6095.885	602.162	Pass
25	35264.500	5951.652	590.923	Pass
26	35312.467	5948.885	576.077	Pass
27	35398.200	5988.452	534.938	Pass
28	35283.133	6093.018	558.282	Pass
29	35376.600	5909.252	719.184	Pass
30	35365.767	5987.085	647.384	Pass
31	35309.633	6016.785	588.940	Pass
32	35317.667	5963.318	525.264	Pass
33	35396.933	6082.518	477.192	Pass
34	35266.433	6087.785	631.280	Pass
35	35298.067	6042.085	495.282	Pass
36	35265.200	5951.218	462.560	Pass
37	35294.133	6064.718	447.060	Pass
38	35343.533	6012.385	568.437	Pass
39	35288.733	5955.118	516.523	Pass
40	35338.667	6061.152	603.905	Pass
41	35300.033	6003.152	579.822	Pass
42	35233.133	6060.018	575.152	Pass
43	35361.767	6153.418	696.629	Pass
44	35345.300	6001.852	470.365	Pass
45	35286.300	6010.918	502.519	Pass
46	35203.000	5991.218	440.314	Pass
47	35278.800	5976.852	649.685	Pass
48	35312.033	6058.618	622.953	Pass
49	35346.333	6121.652	439.580	Pass
50	35297.233	6086.318	571.297	Pass
51	35323.433	5993.952	462.181	Pass

52	35325.400	6089.518	557.501	Pass
53	35291.000	5968.452	517.708	Pass
54	35306.900	6053.118	657.789	Pass
55	35277.967	6020.485	598.075	Pass
56	35329.833	5974.585	403.739	Pass
57	35375.000	6020.318	653.439	Pass
58	35371.067	5972.418	419.468	Pass
59	35361.833	6064.685	485.502	Pass
60	35271.367	6023.585	723.381	Pass
61	35319.900	6001.052	473.549	Pass
62	35230.133	5969.385	398.033	Pass
63	35255.233	6069.085	613.318	Pass
64	35325.000	6044.952	563.342	Pass
65	35297.767	5949.718	548.625	Pass
66	35351.200	6158.285	474.894	Pass
67	35388.400	5905.918	344.827	Pass
68	35362.167	6027.018	561.374	Pass
69	35326.467	6064.318	538.867	Pass
70	35405.933	5944.118	470.576	Pass
71	35370.400	6096.252	620.026	Pass
72	35335.367	5956.618	440.459	Pass
73	35321.267	5987.185	388.883	Pass
74	35284.533	6029.952	621.603	Pass
75	35344.500	6060.552	552.217	Pass
76	35285.600	5962.752	564.096	Pass
77	35343.000	6047.185	492.583	Pass
78	35413.933	5933.418	528.300	Pass
79	35349.900	6025.418	431.658	Pass
80	35281.867	6022.985	481.600	Pass
81	35308.400	5978.685	579.121	Pass
82	35346.500	6115.385	437.378	Pass
83	35293.867	5978.052	650.975	Pass
84	35275.033	5919.285	569.800	Pass
85	35361.400	6037.385	475.270	Pass
86	35310.700	6177.418	661.260	Pass
87	35414.033	6078.385	738.574	Pass
88	35307.933	6076.618	605.969	Pass
89	35356.400	6096.018	522.539	Pass
90	35287.700	5962.552	512.689	Pass
91	35416.267	6091.552	567.768	Pass
92	35355.500	6045.552	497.365	Pass
93	35314.367	6150.418	552.933	Pass
94	35264.367	6112.818	651.145	Pass
95	35317.133	6034.518	634.383	Pass
96	35352.267	6113.818	752.163	Pass
97	35301.267	5963.152	496.239	Pass
98	35315.733	5987.952	538.536	Pass
99	35321.433	6052.685	437.153	Pass
100	35254.833	5936.685	585.845	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.05 13:37:31
Results file name:	065N3731.RTS
Inspection number:	
Item id:	K7&Q2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50	
Gate length:	64.00	
2nd gate length:	64.00	
High voltage:	1720	
Die away time:	50.0000	
Efficiency:	0.1620	
Multiplicity deadtime:	0.0000	
Coefficient A deadtime:	0.0000	
Coefficient B deadtime:	0.0000	
Coefficient C deadtime:	0.0000	
Doubles gate fraction:	0.6599	
Triples gate fraction:	0.4260	
Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	9.200 +-	0.151
Passive doubles bkgrnd:	0.015 +-	0.005
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	
Number passive cycles:	100	
Count time (sec):	30	

Results

Singles:	47126.654 +-	5.094
Doubles:	8030.426 +-	9.424
Triples:	676.183 +-	14.596
Quads:	29.648 +-	15.628
Quads/Triples:	0.009 +-	0.025
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	47154.233	7969.818	552.857	Pass
2	47166.267	7984.685	447.122	Pass
3	47202.800	7892.218	358.387	Pass
4	47146.867	7793.018	551.202	Pass
5	47101.800	7943.885	590.405	Pass
6	47093.767	8036.352	880.574	Pass
7	47119.533	7999.252	610.838	Pass
8	47118.533	8072.085	682.994	Pass
9	47157.733	8086.818	276.084	Pass
10	47149.133	7957.085	497.211	Pass
11	47147.700	8094.085	723.840	Pass
12	47217.800	8019.785	450.882	Pass
13	47131.867	8067.318	832.484	Pass
14	47151.033	7941.685	634.746	Pass
15	47099.733	7917.218	857.278	Pass
16	47174.867	8103.452	704.411	Pass
17	47016.167	7963.385	670.306	Pass
18	47107.100	8082.885	612.491	Pass
19	47203.800	7865.085	718.554	Pass
20	47188.667	7966.785	717.259	Pass
21	47143.133	8186.952	852.740	Pass
22	47166.400	8175.685	741.013	Pass
23	47163.967	8066.952	654.584	Pass
24	47075.800	8022.218	592.879	Pass
25	47153.533	7916.718	510.689	Pass
26	47127.433	7990.885	570.630	Pass
27	47156.600	8061.618	632.803	Pass
28	47110.467	8130.452	787.678	Pass
29	47065.267	8133.985	939.365	Pass
30	47079.400	7965.552	695.230	Pass
31	47129.633	8179.552	1036.149	Pass
32	47129.567	8007.885	748.455	Pass
33	47128.667	8220.818	705.142	Pass
34	47106.400	7824.485	600.802	Pass
35	47040.600	8020.818	584.669	Pass
36	47139.467	8179.452	593.245	Pass
37	47120.833	7978.118	693.023	Pass
38	47146.633	8158.252	933.050	Pass
39	47150.100	8004.085	715.098	Pass
40	47189.667	8095.018	717.525	Pass
41	47261.233	8136.618	729.829	Pass
42	47134.500	8038.718	638.830	Pass
43	47094.400	8115.185	728.262	Pass
44	47077.067	8282.618	1047.511	Pass
45	46981.967	7840.152	741.090	Pass
46	47180.367	7861.152	516.374	Pass
47	47057.900	8060.652	871.845	Pass
48	47134.733	7982.418	511.653	Pass
49	47005.433	7932.085	648.412	Pass
50	47098.133	7993.385	500.545	Pass
51	47170.400	8167.485	615.077	Pass

52	47100.733	8001.418	691.852	Pass
53	47134.267	7883.685	760.291	Pass
54	47157.933	8056.552	678.523	Pass
55	47147.233	8030.385	719.121	Pass
56	47144.000	8110.252	720.808	Pass
57	47130.633	8030.518	777.523	Pass
58	47133.400	8049.685	742.848	Pass
59	47126.667	7911.585	554.866	Pass
60	47179.000	8076.152	785.189	Pass
61	47142.067	7893.985	368.719	Pass
62	47107.533	8052.718	793.664	Pass
63	47127.700	7971.685	686.872	Pass
64	47138.867	8070.452	725.350	Pass
65	47023.500	8002.185	768.149	Pass
66	47116.133	8130.418	674.332	Pass
67	47096.333	8026.985	610.780	Pass
68	47201.533	8039.852	574.615	Pass
69	47122.800	8066.218	643.008	Pass
70	47093.300	8049.252	573.500	Pass
71	47170.167	8067.885	653.452	Pass
72	47102.400	8142.185	807.958	Pass
73	47245.867	8011.985	661.337	Pass
74	47088.167	8130.885	1020.786	Pass
75	47141.267	7910.418	715.846	Pass
76	47126.533	8005.752	270.380	Pass
77	47115.967	7839.885	476.732	Pass
78	47169.300	8086.418	586.949	Pass
79	47038.600	8094.918	529.535	Pass
80	47097.700	8057.718	757.101	Pass
81	47162.433	8114.552	744.641	Pass
82	47067.933	8112.818	824.093	Pass
83	47239.033	8005.585	546.558	Pass
84	47203.600	7957.952	616.595	Pass
85	47131.500	8073.885	736.579	Pass
86	47101.300	8069.785	623.178	Pass
87	47155.633	8063.552	709.855	Pass
88	47093.067	8104.185	921.516	Pass
89	47137.433	8093.452	672.243	Pass
90	47083.367	7921.885	727.182	Pass
91	47087.333	8094.518	608.825	Pass
92	47066.167	7943.318	743.833	Pass
93	47068.533	7918.118	788.344	Pass
94	47201.400	8020.418	633.910	Pass
95	47129.433	8059.452	692.524	Pass
96	47132.933	7875.385	368.364	Pass
97	47020.467	7956.452	655.363	Pass
98	47043.133	8156.518	792.829	Pass
99	47157.667	8108.485	925.643	Pass
100	47094.300	8103.418	733.538	Pass

【AFAS 性能確認試験】

(4)　2.4.2　測定パラメータの再評価

（中性子検出効率の評価）

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.06.01 09:59:06
Results file name:	061J5906.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6400
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Passive singles bkgrnd:	13.013 +- 0.161
Passive doubles bkgrnd:	0.107 +- 0.015
Passive triples bkgrnd:	0.022 +- 0.009
Passive scaler1 bkgrnd:	2.190
Passive scaler2 bkgrnd:	4.513
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	12835813
Shift register reals + accidentals sum:	14462714
Shift register accidentals sum:	6590355
Shift register 1st scaler sum:	3731862
Shift register 2nd scaler sum:	2428184

Passive summed multiplicity distributions

	R+A sums	A sums
0	5037233	9004020
1	3909619	2123613
2	2191486	1024668
3	1015331	438594
4	424764	162267
5	165452	55641
6	60467	18456
7	21256	5926
8	7038	1850
9	2184	556
10	669	161
11	230	46
12	61	13
13	15	1
14	7	0
15	1	0

Results

Singles:	21393.872 +- 10.545
Doubles:	13154.536 +- 11.506
Triples:	4608.609 +- 13.416
Quads:	949.321 +- 17.321
Quads/Triples:	0.206 +- 0.003
Scaler 1:	6217.580 +- 3.436
Scaler 2:	4042.460 +- 3.122

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected doubles rate:	13096.7412 +- 7.0992
Cf252 measured doubles rate:	13154.5359 +- 11.5055
Doubles rate expected/measured:	0.9956 +- 0.0010
New normalization constant:	1.0000 +- 0.0000
Normalization test Passed.	

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	642031	725248	329763	186839	121616	Pass
2	640608	719369	328303	186074	120977	Pass
3	641012	722799	328717	186693	120854	Pass
4	638538	716624	326184	185742	120969	Pass
5	641761	724284	329486	186852	121252	Pass
6	641613	723330	329334	186180	121435	Pass
7	641908	720916	329638	186188	121619	Pass
8	640299	722090	327987	185873	121031	Pass
9	645369	728307	333200	187640	122213	Pass
10	642221	724172	329958	186808	121707	Pass
11	642047	722376	329779	186811	121163	Pass
12	642713	724064	330463	186548	121985	Pass
13	643008	726715	330767	187263	121395	Pass
14	641026	722418	328731	186114	121298	Pass
15	642662	724333	330412	186570	121486	Pass
16	639960	720286	327639	186538	120889	Pass
17	643084	723711	330846	186755	121394	Pass
18	641955	722063	329685	186668	121255	Pass

19	641244	724733	328956	186773	121272	Pass
20	642754	724876	330507	186933	122374	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	21401.894	13216.945	4666.029	Pass
2	21354.399	13069.188	4550.765	Pass
3	21367.883	13170.003	4620.671	Pass
4	21285.310	13048.158	4548.681	Pass
5	21392.882	13193.971	4658.505	Pass
6	21387.943	13167.161	4548.814	Pass
7	21397.789	13076.341	4511.032	Pass
8	21344.086	13170.667	4599.397	Pass
9	21513.305	13204.491	4599.106	Pass
10	21408.236	13174.479	4658.099	Pass
11	21402.428	13120.429	4576.873	Pass
12	21424.657	13154.018	4608.154	Pass
13	21434.503	13232.471	4719.932	Pass
14	21368.351	13156.803	4692.922	Pass
15	21422.955	13164.710	4588.807	Pass
16	21332.771	13121.990	4635.633	Pass
17	21437.040	13129.441	4553.109	Pass
18	21399.357	13113.106	4516.688	Pass
19	21375.627	13226.662	4686.741	Pass
20	21426.025	13179.687	4631.853	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.06.01 10:24:08
Results file name:	061K2408.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6400
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	13.013 +- 0.161
Passive doubles bkgrnd:	0.107 +- 0.015
Passive triples bkgrnd:	0.022 +- 0.009
Passive scaler1 bkgrnd:	2.190
Passive scaler2 bkgrnd:	4.513
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	82027542
Shift register reals + accidentals sum:	318912042
Shift register accidentals sum:	269140928
Shift register 1st scaler sum:	23842240
Shift register 2nd scaler sum:	15521909

Passive summed multiplicity distributions

	R+A sums	A sums
0	4731118	8446523
1	9726873	12787740
2	12829445	14346754
3	13444477	13373481
4	12084158	10934993
5	9703227	8101780

6	7140348	5557747
7	4879363	3573935
8	3142925	2176402
9	1918587	1263140
10	1117706	704270
11	625708	377796
12	337197	195537
13	175400	97919
14	89018	47730
15	43591	22760
16	21070	10548
17	9546	4783
18	4400	2137
19	1958	927
20	865	382
21	344	156
22	138	63
23	54	27
24	17	8
25	8	2
26	1	0

Results

Singles:	137270.023 +-	28.098
Doubles:	84344.987 +-	53.241
Triples:	29309.374 +-	136.999
Quads:	4126.564 +-	367.120
Quads/Triples:	0.140 +-	0.012
Scaler 1:	39734.877 +-	11.887
Scaler 2:	25865.335 +-	7.804

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	4098964	15930583	13441197	1190295	776304	Pass
2	4109701	16008165	13511717	1195836	777075	Pass
3	4104935	15956267	13480386	1193530	778393	Pass
4	4102216	15953188	13462552	1191867	776683	Pass
5	4097491	15910821	13431549	1191008	776640	Pass
6	4103798	15973068	13472934	1193509	776112	Pass
7	4106096	15977152	13488014	1193393	778508	Pass
8	4098186	15930300	13436105	1189903	775111	Pass
9	4103816	15952967	13473049	1192319	776136	Pass
10	4104961	15979407	13480564	1193757	776540	Pass
11	4095561	15904019	13418910	1191306	774789	Pass
12	4098213	15923402	13436282	1191106	776086	Pass
13	4098955	15921330	13441151	1191106	775504	Pass
14	4105892	15975963	13486685	1193750	775608	Pass
15	4100499	15941570	13451275	1193269	776000	Pass
16	4099416	15935088	13444164	1189583	775106	Pass
17	4095169	15873480	13416325	1190072	775188	Fail outlier test
18	4103307	15969515	13469705	1193055	776259	Pass
19	4097425	15913203	13431112	1191625	775101	Pass
20	4099109	15927857	13442151	1191070	774736	Pass
21	4099001	15928177	13441426	1190953	775218	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	137188.912	84372.295	29172.139	Pass

2	137549.814	84615.361	30551.615	Pass
3	137389.614	83916.621	28629.262	Pass
4	137298.220	84415.784	29643.154	Pass
5	137139.401	84028.997	29505.260	Pass
6	137351.396	84738.251	28796.328	Pass
7	137428.639	84366.350	29755.685	Pass
8	137162.761	84535.017	29513.003	Pass
9	137352.001	84053.065	29257.028	Pass
10	137390.488	84694.897	29621.797	Pass
11	137074.529	84226.163	28179.585	Pass
12	137163.669	84295.235	28623.589	Pass
13	137188.609	84060.241	29710.860	Pass
14	137421.782	84371.025	29972.358	Pass
15	137240.507	84403.634	29867.777	Pass
16	137204.105	84424.578	28914.493	Pass
17	137061.353	83278.602	28521.278	Fail outlier test
18	137334.892	84727.099	29648.978	Pass
19	137137.182	84124.517	28491.896	Pass
20	137193.786	84247.619	29763.296	Pass
21	137190.156	84283.000	28568.606	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.06.01 14:58:35
Results file name:	06105835.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0001
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	0.855 +- 0.027
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	352.152 +-	0.725
Doubles:	3.757 +-	0.189
Triples:	0.025 +-	0.014
Quads:	0.001 +-	0.002
Quads/Triples:	0.156 +-	0.129
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +-	0.0000
Cf252 expected singles rate:	364.5969 +-	0.2258

Cf252 measured singles rate:	352.1517 +-	0.7250
Singles rate expected/measured:	1.0353 +-	0.0415
New normalization constant:	1.0000 +-	0.0000

Normalization test Passed.

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	351.912	3.033	-0.002	Pass
2	347.445	3.733	0.117	Pass
3	346.778	2.800	0.037	Pass
4	350.812	3.667	-0.049	Pass
5	354.412	4.433	-0.001	Pass
6	352.712	2.767	0.037	Pass
7	352.478	4.600	0.062	Pass
8	355.878	5.033	0.019	Pass
9	351.078	3.033	-0.035	Pass
10	358.312	4.200	-0.064	Pass
11	352.678	5.967	0.132	Pass
12	348.178	3.600	-0.014	Pass
13	353.178	3.767	0.081	Pass
14	358.145	2.733	0.138	Pass
15	355.578	2.533	-0.091	Pass
16	353.378	3.967	0.043	Pass
17	350.912	3.600	0.019	Pass
18	350.878	3.700	0.017	Pass
19	348.612	4.133	-0.026	Pass
20	349.678	3.833	0.081	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.06.01 15:13:00
Results file name:	061P1300.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0001
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000
Passive singles bkgrnd:	0.855 +-	0.027
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	20
Count time (sec):	30

Results

Singles:	2257.590 +-	1.805
Doubles:	24.622 +-	0.384
Triples:	0.049 +-	0.210
Quads:	0.085 +-	0.082
Quads/Triples:	0.854 +-	0.755
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2249.778	26.100	0.045	Pass
2	2253.945	26.467	1.089	Pass
3	2254.678	25.067	-0.199	Pass
4	2273.578	21.800	-0.187	Pass
5	2255.178	23.767	-0.698	Pass
6	2261.145	25.500	0.204	Pass
7	2269.978	24.833	0.062	Pass
8	2257.378	21.567	-0.041	Pass
9	2257.012	24.267	-0.507	Pass
10	2255.512	27.133	2.373	Pass
11	2259.412	23.833	-0.348	Pass
12	2252.912	21.633	-0.054	Pass
13	2248.578	27.133	-1.873	Pass
14	2269.178	25.133	0.895	Pass
15	2245.312	24.267	1.420	Pass
16	2267.145	24.500	0.615	Pass
17	2254.245	26.533	-1.149	Pass
18	2243.578	24.900	0.461	Pass
19	2261.712	22.533	-0.776	Pass
20	2261.545	25.467	-0.349	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.01 10:07:07
Results file name:	061K0707.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761

Passive singles bkgrnd:	8.210 +-	0.139
Passive doubles bkgrnd:	0.003 +-	0.002
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	20
Count time (sec):	30

Passive messages

Normalization test failed

Results

Singles:	6766.129 +-	5.015
Doubles:	1450.465 +-	4.445
Triples:	176.537 +-	2.936
Quads:	10.987 +-	2.507
Quads/Triples:	0.059 +-	0.013
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +-	0.0000
Cf252 expected doubles rate:	1438.8038 +-	1.8665
Cf252 measured doubles rate:	1450.4654 +-	4.4448
Doubles rate expected/measured:	0.9920 +-	0.0033
New normalization constant:	1.0000 +-	0.0000
Normalization test Failed.		
Measured percent precision:	0.31	
Required percent precision:	0.30	
Repeat measurement for at least:	690 seconds	

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	6749.448	1446.324	183.980	Pass
2	6772.264	1436.301	174.172	Pass
3	6783.722	1432.060	173.325	Pass
4	6754.492	1429.689	166.473	Pass
5	6772.731	1440.888	164.884	Pass
6	6756.730	1441.777	168.197	Pass
7	6800.425	1478.611	157.981	Pass
8	6788.800	1473.009	181.402	Pass
9	6747.744	1437.651	165.712	Pass
10	6769.524	1463.048	173.996	Pass
11	6738.290	1437.843	157.790	Pass
12	6747.677	1437.417	183.389	Pass
13	6803.899	1468.504	208.091	Pass
14	6780.114	1484.250	196.016	Pass
15	6790.503	1476.392	190.230	Pass
16	6745.873	1421.078	169.768	Pass
17	6757.699	1454.567	191.666	Pass
18	6778.578	1480.164	168.193	Pass
19	6769.291	1437.236	170.602	Pass
20	6714.773	1432.499	184.632	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.01 10:32:39
Results file name:	061K3239.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.210 +- 0.139
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	43463.854 +- 9.054
Doubles:	9348.921 +- 19.982
Triples:	1156.512 +- 28.034
Quads:	35.296 +- 33.528
Quads/Triples:	0.022 +- 0.029
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43457.324	9356.488	1218.725	Pass
2	43489.200	9279.830	1270.831	Pass
3	43510.327	9383.474	1053.161	Pass
4	43500.659	9342.797	1141.719	Pass
5	43482.643	9278.317	1011.432	Pass
6	43503.465	9262.434	853.463	Pass
7	43462.902	9403.172	1125.629	Pass
8	43442.587	9484.009	1100.254	Pass
9	43531.285	9296.603	1207.165	Pass
10	43383.636	9361.632	1365.182	Pass
11	43494.609	9319.590	1183.830	Pass
12	43469.054	9560.127	1358.881	Pass
13	43437.787	9242.814	1204.209	Pass
14	43429.911	9409.896	1251.690	Pass
15	43426.869	9396.065	1291.353	Pass
16	43466.552	9180.396	991.744	Pass
17	43479.431	9351.822	1116.290	Pass
18	43503.871	9385.800	1155.305	Pass
19	43398.509	9250.567	1161.638	Pass
20	43406.452	9432.582	1068.841	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.06.01 11:30:31
Results file name:	061L3031.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	1.198 +- 0.036
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	351.238 +- 0.604
Doubles:	3.902 +- 0.153
Triples:	0.029 +- 0.025
Quads:	0.003 +- 0.002
Quads/Triples:	-0.032 +- 0.064
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected singles rate:	348.8830 +- 0.2288

Cf252 measured singles rate:	351.2383 +- 0.6036
Singles rate expected/measured:	0.9933 +- 0.0398
New normalization constant:	1.0000 +- 0.0000

Normalization test Passed.

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	350.235	4.167	0.173	Pass
2	348.468	3.333	-0.108	Pass
3	346.768	3.600	-0.046	Pass
4	352.235	5.133	0.150	Pass
5	347.868	3.733	-0.083	Pass
6	348.468	3.300	-0.007	Pass
7	352.002	4.433	0.199	Pass
8	352.968	4.533	0.030	Pass
9	353.635	5.033	-0.014	Pass
10	350.435	4.000	0.111	Pass
11	348.502	3.600	-0.014	Pass
12	352.302	3.100	-0.170	Pass
13	351.535	4.167	0.073	Pass
14	353.968	3.633	0.184	Pass
15	351.868	2.933	0.001	Pass
16	349.902	4.500	0.098	Pass
17	358.735	3.267	-0.109	Pass
18	353.035	3.567	0.152	Pass
19	350.102	3.033	-0.068	Pass
20	351.735	4.967	0.022	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.06.01 11:44:28
Results file name:	061L4428.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.198 +- 0.036
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	2250.472 +- 1.441
Doubles:	23.587 +- 0.814
Triples:	-0.031 +- 0.216
Quads:	-0.040 +- 0.063
Quads/Triples:	0.016 +- 0.227
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2254.435	22.933	1.489	Pass
2	2249.835	28.700	-0.272	Pass
3	2244.468	20.333	0.235	Pass
4	2254.235	20.800	-0.874	Pass
5	2242.968	19.933	-1.201	Pass
6	2252.302	24.400	-0.343	Pass
7	2258.968	26.000	0.672	Pass
8	2259.802	24.100	-0.274	Pass
9	2259.002	23.467	-2.328	Pass
10	2254.568	27.167	1.411	Pass
11	2241.535	20.300	1.649	Pass
12	2242.702	18.600	0.243	Pass
13	2252.568	31.467	0.136	Pass
14	2241.135	29.533	0.724	Pass
15	2259.235	25.167	0.221	Pass
16	2255.168	23.200	-0.397	Pass
17	2249.335	21.367	-0.378	Pass
18	2243.068	19.567	0.052	Pass
19	2248.335	19.700	-0.232	Pass
20	2245.768	25.000	-1.157	Pass

(2)

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.06.02 10:02:06
Results file name:	062K0206.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6400
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Passive singles bkgrnd:	12.410 +- 0.164
Passive doubles bkgrnd:	0.145 +- 0.020
Passive triples bkgrnd:	0.033 +- 0.013
Passive scaler1 bkgrnd:	2.040
Passive scaler2 bkgrnd:	4.543
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	12830230
Shift register reals + accidentals sum:	14450021
Shift register accidentals sum:	6584623
Shift register 1st scaler sum:	3727253
Shift register 2nd scaler sum:	2429772

Passive summed multiplicity distributions

	R+A sums	A sums
0	5035929	9002040
1	3907378	2121095
2	2191642	1023838

3	1016160	438696
4	422019	162120
5	165343	55500
6	60544	18401
7	21104	5956
8	7051	1832
9	2192	543
10	652	148
11	167	42
12	36	12
13	11	0
14	2	0

Results

Singles:	21385.158 +- 10.365
Doubles:	13142.851 +- 13.873
Triples:	4586.855 +- 14.889
Quads:	921.289 +- 19.161
Quads/Triples:	0.201 +- 0.004
Scaler 1:	6210.048 +- 3.313
Scaler 2:	4045.077 +- 2.771

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected doubles rate:	13087.3477 +- 7.0941
Cf252 measured doubles rate:	13142.8510 +- 13.8734
Doubles rate expected/measured:	0.9958 +- 0.0012
New normalization constant:	1.0000 +- 0.0000
Normalization test Passed.	

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	643689	726318	331468	187242	121840	Pass
2	641767	722242	329493	186034	121620	Pass
3	641101	722977	328809	186407	121656	Pass
4	639320	721419	326984	185406	121198	Pass
5	640823	721180	328523	186313	122048	Pass
6	639345	716865	327010	185740	120989	Pass
7	643284	721197	331051	186766	121815	Pass
8	639811	720717	327486	185774	121018	Pass
9	642130	721924	329865	186116	121461	Pass
10	640703	723283	328401	186268	121676	Pass
11	643513	725516	331287	186955	121766	Pass
12	642975	726973	330733	186657	121391	Pass
13	639695	721249	327368	186384	120989	Pass
14	641864	722613	329592	186528	121630	Pass
15	641090	721119	328797	186259	121329	Pass
16	641700	723077	329423	185897	121787	Pass
17	642818	727086	330572	186637	121509	Pass
18	641879	723772	329607	186575	121535	Pass
19	640147	717721	327831	186722	120599	Pass

20	642576	722773	330323	186573	121916	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	21457.836	13195.774	4559.470	Pass
2	21393.686	13125.456	4581.828	Pass
3	21371.457	13172.843	4698.268	Pass
4	21312.014	13181.671	4654.766	Pass
5	21362.179	13122.331	4528.948	Pass
6	21312.848	13028.612	4492.204	Pass
7	21444.318	13038.544	4534.130	Pass
8	21328.402	13141.460	4575.285	Pass
9	21405.802	13102.416	4587.060	Pass
10	21358.173	13196.684	4663.972	Pass
11	21451.962	13175.010	4589.387	Pass
12	21434.005	13242.189	4690.492	Pass
13	21324.530	13163.177	4611.376	Pass
14	21396.924	13134.551	4558.037	Pass
15	21371.090	13111.150	4611.968	Pass
16	21391.450	13155.697	4619.953	Pass
17	21428.765	13251.338	4616.132	Pass
18	21397.424	13172.784	4605.909	Pass
19	21339.616	13029.823	4420.576	Pass
20	21420.688	13115.506	4536.880	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.06.02 10:27:12
Results file name:	062K2712.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6400
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	12.410 +- 0.164
Passive doubles bkgrnd:	0.145 +- 0.020
Passive triples bkgrnd:	0.033 +- 0.013
Passive scaler1 bkgrnd:	2.040
Passive scaler2 bkgrnd:	4.543
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	81958231
Shift register reals + accidentals sum:	318418216
Shift register accidentals sum:	268686170
Shift register 1st scaler sum:	23827554
Shift register 2nd scaler sum:	15514116

Passive summed multiplicity distributions

	R+A sums	A sums
0	4734776	8449982
1	9730555	12788558
2	12839558	14350337
3	13436062	13367376
4	12068476	10919689
5	9686651	8086051
6	7122299	5541909
7	4872600	3566481
8	3132268	2170270
9	1914367	1259710
10	1114124	700512
11	623659	375762
12	336453	194508
13	176053	97765
14	88445	47753
15	43359	22492
16	20943	10598
17	9807	4807
18	4366	2107
19	1970	915
20	835	395
21	392	161
22	156	66
23	33	23
24	19	7
25	4	1
26	1	1

Results

Singles:	137154.140 +- 24.025
Doubles:	84277.548 +- 58.314
Triples:	29539.311 +- 112.572
Quads:	4520.271 +- 242.177
Quads/Triples:	0.153 +- 0.008
Scaler 1:	39710.550 +- 6.674
Scaler 2:	25852.317 +- 6.752

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	4102385	15958808	13463647	1192110	776645	Pass
2	4098353	15924738	13437205	1190651	775314	Pass
3	4104883	15961187	13480048	1193325	777401	Pass
4	4097939	15917206	13434486	1190602	775784	Pass
5	4098960	15934067	13441181	1192071	776033	Pass
6	4098376	15928055	13437359	1192551	774037	Pass
7	4095204	15904873	13416555	1191618	774456	Pass
8	4093928	15894676	13408202	1191363	774224	Pass
9	4097873	15923112	13434048	1190216	775710	Pass
10	4102549	15955525	13464710	1192477	776292	Pass
11	4096186	15915625	13422986	1190706	774784	Pass
12	4093850	15881679	13407683	1190337	775892	Pass

13	4096225	15902938	13423238	1190669	776298	Pass
14	4096623	15907581	13425846	1190833	775779	Pass
15	4098490	15940796	13438092	1190814	776485	Pass
16	4099246	15936703	13443044	1191407	776989	Pass
17	4092350	15873772	13397859	1191059	775752	Pass
18	4100117	15920688	13448761	1190397	776195	Pass
19	4100243	15939629	13449597	1192572	774938	Pass
20	4094451	15896558	13411623	1191776	775108	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	137304.504	84569.171	29291.696	Pass
2	137168.978	84309.243	29828.205	Pass
3	137388.469	84094.778	28444.109	Pass
4	137155.062	84145.974	29402.823	Pass
5	137189.381	84490.880	30145.865	Pass
6	137169.751	84416.454	29538.581	Pass
7	137063.132	84334.763	29524.729	Pass
8	137020.243	84271.826	30505.198	Pass
9	137152.844	84360.967	30419.146	Pass
10	137310.017	84421.927	29968.505	Pass
11	137096.140	84481.551	29782.690	Pass
12	137017.621	83848.892	29917.072	Pass
13	137097.451	84043.029	29494.762	Pass
14	137110.828	84112.137	29379.866	Pass
15	137173.583	84823.478	29436.264	Pass
16	137198.994	84517.178	29327.334	Pass
17	136967.203	83913.349	28949.605	Pass
18	137228.271	83780.916	28973.846	Pass
19	137232.506	84394.593	29074.992	Pass
20	137037.822	84219.846	29380.207	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.06.02 13:52:12
Results file name:	062N5212.RTS
Inspection number:	
Item id:	H4-694
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0001
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.490 +- 0.036
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	317.577 +- 0.629
Doubles:	3.052 +- 0.140
Triples:	0.021 +- 0.016
Quads:	-0.001 +- 0.000
Quads/Triples:	-0.041 +- 0.051
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	317.777	3.033	-0.029	Pass
2	316.277	3.567	0.094	Pass
3	317.877	3.533	-0.006	Pass
4	314.443	2.433	0.084	Pass
5	319.477	3.333	-0.002	Pass
6	319.243	2.433	-0.083	Pass
7	318.277	3.500	0.062	Pass
8	319.710	3.100	0.003	Pass
9	318.610	2.600	0.213	Pass
10	313.110	2.900	0.042	Pass
11	312.477	3.233	-0.065	Pass
12	318.243	3.600	0.026	Pass
13	318.543	3.600	0.092	Pass
14	319.043	2.300	-0.047	Pass
15	320.710	4.433	0.009	Pass
16	321.410	3.167	0.001	Pass
17	322.110	2.467	-0.018	Pass
18	316.877	2.533	-0.052	Pass
19	313.810	3.533	0.095	Pass
20	313.510	1.733	-0.002	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.06.02 14:29:24
Results file name:	06202924.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	2nd
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0001
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.490 +- 0.036
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	2040.735 +-	2.060
Doubles:	20.808 +-	0.687
Triples:	-0.023 +-	0.186
Quads:	0.014 +-	0.053
Quads/Triples:	-2.209 +-	2.395
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2027.410	24.367	1.887	Pass
2	2060.310	20.300	-0.575	Pass
3	2047.677	21.100	0.162	Pass
4	2034.310	28.633	0.873	Pass
5	2038.910	25.567	-0.560	Pass
6	2030.777	17.067	-1.482	Pass
7	2038.843	19.233	1.484	Pass
8	2029.877	19.300	-0.638	Pass
9	2046.277	19.300	0.171	Pass
10	2049.243	16.167	-0.751	Pass
11	2030.777	19.333	0.781	Pass
12	2040.643	24.567	-0.211	Pass
13	2044.243	20.900	-0.570	Pass
14	2032.177	17.833	-0.459	Pass
15	2042.377	21.433	-0.008	Pass
16	2048.843	20.300	0.140	Pass
17	2049.310	21.033	-1.127	Pass
18	2031.077	21.933	0.443	Pass
19	2054.843	17.267	-0.239	Pass
20	2036.777	20.533	0.221	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.02 10:09:59
Results file name:	062K0959.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Passive singles bkgrnd:	9.265 +- 0.121
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Passive messages

Normalization test failed

Results

Singles:	5531.305 +-	3.107
Doubles:	949.983 +-	2.859
Triples:	92.301 +-	1.921
Quads:	4.267 +-	1.066
Quads/Triples:	0.045 +-	0.011
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +-	0.0000
Cf252 expected doubles rate:	944.0119 +-	1.4324
Cf252 measured doubles rate:	949.9834 +-	2.8586
Doubles rate expected/measured:	0.9937 +-	0.0033
New normalization constant:	1.0000 +-	0.0000
Normalization test Failed.		
Measured percent precision:	0.30	
Required percent precision:	0.30	
Repeat measurement for at least:	670 seconds	

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	5543.900	947.413	96.167	Pass
2	5537.294	974.395	93.446	Pass
3	5541.631	951.753	97.393	Pass
4	5539.696	950.083	87.883	Pass
5	5507.499	959.290	95.872	Pass
6	5526.083	923.728	89.382	Pass
7	5535.325	956.260	113.777	Pass
8	5514.172	957.589	96.412	Pass
9	5511.503	963.967	97.050	Pass
10	5528.986	940.094	80.438	Pass
11	5535.792	950.883	103.731	Pass
12	5524.682	939.692	82.057	Pass
13	5549.105	972.629	93.495	Pass
14	5552.008	961.242	96.469	Pass
15	5534.591	949.647	97.940	Pass
16	5507.966	933.040	76.076	Pass
17	5551.274	946.747	87.943	Pass
18	5521.812	942.162	88.876	Pass
19	5523.147	937.387	83.203	Pass
20	5539.630	941.667	88.390	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.02 10:35:14
Results file name:	062K3514.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.265 +- 0.121
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	35481.957 +- 10.141
Doubles:	6103.306 +- 15.964
Triples:	597.429 +- 18.119
Quads:	11.196 +- 25.759
Quads/Triples:	-0.003 +- 0.050
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35511.677	6095.373	536.208	Pass
2	35489.541	6152.119	561.242	Pass
3	35430.916	6213.004	621.373	Pass
4	35481.928	5955.269	371.997	Pass
5	35446.075	6126.786	666.675	Pass
6	35469.686	6187.543	608.081	Pass
7	35454.292	6055.130	513.381	Pass
8	35454.292	6140.133	745.065	Pass
9	35459.558	6017.111	700.777	Pass
10	35467.741	6141.308	570.195	Pass
11	35495.813	6039.255	672.465	Pass
12	35512.851	6097.738	601.034	Pass
13	35469.653	6175.597	593.400	Pass
14	35498.798	6079.317	646.474	Pass
15	35409.116	6060.299	621.452	Pass
16	35515.836	6118.126	538.560	Pass
17	35518.686	6017.706	677.074	Pass
18	35527.474	6060.817	585.213	Pass
19	35416.360	6241.116	588.830	Pass
20	35608.840	6092.372	530.765	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.06.02 11:01:23
Results file name:	062L0123.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Passive singles bkgrnd:	1.308 +- 0.047
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	316.257 +- 0.742
Doubles:	2.848 +- 0.128
Triples:	0.021 +- 0.017
Quads:	-0.001 +- 0.000
Quads/Triples:	-0.010 +- 0.012
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected singles rate:	311.9033 +- 0.2459

Cf252 measured singles rate:	316.2567 +- 0.7416
Singles rate expected/measured:	0.9862 +- 0.0395
New normalization constant:	1.0000 +- 0.0000

Normalization test Passed.

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	313.058	2.233	0.022	Pass
2	317.358	2.467	0.017	Pass
3	321.192	3.000	0.038	Pass
4	314.225	2.500	-0.017	Pass
5	311.925	3.667	0.027	Pass
6	315.092	2.200	-0.011	Pass
7	316.092	2.233	0.022	Pass
8	317.392	3.433	0.130	Pass
9	313.658	1.867	-0.070	Pass
10	313.525	3.267	-0.032	Pass
11	316.325	2.767	-0.023	Pass
12	320.192	3.667	-0.009	Pass
13	314.358	3.800	-0.010	Pass
14	321.292	2.533	-0.019	Pass
15	316.025	3.167	0.136	Pass
16	318.358	2.833	0.009	Pass
17	314.292	2.600	-0.085	Pass
18	324.158	3.500	0.227	Pass
19	313.258	2.933	-0.059	Pass
20	313.358	2.300	0.120	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.06.02 11:14:20
Results file name:	062L1420.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.308 +- 0.047
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	2019.085 +- 1.948
Doubles:	20.108 +- 0.840
Triples:	0.346 +- 0.163
Quads:	0.051 +- 0.049
Quads/Triples:	-0.195 +- 0.225
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2013.192	25.500	1.146	Pass
2	2026.625	18.233	-0.621	Pass
3	2019.292	24.400	1.307	Pass
4	2019.425	22.067	0.854	Pass
5	2007.592	15.300	0.795	Pass
6	2024.625	23.767	0.148	Pass
7	2023.658	26.000	1.556	Pass
8	2034.725	22.000	1.296	Pass
9	2018.925	21.533	-0.788	Pass
10	2016.292	18.667	1.082	Pass
11	2026.558	18.467	-0.188	Pass
12	2027.125	21.167	0.727	Pass
13	2024.658	24.233	-0.601	Pass
14	2029.025	12.367	-0.174	Pass
15	2007.425	14.700	-0.186	Pass
16	2021.092	21.767	0.812	Pass
17	2000.258	18.800	-0.238	Pass
18	2013.092	19.167	-0.271	Pass
19	2007.658	17.067	0.180	Pass
20	2020.458	16.967	0.079	Pass

【AFAS 性能確認試験】

(5)　2.4.3　測定パラメータの再評価

（ダイアウェイタイム、ゲート幅の評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.03 10:26:05
Results file name:	063K2605.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 20us

Predelay:	1.50
Gate length:	20.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	7.285 +- 0.128
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	43414.148 +-	4.908
Doubles:	4519.089 +-	4.463
Triples:	199.190 +-	3.404
Quads:	-3.753 +-	2.305
Quads/Triples:	-0.029 +-	0.012
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43430.160	4563.711	174.607	Pass
2	43437.089	4482.909	132.142	Pass
3	43426.611	4507.591	242.802	Pass
4	43461.325	4561.780	189.186	Pass
5	43401.023	4508.957	175.315	Pass
6	43405.248	4550.374	204.918	Pass
7	43460.278	4620.424	216.065	Pass
8	43440.976	4460.538	202.335	Pass
9	43421.709	4553.918	191.825	Pass
10	43377.666	4481.333	162.889	Pass
11	43393.552	4554.213	225.402	Pass
12	43471.737	4481.569	154.923	Pass
13	43397.541	4480.087	214.379	Pass
14	43468.052	4536.195	195.774	Pass
15	43415.591	4496.386	186.302	Pass
16	43252.231	4434.259	155.873	Pass
17	43357.621	4507.323	182.168	Pass
18	43357.351	4490.460	213.596	Pass
19	43382.094	4581.359	193.454	Pass
20	43441.923	4545.374	217.636	Pass
21	43482.891	4538.055	198.011	Pass
22	43404.775	4485.078	212.093	Pass
23	43401.766	4521.367	206.137	Pass
24	43340.957	4551.934	222.168	Pass
25	43454.497	4512.162	172.261	Pass
26	43393.924	4569.363	196.698	Pass
27	43395.986	4514.084	219.190	Pass
28	43283.091	4517.595	222.162	Pass
29	43446.655	4488.386	217.433	Pass
30	43368.472	4492.548	133.487	Pass
31	43375.266	4559.026	245.518	Pass
32	43400.583	4553.719	199.194	Pass
33	43448.988	4458.161	131.310	Pass
34	43383.547	4477.168	161.365	Pass
35	43368.235	4573.264	169.506	Pass
36	43360.528	4498.181	239.065	Pass
37	43458.249	4573.151	168.705	Pass
38	43460.548	4550.912	162.110	Pass
39	43516.458	4519.060	177.521	Pass
40	43415.321	4487.165	138.672	Pass
41	43526.768	4450.980	225.008	Pass
42	43411.400	4569.175	287.687	Pass
43	43494.486	4551.628	272.211	Pass
44	43444.289	4488.105	161.759	Pass
45	43417.247	4480.590	170.754	Pass
46	43488.367	4544.447	254.134	Pass
47	43434.655	4542.713	189.647	Pass
48	43390.003	4502.310	195.097	Pass
49	43517.472	4485.917	141.946	Pass
50	43375.164	4562.042	206.133	Pass
51	43396.189	4429.528	131.654	Pass

52	43387.062	4493.527	155.410	Pass
53	43415.828	4547.080	211.616	Pass
54	43376.415	4547.239	187.889	Pass
55	43370.939	4460.029	234.417	Pass
56	43372.257	4481.831	141.856	Pass
57	43466.092	4585.856	188.890	Pass
58	43380.742	4585.537	173.454	Pass
59	43404.166	4424.649	157.013	Pass
60	43454.464	4542.702	251.693	Pass
61	43440.909	4572.140	225.554	Pass
62	43441.382	4548.114	190.177	Pass
63	43315.776	4592.611	205.075	Pass
64	43414.476	4581.454	176.420	Pass
65	43407.648	4472.919	204.634	Pass
66	43449.664	4469.200	188.263	Pass
67	43402.341	4452.784	203.240	Pass
68	43336.158	4505.719	172.950	Pass
69	43425.935	4449.287	144.903	Pass
70	43410.149	4590.901	208.180	Pass
71	43396.966	4516.691	183.261	Pass
72	43365.937	4471.462	226.071	Pass
73	43475.117	4512.668	234.778	Pass
74	43394.431	4532.759	212.092	Pass
75	43412.786	4501.862	217.817	Pass
76	43477.922	4504.484	216.305	Pass
77	43419.039	4556.995	225.839	Pass
78	43409.912	4439.061	209.989	Pass
79	43370.196	4454.714	209.828	Pass
80	43383.885	4518.127	197.794	Pass
81	43350.625	4528.999	217.508	Pass
82	43344.540	4508.622	209.812	Pass
83	43461.968	4423.065	185.436	Pass
84	43449.968	4574.566	215.571	Pass
85	43478.937	4558.610	266.151	Pass
86	43413.495	4522.121	183.396	Pass
87	43470.486	4565.269	204.904	Pass
88	43422.994	4585.935	224.675	Pass
89	43426.847	4507.832	158.994	Pass
90	43402.814	4543.580	284.666	Pass
91	43441.484	4572.382	182.665	Pass
92	43455.511	4459.551	174.481	Pass
93	43456.424	4513.882	280.180	Pass
94	43398.183	4474.537	212.238	Pass
95	43313.038	4567.584	228.388	Pass
96	43508.548	4553.383	200.362	Pass
97	43377.395	4517.354	241.849	Pass
98	43373.778	4484.406	183.386	Pass
99	43376.280	4513.410	229.751	Pass
100	43456.357	4574.791	219.052	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.03 11:23:18
Results file name:	063L2318.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 40us

Predelay:	1.50
Gate length:	40.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	7.285 +- 0.128
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	43434.417 +-	4.323
Doubles:	7253.618 +-	7.036
Triples:	552.402 +-	6.853
Quads:	-6.290 +-	8.266
Quads/Triples:	-0.018 +-	0.015
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43428.402	7289.448	591.855	Pass
2	43437.022	7286.164	520.040	Pass
3	43436.413	7254.456	540.587	Pass
4	43443.748	7298.261	579.027	Pass
5	43359.954	7269.421	506.592	Pass
6	43363.232	7106.976	601.261	Pass
7	43399.130	7256.065	561.667	Pass
8	43398.724	7241.633	534.525	Pass
9	43376.787	7283.586	470.502	Pass
10	43412.211	7215.475	574.998	Pass
11	43441.619	7277.479	536.722	Pass
12	43434.994	7253.181	684.662	Pass
13	43486.914	7317.041	656.778	Pass
14	43376.888	7355.700	575.027	Pass
15	43465.720	7243.041	511.435	Pass
16	43453.889	7288.642	449.904	Pass
17	43419.985	7252.974	624.458	Pass
18	43402.239	7266.807	453.687	Pass
19	43417.552	7303.382	742.662	Pass
20	43460.480	7236.607	602.536	Pass
21	43425.461	7292.108	562.240	Pass
22	43564.086	7230.850	619.860	Pass
23	43464.638	7259.969	541.883	Pass
24	43367.694	7168.621	522.468	Pass
25	43401.428	7188.896	584.297	Pass
26	43465.280	7299.081	558.348	Pass
27	43415.625	7073.076	511.182	Pass
28	43462.137	7362.238	638.765	Pass
29	43396.493	7296.326	682.399	Pass
30	43484.244	7179.715	489.105	Pass
31	43419.580	7051.946	438.184	Pass
32	43420.391	7315.118	611.231	Pass
33	43465.551	7274.815	621.525	Pass
34	43485.055	7331.086	652.784	Pass
35	43464.604	7359.062	471.196	Pass
36	43372.122	7266.256	433.437	Pass
37	43392.876	7161.025	495.566	Pass
38	43430.464	7101.456	430.221	Pass
39	43471.061	7222.397	485.088	Pass
40	43384.595	7334.897	589.058	Pass
41	43501.990	7267.752	552.264	Pass
42	43491.545	7351.066	704.124	Pass
43	43475.962	7174.295	575.374	Pass
44	43405.484	7254.106	495.029	Pass
45	43331.324	7225.999	526.852	Pass
46	43370.331	7063.719	534.877	Pass
47	43450.272	7145.316	489.557	Pass
48	43461.528	7274.385	542.103	Pass
49	43469.134	7199.457	534.260	Pass
50	43460.379	7198.628	578.557	Pass
51	43394.330	7282.777	574.736	Pass

52	43460.785	7331.349	542.092	Pass
53	43463.725	7254.138	548.915	Pass
54	43502.970	7391.670	599.541	Pass
55	43436.244	7288.183	574.669	Pass
56	43464.300	7196.453	471.306	Pass
57	43476.807	7340.850	640.145	Pass
58	43407.242	7261.278	664.395	Pass
59	43486.508	7172.150	519.649	Pass
60	43444.458	7147.621	456.674	Pass
61	43467.139	7272.834	654.084	Pass
62	43402.577	7218.926	529.236	Pass
63	43456.661	7376.437	649.851	Pass
64	43481.472	7261.898	496.096	Pass
65	43401.327	7242.091	483.409	Pass
66	43430.092	7212.610	522.611	Pass
67	43424.481	7312.258	627.501	Pass
68	43495.128	7280.540	549.085	Pass
69	43392.505	7330.650	587.845	Pass
70	43368.032	7217.293	542.593	Pass
71	43341.802	7185.502	436.854	Pass
72	43431.613	7214.091	540.378	Pass
73	43402.915	7309.277	458.048	Pass
74	43392.572	7273.309	491.699	Pass
75	43460.075	7180.460	560.736	Pass
76	43419.546	7276.896	466.122	Pass
77	43470.892	7233.982	490.453	Pass
78	43438.915	7195.342	566.138	Pass
79	43443.309	7270.941	656.974	Pass
80	43482.858	7302.214	607.001	Pass
81	43415.828	7284.762	543.117	Pass
82	43450.272	7269.088	560.002	Pass
83	43455.613	7249.849	429.211	Pass
84	43546.002	7242.146	511.142	Pass
85	43383.006	7142.369	576.303	Pass
86	43448.345	7346.714	664.535	Pass
87	43341.904	7182.932	536.818	Pass
88	43425.394	7324.944	545.336	Pass
89	43401.901	7144.512	319.882	Fail outlier test
90	43450.272	7324.375	555.194	Pass
91	43489.010	7379.469	621.306	Pass
92	43484.683	7212.006	553.951	Pass
93	43370.804	7317.798	591.756	Pass
94	43389.260	7242.274	654.675	Pass
95	43407.411	7246.643	517.653	Pass
96	43447.940	7268.974	630.424	Pass
97	43481.607	7109.127	444.487	Pass
98	43416.436	7345.776	490.842	Pass
99	43438.982	7251.383	464.461	Pass
100	43425.360	7239.357	548.988	Pass
101	43445.100	7327.744	499.436	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.03 13:35:04
Results file name:	063N3504.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 80us
Predelay:	1.50
Gate length:	80.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	7.285 +- 0.128
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	43426.069 +-	4.588
Doubles:	10290.926 +-	10.721
Triples:	1172.762 +-	16.726
Quads:	69.587 +-	22.865
Quads/Triples:	0.049 +-	0.019
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43434.047	10325.869	1084.683	Pass
2	43450.813	10117.101	942.942	Pass
3	43437.833	10271.533	1250.609	Pass
4	43455.511	10596.486	1592.063	Pass
5	43418.262	10230.684	951.533	Pass
6	43378.274	10350.486	1240.141	Pass
7	43496.142	10486.801	1565.505	Pass
8	43474.610	10250.078	885.663	Pass
9	43524.435	10379.187	1313.650	Pass
10	43385.643	10270.297	1329.133	Pass
11	43446.486	10201.461	1282.581	Pass
12	43441.348	10161.598	1047.698	Pass
13	43463.489	10312.765	947.388	Pass
14	43448.041	10318.113	1305.276	Pass
15	43378.916	10244.410	844.144	Pass
16	43408.358	10289.813	1180.538	Pass
17	43491.376	10290.772	1421.980	Pass
18	43334.637	10136.911	843.577	Pass
19	43443.748	10395.205	1261.098	Pass
20	43520.142	10195.499	1058.728	Pass
21	43370.601	10310.436	1211.112	Pass
22	43443.410	10297.688	1497.540	Pass
23	43493.877	10357.766	1299.845	Pass
24	43412.752	10355.616	1184.645	Pass
25	43430.870	10147.134	988.602	Pass
26	43352.112	10285.637	1369.396	Pass
27	43478.497	10377.613	1440.903	Pass
28	43429.889	10176.948	936.778	Pass
29	43395.242	10299.734	1027.165	Pass
30	43400.448	10374.934	1352.149	Pass
31	43439.827	10416.053	1140.500	Pass
32	43370.736	10306.290	1263.784	Pass
33	43389.226	10396.795	1158.108	Pass
34	43425.495	10279.712	1260.489	Pass
35	43457.033	10401.704	1102.268	Pass
36	43458.925	10503.140	1407.177	Pass
37	43419.749	10285.261	1135.782	Pass
38	43461.663	10300.688	1185.493	Pass
39	43466.328	10237.889	1177.569	Pass
40	43393.586	10290.538	1295.274	Pass
41	43414.442	10152.477	1279.548	Pass
42	43419.073	10327.038	1261.721	Pass
43	43368.843	10427.678	1415.771	Pass
44	43401.023	10312.043	1252.686	Pass
45	43459.737	10253.785	1161.143	Pass
46	43401.124	10167.677	686.140	Pass
47	43385.846	10322.636	912.021	Pass
48	43367.897	10166.740	1198.182	Pass
49	43424.650	10307.298	1181.106	Pass
50	43416.267	10339.222	1238.357	Pass
51	43389.936	10315.226	1414.057	Pass

52	43453.923	10348.006	1055.826	Pass
53	43384.156	10222.954	1057.782	Pass
54	43470.993	10220.508	1106.999	Pass
55	43392.268	10099.549	1179.771	Pass
56	43459.297	10350.510	1089.904	Pass
57	43391.829	10168.816	1257.330	Pass
58	43395.885	10260.734	1191.119	Pass
59	43464.469	10290.732	1355.170	Pass
60	43425.259	10294.826	1092.365	Pass
61	43429.889	10167.693	925.882	Pass
62	43419.107	10181.504	931.217	Pass
63	43448.514	10198.595	1382.047	Pass
64	43332.473	10340.139	1277.459	Pass
65	43494.080	10438.079	1100.223	Pass
66	43391.152	10300.119	1179.815	Pass
67	43421.337	10255.794	1189.491	Pass
68	43488.367	10244.787	1198.007	Pass
69	43450.475	10321.625	1240.264	Pass
70	43387.806	10066.582	1082.993	Pass
71	43462.441	10268.987	904.493	Pass
72	43384.156	10455.200	1437.640	Pass
73	43396.223	10516.976	1020.375	Pass
74	43467.951	10081.256	828.695	Pass
75	43458.520	10244.591	989.189	Pass
76	43526.430	10307.217	1022.047	Pass
77	43454.599	10364.292	1348.823	Pass
78	43342.783	10120.924	1251.052	Pass
79	43433.405	10360.278	1128.722	Pass
80	43428.301	10290.081	1229.987	Pass
81	43322.164	10367.935	1282.083	Pass
82	43460.413	10143.350	945.438	Pass
83	43444.999	10349.592	1115.317	Pass
84	43465.145	10380.918	1241.846	Pass
85	43459.568	10506.298	1233.334	Pass
86	43397.947	10217.184	1103.207	Pass
87	43414.340	10530.191	1270.916	Pass
88	43378.206	10172.189	1087.036	Pass
89	43477.415	10330.921	1342.605	Pass
90	43433.033	10171.724	1147.548	Pass
91	43426.374	10378.157	1283.745	Pass
92	43411.332	10205.412	1202.569	Pass
93	43478.565	10423.853	1135.029	Pass
94	43446.621	10459.904	1333.560	Pass
95	43349.408	10266.871	1202.089	Pass
96	43278.527	10185.041	1088.416	Pass
97	43445.810	10338.732	1112.017	Pass
98	43406.532	10334.393	1190.590	Pass
99	43376.381	10103.079	1121.682	Pass
100	43506.824	10127.062	995.264	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.03 14:32:35
Results file name:	06303235.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 160us
Predelay:	1.50
Gate length:	160.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	7.285 +- 0.128
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	43421.545 +-	4.566
Doubles:	12436.755 +-	15.889
Triples:	1742.824 +-	34.602
Quads:	21.876 +-	68.993
Quads/Triples:	-0.029 +-	0.043
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43399.975	12328.817	1500.807	Pass
2	43426.171	12514.079	1848.097	Pass
3	43446.655	12387.044	1921.114	Pass
4	43460.987	12330.499	1554.835	Pass
5	43462.711	12817.479	2410.877	Pass
6	43439.084	12646.316	2342.152	Pass
7	43438.340	12291.314	1030.526	Pass
8	43376.043	12454.038	1813.803	Pass
9	43358.635	12435.048	1397.650	Pass
10	43361.610	12350.175	1178.754	Pass
11	43446.216	12351.908	1682.005	Pass
12	43381.823	12396.983	1315.421	Pass
13	43525.111	12457.321	2422.658	Pass
14	43417.349	12722.163	1712.481	Pass
15	43384.054	12522.618	1479.209	Pass
16	43513.517	12526.366	1531.690	Pass
17	43442.802	12793.459	1903.773	Pass
18	43424.853	12601.951	2164.788	Pass
19	43465.652	12317.923	1695.687	Pass
20	43348.461	12494.158	2078.926	Pass
21	43452.909	12400.119	1734.976	Pass
22	43417.822	12398.949	1271.647	Pass
23	43354.208	12306.074	2240.689	Pass
24	43439.760	12507.847	2079.190	Pass
25	43354.613	12458.220	1745.381	Pass
26	43459.500	12396.573	1303.683	Pass
27	43407.411	12408.086	1325.723	Pass
28	43385.372	12276.467	1309.572	Pass
29	43442.869	12485.626	2161.904	Pass
30	43372.528	12299.432	1649.050	Pass
31	43397.609	12634.052	1791.111	Pass
32	43407.580	12502.790	2011.086	Pass
33	43399.096	12718.963	1539.124	Pass
34	43417.315	12483.160	1562.935	Pass
35	43362.421	12222.818	1669.384	Pass
36	43450.509	12490.109	2137.360	Pass
37	43430.295	12249.743	1185.202	Pass
38	43374.759	12392.197	940.118	Pass
39	43456.559	12433.122	1338.313	Pass
40	43397.541	12785.170	1970.340	Pass
41	43380.708	12463.844	1183.067	Pass
42	43411.163	12391.835	1876.270	Pass
43	43416.233	12263.342	1360.045	Pass
44	43412.312	12239.079	1355.029	Pass
45	43342.039	12230.678	1715.345	Pass
46	43404.031	12350.614	1897.428	Pass
47	43442.565	11977.036	1875.278	Pass
48	43431.850	12358.067	1346.816	Pass
49	43414.408	12389.016	1644.906	Pass
50	43405.079	12639.494	2097.925	Pass
51	43348.022	12519.792	2161.731	Pass

52	43378.680	12243.510	1903.378	Pass
53	43419.242	12720.876	1993.772	Pass
54	43461.528	12317.136	1459.835	Pass
55	43408.087	12307.768	1476.743	Pass
56	43439.793	12369.920	1633.128	Pass
57	43425.529	12779.264	1778.748	Pass
58	43403.625	12476.949	1982.405	Pass
59	43369.283	12518.626	2002.128	Pass
60	43417.146	12376.561	1882.712	Pass
61	43505.641	12156.518	2079.307	Pass
62	43376.347	12513.747	2371.262	Pass
63	43513.990	12596.022	2504.134	Pass
64	43358.602	12464.798	2319.160	Pass
65	43407.715	12299.162	1147.504	Pass
66	43415.828	12506.489	1784.377	Pass
67	43420.425	12526.852	1794.022	Pass
68	43431.579	12592.168	1880.120	Pass
69	43495.669	12150.270	1667.066	Pass
70	43503.748	12236.712	1496.405	Pass
71	43444.627	12606.155	2009.778	Pass
72	43442.599	12404.322	1401.238	Pass
73	43446.351	12503.889	1335.503	Pass
74	43485.596	12747.811	2184.790	Pass
75	43492.863	12554.101	1341.476	Pass
76	43426.239	12369.264	1331.188	Pass
77	43334.704	12185.893	1494.120	Pass
78	43489.449	12693.479	1812.968	Pass
79	43474.069	12516.177	1195.262	Pass
80	43388.685	12315.875	1561.891	Pass
81	43342.681	12462.237	1690.221	Pass
82	43466.058	12290.847	1774.709	Pass
83	43385.778	12646.261	2246.337	Pass
84	43475.894	12479.790	1873.578	Pass
85	43369.959	12409.399	1679.717	Pass
86	43400.854	12425.925	2060.889	Pass
87	43396.797	12355.663	2174.070	Pass
88	43461.190	12573.350	1634.310	Pass
89	43391.490	12449.398	1895.330	Pass
90	43476.300	12486.203	2121.068	Pass
91	43435.264	12476.174	1818.509	Pass
92	43395.513	12215.229	1810.824	Pass
93	43461.359	12325.189	2158.283	Pass
94	43517.573	12310.072	1667.999	Pass
95	43383.581	12318.953	1955.967	Pass
96	43445.540	12590.396	1921.101	Pass
97	43306.886	12289.489	1403.222	Pass
98	43437.833	12371.619	1404.804	Pass
99	43480.897	12199.685	2110.926	Pass
100	43436.244	12537.364	1589.025	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.04 10:10:50
Results file name:	064K1050.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 20us

Predelay:	1.50
Gate length:	20.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.517 +- 0.087
Passive doubles bkgrnd:	0.015 +- 0.007
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	35455.380 +-	4.469
Doubles:	2895.481 +-	3.908
Triples:	139.670 +-	2.561
Quads:	2.487 +-	1.344
Quads/Triples:	0.014 +-	0.010
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35439.445	2905.449	175.175	Pass
2	35492.302	2887.752	175.636	Pass
3	35484.085	2914.470	123.272	Pass
4	35581.650	2943.252	160.773	Pass
5	35375.018	2887.669	152.153	Pass
6	35557.401	2921.799	148.774	Pass
7	35487.237	2905.463	118.020	Pass
8	35410.535	2908.085	145.597	Pass
9	35473.889	2915.506	166.128	Pass
10	35391.552	2895.176	162.217	Pass
11	35476.036	2928.702	150.439	Pass
12	35502.162	2921.541	167.370	Pass
13	35483.817	2874.853	150.494	Pass
14	35401.278	2882.026	140.048	Pass
15	35425.460	2886.909	153.425	Pass
16	35539.592	2911.151	132.458	Pass
17	35456.315	2823.230	139.331	Pass
18	35422.575	2911.371	164.392	Pass
19	35468.758	2916.884	114.578	Pass
20	35481.536	2916.661	205.645	Pass
21	35409.462	2918.579	107.622	Pass
22	35404.498	2855.641	158.513	Pass
23	35490.323	3012.202	169.581	Pass
24	35406.812	2935.381	145.020	Pass
25	35418.785	2904.719	138.561	Pass
26	35443.470	2867.355	88.716	Pass
27	35465.337	2916.475	123.009	Pass
28	35436.896	2931.024	136.362	Pass
29	35461.312	2903.682	143.159	Pass
30	35382.363	2862.098	170.410	Pass
31	35453.632	2873.439	104.173	Pass
32	35510.648	2884.598	115.834	Pass
33	35454.772	2852.924	159.791	Pass
34	35463.023	2994.019	154.172	Pass
35	35469.898	2912.464	147.374	Pass
36	35463.257	2920.793	190.166	Pass
37	35450.546	2883.931	123.974	Pass
38	35443.335	2867.659	119.627	Pass
39	35398.629	2900.211	179.645	Pass
40	35447.226	2842.017	161.686	Pass
41	35508.233	2887.329	151.946	Pass
42	35445.147	2830.778	163.492	Pass
43	35467.517	2840.653	157.027	Pass
44	35431.631	2873.013	134.946	Pass
45	35483.347	2854.335	99.646	Pass
46	35432.033	2876.252	102.829	Pass
47	35377.433	2873.094	148.271	Pass
48	35549.855	2936.066	148.265	Pass
49	35464.163	2926.665	148.598	Pass
50	35515.846	2911.330	120.386	Pass
51	35460.843	2892.006	155.981	Pass

52	35382.028	2874.414	105.475	Pass
53	35439.043	2873.492	141.438	Pass
54	35416.035	2890.915	133.561	Pass
55	35397.858	2833.971	105.238	Pass
56	35425.325	2920.282	115.853	Pass
57	35537.780	2916.650	161.648	Pass
58	35504.040	2966.120	122.941	Pass
59	35443.604	2908.085	157.119	Pass
60	35458.730	2888.899	170.254	Pass
61	35493.006	2931.014	116.308	Pass
62	35417.142	2859.298	105.155	Pass
63	35475.834	2972.401	180.934	Pass
64	35432.067	2922.955	138.936	Pass
65	35460.641	2874.290	129.978	Pass
66	35397.019	2895.317	95.250	Pass
67	35452.089	2882.616	135.480	Pass
68	35400.138	2890.697	89.289	Pass
69	35384.979	2910.591	131.958	Pass
70	35528.255	2808.452	140.784	Pass
71	35504.879	2969.023	169.418	Pass
72	35474.795	2862.426	123.408	Pass
73	35483.884	2864.898	164.273	Pass
74	35515.142	2866.515	107.252	Pass
75	35421.938	2919.705	189.171	Pass
76	35424.688	2886.807	131.315	Pass
77	35493.945	2920.959	133.842	Pass
78	35415.063	2869.014	166.983	Pass
79	35468.389	2900.720	129.061	Pass
80	35388.131	2834.468	130.922	Pass
81	35500.787	2918.367	131.672	Pass
82	35441.357	2970.139	130.102	Pass
83	35465.270	2927.206	163.866	Pass
84	35468.892	2939.223	174.600	Pass
85	35432.872	2947.488	151.191	Pass
86	35422.039	2914.002	159.654	Pass
87	35414.694	2837.463	114.174	Pass
88	35475.968	2874.643	127.836	Pass
89	35405.370	2883.987	166.205	Pass
90	35427.438	2834.135	139.092	Pass
91	35559.547	2846.582	130.232	Pass
92	35520.273	2861.121	96.130	Pass
93	35474.526	2899.241	148.897	Pass
94	35492.402	2890.620	127.552	Pass
95	35414.057	2813.065	69.096	Pass
96	35468.892	2916.648	142.928	Pass
97	35416.941	2934.750	99.904	Pass
98	35478.886	2883.318	105.873	Pass
99	35466.678	2798.640	137.439	Pass
100	35393.732	2943.770	112.293	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.04 11:08:28
Results file name:	064L0828.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 40us

Predelay:	1.50
Gate length:	40.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.517 +- 0.087
Passive doubles bkgrnd:	0.015 +- 0.007
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	35461.566 +-	4.859
Doubles:	4700.650 +-	5.347
Triples:	357.591 +-	5.286
Quads:	8.258 +-	5.178
Quads/Triples:	0.014 +-	0.015
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35458.897	4751.032	410.818	Pass
2	35477.075	4734.729	341.955	Pass
3	35573.567	4805.753	472.805	Pass
4	35338.193	4748.944	301.795	Pass
5	35446.320	4695.164	394.769	Pass
6	35447.159	4822.753	379.712	Pass
7	35499.814	4614.566	330.938	Pass
8	35440.954	4747.560	356.626	Pass
9	35442.832	4683.584	397.443	Pass
10	35362.274	4585.563	329.918	Pass
11	35483.850	4731.197	329.855	Pass
12	35407.550	4669.523	317.474	Pass
13	35365.963	4758.235	424.261	Pass
14	35449.339	4705.899	381.868	Pass
15	35415.264	4696.733	337.235	Pass
16	35532.582	4711.097	302.110	Pass
17	35513.163	4777.948	328.243	Pass
18	35516.785	4665.616	358.678	Pass
19	35410.803	4653.972	277.507	Pass
20	35440.954	4614.270	489.432	Pass
21	35430.926	4595.897	279.205	Pass
22	35490.357	4713.525	334.150	Pass
23	35484.957	4638.737	362.738	Pass
24	35383.134	4659.934	311.860	Pass
25	35413.151	4719.979	359.708	Pass
26	35418.484	4587.441	337.118	Pass
27	35393.531	4699.262	343.104	Pass
28	35468.120	4673.434	425.215	Pass
29	35543.214	4692.115	379.103	Pass
30	35467.852	4683.725	427.467	Pass
31	35577.189	4748.830	318.604	Pass
32	35456.650	4787.809	340.330	Pass
33	35453.598	4692.138	350.046	Pass
34	35452.324	4674.252	319.048	Pass
35	35488.109	4701.103	403.290	Pass
36	35525.170	4704.538	350.452	Pass
37	35471.508	4749.095	342.356	Pass
38	35415.834	4781.061	388.850	Pass
39	35422.542	4711.187	336.632	Pass
40	35392.793	4601.134	340.390	Pass
41	35477.209	4637.308	317.467	Pass
42	35404.968	4749.728	386.005	Pass
43	35467.550	4689.090	436.873	Pass
44	35455.946	4701.118	334.905	Pass
45	35425.661	4707.143	421.055	Pass
46	35451.720	4717.174	404.377	Pass
47	35429.484	4629.774	357.972	Pass
48	35430.121	4692.877	420.426	Pass
49	35443.671	4726.845	380.003	Pass
50	35523.191	4741.958	407.297	Pass
51	35424.219	4699.278	354.608	Pass

52	35445.079	4755.126	374.406	Pass
53	35412.346	4729.730	378.804	Pass
54	35483.280	4713.446	280.994	Pass
55	35466.645	4733.733	376.854	Pass
56	35520.877	4779.716	405.065	Pass
57	35512.459	4713.392	418.529	Pass
58	35485.594	4794.471	334.546	Pass
59	35482.509	4684.458	342.606	Pass
60	35422.005	4660.908	320.090	Pass
61	35501.089	4622.262	327.919	Pass
62	35528.624	4770.887	488.260	Pass
63	35434.448	4685.257	405.173	Pass
64	35508.467	4673.566	349.241	Pass
65	35588.861	4656.317	291.021	Pass
66	35434.649	4628.770	447.636	Pass
67	35431.429	4666.423	250.506	Pass
68	35469.127	4605.440	356.030	Pass
69	35372.134	4689.408	394.843	Pass
70	35414.224	4652.628	292.630	Pass
71	35524.097	4667.652	245.462	Pass
72	35469.361	4735.324	336.004	Pass
73	35485.225	4703.798	401.627	Pass
74	35428.444	4741.736	318.317	Pass
75	35462.620	4706.663	345.577	Pass
76	35479.155	4774.619	332.359	Pass
77	35429.954	4738.532	445.544	Pass
78	35470.200	4706.507	309.471	Pass
79	35535.332	4773.632	442.227	Pass
80	35434.146	4617.701	316.341	Pass
81	35454.504	4692.039	271.706	Pass
82	35478.551	4715.092	357.536	Pass
83	35519.636	4645.812	306.325	Pass
84	35475.465	4709.823	301.519	Pass
85	35464.565	4624.363	307.171	Pass
86	35559.346	4692.175	319.252	Pass
87	35459.904	4717.187	347.056	Pass
88	35450.982	4700.705	386.797	Pass
89	35427.539	4561.877	323.385	Pass
90	35398.528	4738.245	274.561	Pass
91	35446.387	4706.299	410.213	Pass
92	35453.900	4762.901	421.171	Pass
93	35457.656	4756.867	391.326	Pass
94	35518.429	4731.894	275.347	Pass
95	35515.712	4639.158	341.929	Pass
96	35488.076	4749.122	475.211	Pass
97	35391.016	4717.817	320.020	Pass
98	35448.769	4641.210	313.995	Pass
99	35550.961	4729.889	436.227	Pass
100	35457.723	4768.779	315.526	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.04 13:35:36
Results file name:	064N3536.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 80us
Predelay:	1.50
Gate length:	80.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.517 +- 0.087
Passive doubles bkgrnd:	0.015 +- 0.007
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	35462.460 +-	3.974
Doubles:	6744.291 +-	7.749
Triples:	723.888 +-	12.461
Quads:	34.284 +-	13.406
Quads/Triples:	0.031 +-	0.020
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35452.760	6838.023	786.584	Pass
2	35512.123	6802.461	965.592	Pass
3	35475.901	6797.348	789.610	Pass
4	35480.530	6829.619	626.127	Pass
5	35514.001	6762.984	740.804	Pass
6	35440.753	6640.050	415.204	Pass
7	35464.364	6722.846	752.070	Pass
8	35455.510	6724.547	546.256	Pass
9	35380.116	6668.019	801.931	Pass
10	35510.144	6869.002	724.418	Pass
11	35484.621	6637.384	698.271	Pass
12	35456.952	6741.220	839.949	Pass
13	35494.549	6872.002	724.417	Pass
14	35419.121	6884.376	927.176	Pass
15	35448.098	6795.022	581.864	Pass
16	35483.917	6715.333	628.226	Pass
17	35499.982	6787.349	721.536	Pass
18	35480.194	6736.280	741.247	Pass
19	35484.420	6734.265	637.935	Pass
20	35474.962	6858.829	777.660	Pass
21	35440.250	6815.959	579.532	Pass
22	35471.340	6560.179	491.664	Pass
23	35475.298	6821.204	657.557	Pass
24	35452.324	6774.819	711.509	Pass
25	35406.209	6725.276	825.380	Pass
26	35467.785	6716.713	564.667	Pass
27	35462.922	6803.662	714.998	Pass
28	35366.097	6694.948	630.358	Pass
29	35439.210	6780.862	968.788	Pass
30	35490.558	6779.936	689.133	Pass
31	35411.407	6557.310	694.739	Pass
32	35477.243	6633.689	736.539	Pass
33	35461.882	6879.180	925.102	Pass
34	35442.631	6820.891	661.978	Pass
35	35495.320	6632.414	553.765	Pass
36	35479.289	6615.808	607.176	Pass
37	35475.164	6810.642	685.121	Pass
38	35408.657	6772.692	858.747	Pass
39	35461.044	6741.601	677.520	Pass
40	35387.226	6649.713	875.792	Pass
41	35412.245	6777.661	820.304	Pass
42	35465.572	6709.115	609.161	Pass
43	35456.986	6786.168	746.017	Pass
44	35480.630	6797.427	815.990	Pass
45	35397.958	6721.916	917.259	Pass
46	35499.647	6801.487	652.687	Pass
47	35396.382	6807.858	830.069	Pass
48	35510.614	6648.107	484.667	Pass
49	35468.422	6817.949	706.282	Pass
50	35388.299	6824.238	862.430	Pass
51	35493.174	6746.906	734.177	Pass

52	35464.498	6771.642	642.601	Pass
53	35511.989	6675.882	799.697	Pass
54	35466.544	6759.599	838.943	Pass
55	35459.535	6805.712	856.174	Pass
56	35518.965	6718.620	679.343	Pass
57	35448.635	6804.876	923.757	Pass
58	35451.284	6702.535	824.381	Pass
59	35432.335	6743.525	666.189	Pass
60	35548.614	6712.109	714.967	Pass
61	35441.424	6738.619	780.113	Pass
62	35451.720	6761.454	734.639	Pass
63	35491.966	6707.860	521.428	Pass
64	35421.972	6783.454	766.484	Pass
65	35497.802	6838.197	584.587	Pass
66	35406.544	6749.910	842.709	Pass
67	35543.013	6713.040	611.525	Pass
68	35435.320	6728.988	843.823	Pass
69	35440.552	6770.742	723.559	Pass
70	35466.209	6610.987	677.037	Pass
71	35390.010	6591.039	512.660	Pass
72	35512.895	6689.956	439.727	Pass
73	35491.262	6700.131	660.725	Pass
74	35478.953	6749.707	639.577	Pass
75	35469.864	6587.441	455.900	Pass
76	35476.908	6772.042	887.526	Pass
77	35507.663	6620.834	730.532	Pass
78	35452.257	6734.797	777.862	Pass
79	35472.514	6783.505	823.879	Pass
80	35460.172	6856.668	775.585	Pass
81	35538.451	6845.076	826.196	Pass
82	35548.178	6739.475	874.229	Pass
83	35439.076	6871.938	830.580	Pass
84	35517.892	6668.978	672.454	Pass
85	35403.995	6662.304	812.654	Pass
86	35464.632	6653.535	709.022	Pass
87	35412.681	6743.513	677.720	Pass
88	35446.086	6897.432	1053.958	Pass
89	35384.241	6725.866	495.131	Pass
90	35430.725	6706.908	832.357	Pass
91	35492.872	6720.719	654.799	Pass
92	35526.008	6751.876	615.189	Pass
93	35496.427	6702.640	649.774	Pass
94	35387.729	6706.674	789.617	Pass
95	35448.769	6626.334	693.294	Pass
96	35466.108	6813.320	816.953	Pass
97	35482.039	6702.505	628.679	Pass
98	35431.161	6880.558	859.797	Pass
99	35484.890	6605.225	726.341	Pass
100	35477.847	6777.106	720.044	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.06.04 14:32:43
Results file name:	06403243.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	gate 160us
Predelay:	1.50
Gate length:	160.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	8.517 +- 0.087
Passive doubles bkgrnd:	0.015 +- 0.007
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	35457.740 +-	4.153
Doubles:	8255.331 +-	12.526
Triples:	1083.740 +-	24.994
Quads:	50.551 +-	47.933
Quads/Triples:	-0.018 +-	0.055
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	35492.872	8285.680	1217.448	Pass
2	35376.695	8254.573	995.125	Pass
3	35464.297	8366.991	1274.352	Pass
4	35445.515	8354.754	1764.971	Pass
5	35423.380	8308.832	1208.121	Pass
6	35460.205	8283.258	759.783	Pass
7	35518.127	8070.086	680.289	Pass
8	35404.431	8118.833	678.994	Pass
9	35419.221	8302.915	1021.711	Pass
10	35408.087	8173.744	1255.141	Pass
11	35422.508	8199.397	1304.839	Pass
12	35472.581	8186.244	970.331	Pass
13	35438.841	8308.100	1155.308	Pass
14	35448.433	8376.461	1110.874	Pass
15	35456.181	8183.734	1068.208	Pass
16	35433.408	8031.752	897.220	Pass
17	35503.873	8305.014	1145.962	Pass
18	35445.515	8173.479	666.456	Pass
19	35448.534	8180.844	1448.475	Pass
20	35481.972	8113.347	1127.402	Pass
21	35459.937	8523.385	1565.845	Pass
22	35501.760	8555.127	1436.945	Pass
23	35483.246	8469.900	1360.864	Pass
24	35498.808	8227.554	596.616	Pass
25	35520.374	8168.359	1126.968	Pass
26	35453.665	8139.521	885.574	Pass
27	35479.624	8313.684	1463.832	Pass
28	35430.859	8241.669	685.594	Pass
29	35462.721	8214.865	798.968	Pass
30	35441.726	8434.617	1055.246	Pass
31	35442.195	8446.024	1632.834	Pass
32	35468.322	8205.702	955.906	Pass
33	35488.814	8256.918	920.815	Pass
34	35494.247	8433.859	1095.245	Pass
35	35475.633	8271.087	1498.072	Pass
36	35509.340	8301.824	1030.199	Pass
37	35435.689	8021.399	498.162	Pass
38	35415.432	8405.857	1178.693	Pass
39	35480.765	8220.552	1045.171	Pass
40	35508.635	8143.185	1036.105	Pass
41	35513.700	8373.579	1122.824	Pass
42	35455.611	8310.342	723.511	Pass
43	35461.346	8244.388	974.873	Pass
44	35502.732	8445.053	974.089	Pass
45	35432.804	8193.723	997.276	Pass
46	35457.891	8268.168	1106.903	Pass
47	35448.836	8327.364	1309.531	Pass
48	35423.816	8238.105	888.207	Pass
49	35424.420	7991.470	973.445	Pass
50	35423.280	8039.991	985.239	Pass
51	35516.651	8214.579	1151.672	Pass

52	35428.411	8135.131	1071.319	Pass
53	35443.570	8567.879	1591.497	Pass
54	35450.177	8218.912	823.821	Pass
55	35495.052	8130.392	1236.923	Pass
56	35414.962	8176.463	1170.706	Pass
57	35488.344	8147.515	1094.582	Pass
58	35447.628	8337.686	1258.502	Pass
59	35511.318	8397.160	1233.725	Pass
60	35497.702	8254.547	1074.913	Pass
61	35452.592	8294.642	1410.467	Pass
62	35422.776	8217.147	897.009	Pass
63	35422.039	8335.655	1144.561	Pass
64	35413.151	8321.153	1083.752	Pass
65	35460.306	8123.984	91.420	Fail outlier test
66	35481.335	8421.302	1112.212	Pass
67	35346.947	8046.966	1207.742	Pass
68	35490.390	8269.745	1010.223	Pass
69	35476.170	8302.100	1151.031	Pass
70	35513.096	8192.230	912.826	Pass
71	35405.001	8226.545	540.170	Pass
72	35602.981	8440.453	764.788	Pass
73	35570.012	8232.886	1010.024	Pass
74	35398.193	8157.452	1153.365	Pass
75	35424.956	8339.038	1395.677	Pass
76	35468.657	8286.657	1069.735	Pass
77	35398.562	8067.660	970.121	Pass
78	35432.939	8357.384	1151.379	Pass
79	35479.960	8082.600	1027.515	Pass
80	35421.368	8204.793	848.557	Pass
81	35413.050	8115.820	1152.850	Pass
82	35455.141	8489.086	1568.625	Pass
83	35482.844	8137.342	750.021	Pass
84	35454.303	8269.608	1500.475	Pass
85	35439.411	8173.867	998.130	Pass
86	35477.243	8217.302	1315.789	Pass
87	35400.641	8097.023	1166.920	Pass
88	35518.160	8106.160	649.535	Pass
89	35448.165	8406.324	1243.966	Pass
90	35459.233	8217.622	1255.503	Pass
91	35409.931	8363.391	773.111	Pass
92	35414.861	8114.745	1331.018	Pass
93	35513.767	8009.265	1036.971	Pass
94	35478.417	8266.809	943.525	Pass
95	35434.045	8177.327	881.977	Pass
96	35376.594	8451.973	1127.143	Pass
97	35413.486	8382.568	1226.164	Pass
98	35472.346	8314.912	1317.728	Pass
99	35469.797	8305.895	1227.614	Pass
100	35530.469	8182.155	693.883	Pass
101	35436.292	8351.893	965.865	Pass

【AFAS 性能確認試験】

(6)　2.4.4　測定パラメータの再評価

（検出効率プロファイルの評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:35:36
Results file name:	0A603536.RTS
Inspection number:	
Item id:	D0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+14cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1093.743 +- 1.773
Doubles:	6.283 +- 0.420
Triples:	-0.077 +- 0.111
Quads:	0.052 +- 0.031
Quads/Triples:	-0.133 +- 0.096
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1088.483	7.200	-0.208	Pass
2	1093.583	6.767	-0.080	Pass
3	1104.050	4.833	0.118	Pass
4	1092.517	7.767	-0.616	Pass
5	1083.650	3.367	-0.107	Pass
6	1099.283	5.967	-0.158	Pass
7	1091.383	6.633	0.201	Pass
8	1095.183	7.600	-0.341	Pass
9	1096.317	6.400	-0.258	Pass
10	1092.983	6.300	0.684	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:28:32
Results file name:	0A602832.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+12cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1278.430 +- 2.229
Doubles:	8.203 +- 0.400
Triples:	-0.015 +- 0.143
Quads:	0.009 +- 0.032
Quads/Triples:	2.988 +- 2.832
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1268.283	10.033	0.842	Pass
2	1278.617	7.067	-0.017	Pass
3	1271.383	7.000	-0.913	Pass
4	1272.017	9.000	-0.069	Pass
5	1288.383	6.700	-0.022	Pass
6	1275.683	7.933	0.008	Pass
7	1282.217	8.033	-0.401	Pass
8	1281.050	7.100	0.241	Pass
9	1277.117	9.967	-0.084	Pass
10	1289.550	9.200	0.264	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:20:55
Results file name:	0A602055.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1466.740 +-	1.622
Doubles:	11.283 +-	0.494
Triples:	-0.154 +-	0.132
Quads:	-0.018 +-	0.025
Quads/Triples:	0.203 +-	0.171
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1461.150	9.633	-0.177	Pass
2	1468.983	10.733	-0.315	Pass
3	1471.283	12.400	-0.210	Pass
4	1462.617	11.367	0.499	Pass
5	1462.950	12.167	-0.015	Pass
6	1468.417	12.900	-0.324	Pass
7	1466.650	9.267	0.554	Pass
8	1477.983	13.733	-0.208	Pass
9	1464.083	11.400	-0.611	Pass
10	1463.283	9.233	-0.738	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:14:10
Results file name:	0A601410.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1647.737 +-	3.180
Doubles:	13.803 +-	1.027
Triples:	0.059 +-	0.208
Quads:	0.011 +-	0.029
Quads/Triples:	0.224 +-	0.097
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1647.550	12.300	-0.081	Pass
2	1626.350	10.067	-0.322	Pass
3	1642.617	15.000	0.879	Pass
4	1647.450	17.567	-0.563	Pass
5	1654.317	14.833	0.819	Pass
6	1645.117	12.267	-1.102	Pass
7	1640.717	10.433	0.091	Pass
8	1653.750	11.500	-0.161	Pass
9	1658.783	13.700	0.132	Pass
10	1660.717	20.367	0.885	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:05:50
Results file name:	0A600550.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1812.697 +-	2.456
Doubles:	16.030 +-	1.040
Triples:	0.167 +-	0.231
Quads:	0.026 +-	0.036
Quads/Triples:	0.409 +-	0.329
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1810.783	18.767	0.306	Pass
2	1811.650	17.367	-1.262	Pass
3	1822.850	13.533	0.069	Pass
4	1804.517	18.167	-0.513	Pass
5	1803.350	15.700	-0.057	Pass
6	1820.617	11.867	-0.228	Pass
7	1820.983	21.333	0.735	Pass
8	1804.783	12.400	1.282	Pass
9	1807.217	18.600	0.690	Pass
10	1820.217	12.567	0.654	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 13:58:45
Results file name:	0A6N5845.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1933.687 +-	2.510
Doubles:	21.007 +-	1.204
Triples:	0.587 +-	0.327
Quads:	0.165 +-	0.052
Quads/Triples:	-0.234 +-	0.433
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1921.983	25.767	-0.652	Pass
2	1927.883	19.367	1.616	Pass
3	1947.817	16.467	2.523	Pass
4	1924.417	23.033	0.869	Pass
5	1937.650	23.633	1.279	Pass
6	1930.350	17.633	0.105	Pass
7	1939.183	20.733	0.748	Pass
8	1938.017	19.900	0.200	Pass
9	1938.817	16.300	-0.813	Pass
10	1930.750	27.233	0.008	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 13:51:51
Results file name:	OA6N5151.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2021.330 +- 2.369
Doubles:	20.800 +- 1.063
Triples:	0.367 +- 0.201
Quads:	-0.053 +- 0.072
Quads/Triples:	-0.054 +- 0.134
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2012.550	24.600	-0.423	Pass
2	2027.317	21.500	0.656	Pass
3	2011.717	16.500	1.147	Pass
4	2016.083	24.133	-0.994	Pass
5	2022.983	19.767	0.690	Pass
6	2020.250	23.367	0.666	Pass
7	2036.583	23.900	0.234	Pass
8	2017.217	18.233	0.254	Pass
9	2024.917	15.033	0.676	Pass
10	2023.683	20.967	0.763	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 13:44:26
Results file name:	OA6N4426.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2057.583 +- 1.805
Doubles:	22.200 +- 1.198
Triples:	0.736 +- 0.256
Quads:	0.214 +- 0.097
Quads/Triples:	0.309 +- 0.273
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2053.950	17.067	-0.132	Pass
2	2048.417	19.333	1.977	Pass
3	2066.017	22.333	1.934	Pass
4	2058.450	24.167	0.953	Pass
5	2049.317	29.800	1.292	Pass
6	2059.750	20.567	0.496	Pass
7	2062.183	22.233	0.152	Pass
8	2056.750	18.400	0.840	Pass
9	2058.050	21.933	-0.273	Pass
10	2062.950	26.167	0.120	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:43:38
Results file name:	0A604338.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2040.717 +-	2.310
Doubles:	21.660 +-	0.638
Triples:	0.211 +-	0.185
Quads:	0.105 +-	0.097
Quads/Triples:	-0.021 +-	0.227
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2043.850	25.500	-0.282	Pass
2	2027.950	18.833	-0.566	Pass
3	2034.517	20.233	0.566	Pass
4	2050.283	22.433	-0.265	Pass
5	2036.383	23.233	0.796	Pass
6	2040.983	19.933	0.300	Pass
7	2039.650	22.133	0.256	Pass
8	2038.217	19.700	0.338	Pass
9	2052.883	21.600	1.311	Pass
10	2042.450	23.000	-0.353	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:49:50
Results file name:	0A604950.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1976.013 +-	2.140
Doubles:	20.583 +-	1.312
Triples:	0.098 +-	0.314
Quads:	0.131 +-	0.086
Quads/Triples:	0.103 +-	0.194
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1972.517	21.733	0.203	Pass
2	1988.683	22.533	0.886	Pass
3	1969.617	22.800	-0.532	Pass
4	1969.917	22.667	1.230	Pass
5	1978.383	12.633	-1.224	Pass
6	1975.683	19.833	1.927	Pass
7	1980.350	22.333	-0.751	Pass
8	1968.417	14.300	-0.726	Pass
9	1984.150	26.433	-0.181	Pass
10	1972.417	20.567	0.146	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 14:55:59
Results file name:	OA605559.RTS
Inspection number:	
Item id:	D10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1872.867 +-	2.963
Doubles:	18.570 +-	0.974
Triples:	0.481 +-	0.195
Quads:	0.107 +-	0.057
Quads/Triples:	0.125 +-	0.140
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1873.317	19.267	-0.163	Pass
2	1876.417	18.133	1.462	Pass
3	1873.983	17.933	0.193	Pass
4	1853.917	15.933	0.390	Pass
5	1871.850	21.367	0.251	Pass
6	1881.883	20.200	-0.445	Pass
7	1876.650	14.267	1.437	Pass
8	1881.450	20.267	0.307	Pass
9	1880.217	14.433	0.681	Pass
10	1858.983	23.900	0.704	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:02:01
Results file name:	OA6P0201.RTS
Inspection number:	
Item id:	D11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1734.730 +-	2.353
Doubles:	15.370 +-	0.959
Triples:	0.055 +-	0.236
Quads:	0.075 +-	0.051
Quads/Triples:	-0.082 +-	0.164
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1729.817	14.067	-0.538	Pass
2	1723.850	14.300	-0.095	Pass
3	1746.017	14.600	0.821	Pass
4	1732.183	14.333	-0.704	Pass
5	1738.550	11.667	0.157	Pass
6	1740.183	19.567	0.803	Pass
7	1736.950	19.633	0.803	Pass
8	1739.783	16.033	-0.303	Pass
9	1722.850	11.033	-1.224	Pass
10	1737.117	18.467	0.829	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:08:32
Results file name:	OA6P0832.RTS
Inspection number:	
Item id:	D12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1574.650 +-	2.829
Doubles:	12.890 +-	0.777
Triples:	0.182 +-	0.211
Quads:	0.015 +-	0.037
Quads/Triples:	0.066 +-	0.097
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1556.817	14.467	-0.485	Pass
2	1577.917	15.733	-0.672	Pass
3	1577.183	11.733	-0.761	Pass
4	1570.017	11.733	0.708	Pass
5	1563.917	10.867	0.233	Pass
6	1579.683	14.467	0.631	Pass
7	1585.450	8.433	0.237	Pass
8	1580.717	14.200	0.211	Pass
9	1582.617	11.200	0.352	Pass
10	1572.183	16.067	1.370	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:14:54
Results file name:	OA6P1454.RTS
Inspection number:	
Item id:	D13
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1412.463 +-	2.579
Doubles:	8.430 +-	0.559
Triples:	-0.038 +-	0.181
Quads:	0.014 +-	0.048
Quads/Triples:	0.092 +-	0.073
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1417.083	9.367	-0.125	Pass
2	1409.417	6.133	-0.193	Pass
3	1412.850	9.800	-0.364	Pass
4	1398.917	10.033	1.024	Pass
5	1404.817	10.967	-0.495	Pass
6	1419.683	5.567	0.382	Pass
7	1407.550	8.500	-0.208	Pass
8	1428.217	7.567	-0.498	Pass
9	1413.617	7.167	0.779	Pass
10	1412.483	9.200	-0.674	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:21:23
Results file name:	OA6P2123.RTS
Inspection number:	
Item id:	D14
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-14cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1271.667 +- 2.025
Doubles:	8.680 +- 0.557
Triples:	-0.008 +- 0.110
Quads:	0.030 +- 0.024
Quads/Triples:	-0.050 +- 0.333
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1271.417	9.267	-0.195	Pass
2	1278.317	7.167	0.603	Pass
3	1276.583	8.367	-0.091	Pass
4	1269.783	12.433	-0.021	Pass
5	1267.783	9.167	-0.587	Pass
6	1281.250	9.300	0.196	Pass
7	1262.350	8.167	-0.137	Pass
8	1272.117	8.467	0.139	Pass
9	1274.983	8.967	0.365	Pass
10	1262.083	5.500	-0.350	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:54:04
Results file name:	OA6P5404.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	4114.437 +- 4.685
Doubles:	83.633 +- 1.686
Triples:	1.320 +- 0.770
Quads:	-0.052 +- 0.174
Quads/Triples:	0.160 +- 0.221
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	4107.550	85.367	4.879	Pass
2	4107.283	88.767	5.780	Pass
3	4137.883	93.133	-2.152	Pass
4	4120.583	76.500	0.464	Pass
5	4095.683	77.700	0.921	Pass
6	4112.383	79.967	-0.426	Pass
7	4140.383	84.733	-0.548	Pass
8	4111.517	87.067	1.011	Pass
9	4098.717	84.300	2.350	Pass
10	4112.383	78.800	0.907	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:47:50
Results file name:	OA6P4750.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2996.767 +- 3.006
Doubles:	42.230 +- 1.759
Triples:	0.603 +- 0.466
Quads:	0.372 +- 0.152
Quads/Triples:	0.335 +- 0.255
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2999.050	41.267	1.035	Pass
2	2997.883	51.367	1.261	Pass
3	3001.450	44.800	4.029	Pass
4	3010.050	34.733	0.319	Pass
5	2995.650	40.567	1.390	Pass
6	2984.917	33.700	-0.797	Pass
7	2996.850	44.167	-0.454	Pass
8	2977.383	49.267	0.635	Pass
9	2998.250	40.800	-0.840	Pass
10	3006.183	41.633	-0.536	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:41:45
Results file name:	OA6P4145.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2420.443 +- 3.519
Doubles:	30.620 +- 0.980
Triples:	0.053 +- 0.335
Quads:	0.063 +- 0.090
Quads/Triples:	0.712 +- 0.535
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2409.450	28.533	2.179	Pass
2	2411.350	29.733	0.024	Pass
3	2439.083	28.867	-0.870	Pass
4	2402.317	30.433	-1.328	Pass
5	2428.717	25.133	-0.237	Pass
6	2427.617	32.667	0.037	Pass
7	2429.317	35.100	0.989	Pass
8	2422.483	35.233	-0.736	Pass
9	2419.183	31.300	-0.538	Pass
10	2414.917	29.200	1.009	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:35:19
Results file name:	OA6P3519.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2137.300 +-	3.017
Doubles:	23.507 +-	1.758
Triples:	0.237 +-	0.271
Quads:	0.059 +-	0.063
Quads/Triples:	-0.188 +-	0.230
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2138.750	19.967	0.720	Pass
2	2123.550	22.233	0.485	Pass
3	2131.383	21.733	0.076	Pass
4	2136.183	32.167	0.943	Pass
5	2156.617	19.533	-1.190	Pass
6	2144.950	24.067	-0.160	Pass
7	2133.717	22.367	1.036	Pass
8	2136.250	29.700	-1.141	Pass
9	2144.217	13.800	0.350	Pass
10	2127.383	29.500	1.261	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 15:28:17
Results file name:	OA6P2817.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2054.540 +-	3.502
Doubles:	21.263 +-	0.926
Triples:	-0.072 +-	0.349
Quads:	-0.070 +-	0.036
Quads/Triples:	-0.684 +-	0.865
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2063.350	17.533	-1.562	Pass
2	2060.017	19.167	-1.078	Pass
3	2071.117	23.333	-1.289	Pass
4	2046.817	23.933	0.247	Pass
5	2047.917	20.800	0.015	Pass
6	2052.517	21.900	1.976	Pass
7	2036.683	24.167	1.062	Pass
8	2068.150	25.000	0.532	Pass
9	2054.750	16.400	-0.007	Pass
10	2044.083	20.400	-0.619	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 16:01:25
Results file name:	OA6Q0125.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2153.247 +-	1.943
Doubles:	24.817 +-	1.337
Triples:	-0.396 +-	0.332
Quads:	0.009 +-	0.051
Quads/Triples:	0.065 +-	0.103
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2151.217	24.667	0.486	Pass
2	2154.717	27.233	-0.903	Pass
3	2149.283	24.000	-0.991	Pass
4	2164.650	26.367	1.162	Pass
5	2145.850	18.333	-0.045	Pass
6	2149.183	28.967	-0.844	Pass
7	2157.383	27.900	-1.783	Pass
8	2159.917	19.333	-0.300	Pass
9	2145.917	30.767	1.019	Pass
10	2154.350	20.600	-1.763	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 16:07:33
Results file name:	OA6Q0733.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2462.890 +-	2.583
Doubles:	31.173 +-	1.101
Triples:	0.294 +-	0.186
Quads:	0.190 +-	0.082
Quads/Triples:	-0.014 +-	0.206
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2460.517	34.433	-0.081	Pass
2	2470.083	30.900	0.413	Pass
3	2467.583	32.667	0.877	Pass
4	2457.317	24.833	-0.665	Pass
5	2472.617	29.100	0.797	Pass
6	2452.017	29.133	0.641	Pass
7	2461.417	31.200	-0.365	Pass
8	2449.050	37.567	-0.181	Pass
9	2467.583	32.767	0.404	Pass
10	2470.717	29.133	1.101	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 16:14:00
Results file name:	0A6Q1400.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3112.550 +-	2.776
Doubles:	47.467 +-	2.014
Triples:	-0.363 +-	0.283
Quads:	0.072 +-	0.209
Quads/Triples:	0.373 +-	0.247
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3109.950	46.300	-1.234	Pass
2	3108.117	48.400	-0.946	Pass
3	3113.917	35.033	1.206	Pass
4	3109.417	45.600	-0.996	Pass
5	3106.717	46.600	0.501	Pass
6	3126.550	49.500	-0.332	Pass
7	3120.217	43.533	-1.172	Pass
8	3102.717	45.900	-0.833	Pass
9	3102.417	58.333	-0.689	Pass
10	3125.483	55.467	0.865	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 16:20:48
Results file name:	0A6Q2048.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	4253.627 +-	5.201
Doubles:	89.187 +-	1.357
Triples:	0.795 +-	0.978
Quads:	-0.207 +-	0.253
Quads/Triples:	0.414 +-	0.216
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	4252.217	89.367	1.907	Pass
2	4269.083	91.367	3.280	Pass
3	4261.550	78.967	-1.019	Pass
4	4281.183	90.267	-0.097	Pass
5	4249.183	93.033	-3.523	Pass
6	4248.317	86.267	-1.261	Pass
7	4243.650	88.733	-3.105	Pass
8	4219.350	93.567	5.928	Pass
9	4260.283	92.467	3.640	Pass
10	4251.450	87.833	2.212	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:16:50
Results file name:	OA6L1650.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1281.097 +-	2.417
Doubles:	7.950 +-	0.556
Triples:	0.088 +-	0.211
Quads:	0.074 +-	0.028
Quads/Triples:	-0.095 +-	0.224
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1289.750	8.800	-0.134	Pass
2	1277.283	6.667	0.380	Pass
3	1283.850	8.733	0.741	Pass
4	1266.417	8.700	-0.213	Pass
5	1288.983	11.267	-0.973	Pass
6	1275.317	7.600	-0.231	Pass
7	1273.317	7.967	1.038	Pass
8	1284.783	7.967	0.934	Pass
9	1286.650	4.367	-0.604	Pass
10	1284.617	7.433	-0.055	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:06:40
Results file name:	OA6L0640.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1460.687 +-	1.407
Doubles:	11.683 +-	0.808
Triples:	0.252 +-	0.130
Quads:	-0.042 +-	0.022
Quads/Triples:	-1.025 +-	0.851
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1462.350	14.667	-0.215	Pass
2	1460.483	17.000	0.441	Pass
3	1458.117	9.100	0.669	Pass
4	1453.017	10.200	0.279	Pass
5	1462.350	9.600	0.359	Pass
6	1463.150	13.100	0.895	Pass
7	1453.617	11.233	0.443	Pass
8	1466.350	10.433	0.017	Pass
9	1464.183	9.567	-0.506	Pass
10	1463.250	11.933	0.137	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 10:56:39
Results file name:	OA6K5639.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1642.067 +-	2.188
Doubles:	15.027 +-	0.617
Triples:	0.495 +-	0.200
Quads:	0.092 +-	0.042
Quads/Triples:	0.877 +-	0.975
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1649.517	17.800	1.267	Pass
2	1655.050	14.233	1.475	Pass
3	1646.317	13.133	1.066	Pass
4	1635.950	12.333	-0.178	Pass
5	1635.883	17.467	0.024	Pass
6	1643.817	17.467	-0.288	Pass
7	1639.550	15.167	-0.005	Pass
8	1631.983	13.467	0.780	Pass
9	1641.883	15.033	0.604	Pass
10	1640.717	14.167	0.202	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 10:49:35
Results file name:	OA6K4935.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1843.463 +-	2.872
Doubles:	17.700 +-	1.016
Triples:	0.170 +-	0.153
Quads:	0.075 +-	0.069
Quads/Triples:	0.091 +-	0.248
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1853.483	17.400	0.647	Pass
2	1855.217	16.467	-0.512	Pass
3	1837.450	18.800	0.166	Pass
4	1850.450	17.667	0.155	Pass
5	1847.483	16.600	-0.219	Pass
6	1823.983	20.267	1.019	Pass
7	1841.850	21.067	-0.202	Pass
8	1841.150	19.067	0.382	Pass
9	1839.583	19.967	0.560	Pass
10	1843.983	9.700	-0.294	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 10:41:18
Results file name:	OA6K4118.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1988.840 +-	2.339
Doubles:	21.077 +-	1.306
Triples:	-0.431 +-	0.201
Quads:	0.101 +-	0.049
Quads/Triples:	0.184 +-	0.352
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1987.950	21.600	-0.606	Pass
2	1975.750	14.133	-1.375	Pass
3	1996.017	24.500	-0.643	Pass
4	1988.350	26.300	-0.697	Pass
5	1986.417	22.067	0.070	Pass
6	2002.550	18.500	0.383	Pass
7	1989.417	23.667	-0.263	Pass
8	1993.250	19.100	0.617	Pass
9	1981.650	15.600	-0.662	Pass
10	1987.050	25.300	-1.142	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 10:29:42
Results file name:	OA6K2942.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2043.177 +-	2.079
Doubles:	23.057 +-	0.864
Triples:	0.040 +-	0.189
Quads:	0.064 +-	0.051
Quads/Triples:	0.216 +-	0.132
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2040.683	23.400	0.177	Pass
2	2030.583	19.133	-0.249	Pass
3	2044.283	22.767	-0.771	Pass
4	2045.517	23.533	-0.906	Pass
5	2034.850	27.367	-0.352	Pass
6	2052.450	27.167	0.718	Pass
7	2048.450	19.633	0.259	Pass
8	2040.950	22.133	0.288	Pass
9	2047.183	21.467	0.925	Pass
10	2046.817	23.967	0.306	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:28:07
Results file name:	OA6L2807.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2011.310 +- 2.643
Doubles:	21.817 +- 1.160
Triples:	0.550 +- 0.225
Quads:	0.182 +- 0.066
Quads/Triples:	0.125 +- 0.256
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2010.417	26.667	0.703	Pass
2	2004.250	21.233	-0.878	Pass
3	2007.117	24.767	0.294	Pass
4	2010.483	13.900	0.869	Pass
5	2004.550	18.467	0.918	Pass
6	2014.117	22.500	1.741	Pass
7	2004.850	20.667	0.957	Pass
8	2032.617	24.467	-0.204	Pass
9	2010.350	24.167	0.403	Pass
10	2014.350	21.333	0.692	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:34:58
Results file name:	OA6L3458.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1879.443 +- 3.297
Doubles:	18.763 +- 0.516
Triples:	0.386 +- 0.275
Quads:	0.079 +- 0.069
Quads/Triples:	-0.013 +- 0.123
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1863.883	17.233	0.891	Pass
2	1886.383	19.667	1.306	Pass
3	1892.417	16.167	-1.000	Pass
4	1884.950	19.667	-0.622	Pass
5	1880.017	16.500	-0.268	Pass
6	1874.317	19.000	1.031	Pass
7	1867.483	18.533	-0.397	Pass
8	1882.817	20.000	0.633	Pass
9	1893.383	21.100	1.357	Pass
10	1868.783	19.767	0.924	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:41:57
Results file name:	OA6L4157.RTS
Inspection number:	
Item id:	V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1674.337 +-	3.050
Doubles:	13.227 +-	0.698
Triples:	0.056 +-	0.152
Quads:	0.047 +-	0.050
Quads/Triples:	0.052 +-	0.199
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1678.850	13.833	0.536	Pass
2	1673.650	14.533	0.099	Pass
3	1676.350	9.567	-0.400	Pass
4	1694.550	12.167	0.266	Pass
5	1671.217	16.767	-0.771	Pass
6	1680.083	10.367	0.135	Pass
7	1663.750	13.133	0.251	Pass
8	1658.650	13.033	0.666	Pass
9	1673.117	13.100	0.353	Pass
10	1673.150	15.767	-0.572	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:48:49
Results file name:	OA6L4849.RTS
Inspection number:	
Item id:	V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1446.327 +-	1.805
Doubles:	10.593 +-	0.433
Triples:	0.033 +-	0.146
Quads:	0.025 +-	0.027
Quads/Triples:	0.179 +-	0.134
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1451.983	10.167	0.674	Pass
2	1445.317	10.567	0.341	Pass
3	1432.783	13.133	0.223	Pass
4	1451.183	10.033	-0.941	Pass
5	1450.583	10.000	0.032	Pass
6	1450.450	12.100	0.201	Pass
7	1445.417	11.167	-0.178	Pass
8	1446.450	9.267	0.427	Pass
9	1446.883	11.133	-0.404	Pass
10	1442.217	8.367	-0.042	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	20.10.06 11:56:05
Results file name:	0A6L5605.RTS
Inspection number:	
Item id:	V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0060
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.950 +- 0.038
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1249.750 +- 1.831
Doubles:	7.583 +- 0.505
Triples:	0.193 +- 0.109
Quads:	0.006 +- 0.025
Quads/Triples:	0.128 +- 0.101
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1257.817	8.867	0.281	Pass
2	1247.483	8.533	-0.220	Pass
3	1246.683	5.400	0.631	Pass
4	1253.350	7.000	-0.233	Pass
5	1242.117	7.333	0.045	Pass
6	1252.217	9.567	0.690	Pass
7	1259.283	8.900	-0.228	Pass
8	1244.817	8.233	0.334	Pass
9	1244.350	4.567	0.228	Pass
10	1249.383	7.433	0.400	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:06:55
Results file name:	07100655.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	46719.792 +- 17.616
Doubles:	11046.292 +- 29.705
Triples:	1469.595 +- 41.004
Quads:	-48.297 +- 78.953
Quads/Triples:	-0.045 +- 0.053
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	46764.150	11093.506	1371.169	Pass
2	46644.669	11047.627	1483.060	Pass
3	46801.406	11076.733	1513.069	Pass
4	46619.968	10859.545	1309.138	Pass
5	46740.903	11014.991	1674.308	Pass
6	46729.296	11101.707	1458.620	Pass
7	46711.261	11179.411	1317.052	Pass
8	46722.292	10929.607	1445.342	Pass
9	46769.259	11036.660	1686.123	Pass
10	46694.714	11123.134	1437.251	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:00:36
Results file name:	07100036.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	44801.568 +- 25.594
Doubles:	10153.747 +- 28.179
Triples:	1330.981 +- 38.130
Quads:	103.540 +- 62.635
Quads/Triples:	0.075 +- 0.048
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	44675.537	10079.327	1135.238	Pass
2	44921.217	10249.954	1460.826	Pass
3	44865.891	10229.040	1404.187	Pass
4	44864.301	10199.766	1505.626	Pass
5	44806.440	10172.663	1263.066	Pass
6	44801.638	10153.351	1433.130	Pass
7	44687.508	10246.599	1354.561	Pass
8	44804.377	10064.791	1306.498	Pass
9	44855.779	10166.638	1232.796	Pass
10	44732.990	9975.344	1212.764	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 13:54:19
Results file name:	071N5419.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43531.482 +- 11.318
Doubles:	9591.732 +- 19.230
Triples:	1207.949 +- 48.003
Quads:	-32.239 +- 51.845
Quads/Triples:	-0.037 +- 0.046
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43532.442	9478.652	1134.551	Pass
2	43513.681	9643.104	1039.819	Pass
3	43580.544	9630.218	1321.452	Pass
4	43568.408	9548.251	1228.384	Pass
5	43568.746	9637.515	1497.897	Pass
6	43478.965	9609.230	1071.685	Pass
7	43540.791	9634.223	1356.723	Pass
8	43483.089	9659.368	1218.535	Pass
9	43543.495	9536.375	1020.218	Pass
10	43504.656	9540.388	1190.507	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 13:47:57
Results file name:	071N4757.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42801.744 +- 5.456
Doubles:	9283.993 +- 37.220
Triples:	1140.111 +- 24.453
Quads:	-5.736 +- 52.604
Quads/Triples:	-0.006 +- 0.044
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42822.285	9302.233	1161.739	Pass
2	42786.495	9296.606	1096.454	Pass
3	42814.613	9323.087	1120.995	Pass
4	42790.314	9297.314	1045.973	Pass
5	42773.146	9183.498	1188.375	Pass
6	42828.976	9135.997	1241.197	Pass
7	42800.520	9551.975	1244.194	Pass
8	42800.858	9327.562	1004.687	Pass
9	42791.159	9155.784	1161.914	Pass
10	42809.071	9265.870	1135.589	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 13:41:33
Results file name:	071N4133.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42532.705 +- 9.113
Doubles:	9133.031 +- 27.260
Triples:	1184.324 +- 45.584
Quads:	67.618 +- 53.684
Quads/Triples:	0.049 +- 0.046
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42501.211	9155.451	1299.772	Pass
2	42577.818	9183.923	1053.317	Pass
3	42533.786	9284.068	1266.648	Pass
4	42498.237	9007.348	1410.341	Pass
5	42562.949	9067.089	1167.672	Pass
6	42553.048	9119.957	1051.161	Pass
7	42502.427	9126.443	1108.312	Pass
8	42558.320	9213.851	1184.736	Pass
9	42522.162	9155.642	1340.933	Pass
10	42517.093	9016.534	959.954	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:13:22
Results file name:	07101322.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42768.378 +- 14.136
Doubles:	9259.815 +- 27.407
Triples:	1111.366 +- 33.732
Quads:	-23.274 +- 45.147
Quads/Triples:	-0.027 +- 0.040
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42817.756	9318.172	1061.621	Pass
2	42776.627	9329.541	1156.532	Pass
3	42769.395	9262.620	1268.036	Pass
4	42723.164	9287.834	969.466	Pass
5	42741.852	9295.175	1116.400	Pass
6	42805.792	9265.645	1027.191	Pass
7	42788.287	9247.520	1267.738	Pass
8	42819.074	9304.989	1107.913	Pass
9	42677.001	9261.488	1164.520	Pass
10	42764.833	9025.163	974.221	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:19:37
Results file name:	07101937.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43409.766 +- 17.923
Doubles:	9463.448 +- 27.765
Triples:	1214.381 +- 39.381
Quads:	15.959 +- 44.943
Quads/Triples:	0.005 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43526.154	9521.632	1077.419	Pass
2	43448.239	9352.380	1146.843	Pass
3	43418.561	9631.033	1479.579	Pass
4	43378.573	9499.343	1202.268	Pass
5	43330.778	9448.978	1090.505	Pass
6	43363.464	9508.916	1364.550	Pass
7	43374.145	9491.159	1255.567	Pass
8	43383.880	9337.222	1166.461	Pass
9	43459.698	9452.365	1208.543	Pass
10	43414.167	9391.455	1152.250	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:26:07
Results file name:	07102607.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	44567.566 +- 17.740
Doubles:	10050.142 +- 24.597
Triples:	1315.140 +- 69.068
Quads:	49.817 +- 49.630
Quads/Triples:	0.031 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	44515.999	10163.118	1463.462	Pass
2	44584.135	10130.770	1181.749	Pass
3	44658.933	10098.738	1245.350	Pass
4	44561.513	9887.226	1093.589	Pass
5	44468.322	10046.466	1522.459	Pass
6	44544.538	10092.543	1235.274	Pass
7	44564.996	10029.939	1246.351	Pass
8	44599.114	10030.090	1204.570	Pass
9	44637.528	10029.137	1151.460	Pass
10	44540.582	9993.389	1807.560	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 14:32:19
Results file name:	07103219.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	46313.984 +- 22.280
Doubles:	10922.931 +- 37.960
Triples:	1493.639 +- 52.282
Quads:	52.698 +- 64.263
Quads/Triples:	0.030 +- 0.047
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	46335.075	10904.296	1602.127	Pass
2	46311.527	10832.946	1222.052	Pass
3	46250.120	10954.521	1487.969	Pass
4	46246.872	10761.314	1348.848	Pass
5	46483.236	11163.489	1674.781	Pass
6	46354.293	10981.661	1751.109	Pass
7	46306.892	10774.846	1449.349	Pass
8	46309.463	10890.587	1314.692	Pass
9	46299.787	10946.389	1511.625	Pass
10	46242.575	11019.263	1571.580	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:38:49
Results file name:	071K3849.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	46388.374 +- 17.627
Doubles:	10896.681 +- 19.323
Triples:	1441.515 +- 52.567
Quads:	30.046 +- 53.672
Quads/Triples:	0.015 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	46476.638	10903.054	1461.478	Pass
2	46362.751	10819.394	1095.609	Pass
3	46390.969	10845.552	1519.353	Pass
4	46268.423	10920.449	1444.387	Pass
5	46346.714	11017.699	1572.823	Pass
6	46439.691	10927.213	1602.314	Pass
7	46405.078	10879.236	1594.377	Pass
8	46409.205	10907.321	1415.040	Pass
9	46389.717	10812.885	1212.882	Pass
10	46394.555	10934.005	1497.557	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:32:25
Results file name:	071K3225.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	44646.439 +- 21.855
Doubles:	10109.701 +- 24.282
Triples:	1292.433 +- 36.756
Quads:	7.049 +- 47.283
Quads/Triples:	0.001 +- 0.035
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	44709.927	10184.794	1293.460	Pass
2	44600.501	10110.021	1220.134	Pass
3	44590.323	10072.052	1154.625	Pass
4	44663.532	10100.311	1304.868	Pass
5	44564.624	10126.253	1566.962	Pass
6	44564.522	9958.385	1200.702	Pass
7	44618.085	10024.484	1229.181	Pass
8	44762.985	10220.063	1319.916	Pass
9	44716.251	10152.212	1377.742	Pass
10	44673.643	10148.435	1255.005	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:26:10
Results file name:	071K2610.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43493.930 +- 12.578
Doubles:	9564.128 +- 22.926
Triples:	1197.217 +- 52.077
Quads:	-22.375 +- 36.957
Quads/Triples:	-0.024 +- 0.032
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43527.270	9522.153	1289.446	Pass
2	43490.391	9524.327	1210.074	Pass
3	43539.574	9612.174	1246.749	Pass
4	43436.408	9673.337	935.865	Pass
5	43442.188	9430.048	1274.846	Pass
6	43521.692	9656.179	1352.134	Pass
7	43500.329	9579.300	958.244	Pass
8	43523.180	9547.734	1282.746	Pass
9	43440.803	9581.574	1397.919	Pass
10	43517.467	9514.449	1024.248	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:19:53
Results file name:	071K1953.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42769.216 +- 13.338
Doubles:	9277.321 +- 32.655
Triples:	1113.910 +- 34.705
Quads:	-0.577 +- 56.635
Quads/Triples:	-0.008 +- 0.054
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42796.431	9166.162	1160.148	Pass
2	42779.432	9323.767	1324.233	Pass
3	42804.981	9380.727	1054.642	Pass
4	42810.355	9310.248	1259.093	Pass
5	42731.072	9084.272	1072.567	Pass
6	42805.860	9228.129	1104.522	Pass
7	42791.024	9424.566	1048.691	Pass
8	42707.720	9221.792	957.896	Pass
9	42767.739	9284.263	1030.880	Pass
10	42697.548	9349.280	1126.027	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:11:31
Results file name:	071K1131.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42570.546 +- 16.804
Doubles:	9191.342 +- 32.269
Triples:	1187.047 +- 40.284
Quads:	63.667 +- 43.817
Quads/Triples:	0.048 +- 0.039
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42626.041	9201.576	1203.569	Pass
2	42535.206	9246.429	1383.046	Pass
3	42572.952	9395.019	1389.456	Pass
4	42559.604	9079.025	1110.498	Pass
5	42654.664	9149.192	1096.726	Pass
6	42640.538	9321.086	1261.565	Pass
7	42514.761	9155.599	1168.970	Pass
8	42566.971	9085.234	1039.355	Pass
9	42507.327	9133.666	1186.796	Pass
10	42527.400	9146.595	1029.948	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:45:12
Results file name:	071K4512.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42808.449 +- 19.278
Doubles:	9272.175 +- 40.866
Triples:	1140.627 +- 43.715
Quads:	54.989 +- 48.597
Quads/Triples:	0.038 +- 0.038
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42757.668	9276.288	927.346	Pass
2	42859.156	9341.273	1151.340	Pass
3	42806.097	9160.223	1109.617	Pass
4	42680.888	9229.924	1100.181	Pass
5	42893.695	9083.301	1094.466	Pass
6	42773.214	9325.991	974.686	Pass
7	42822.859	9420.202	1214.829	Pass
8	42864.394	9472.293	1192.695	Pass
9	42805.319	9101.390	1217.849	Pass
10	42821.203	9310.861	1423.365	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 10:51:31
Results file name:	071K5131.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43487.521 +- 8.588
Doubles:	9538.566 +- 34.028
Triples:	1206.516 +- 36.744
Quads:	-1.499 +- 38.239
Quads/Triples:	-0.001 +- 0.033
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43492.182	9539.386	1075.284	Pass
2	43525.715	9459.998	1074.737	Pass
3	43507.563	9663.427	1243.632	Pass
4	43490.898	9624.591	1264.858	Pass
5	43479.303	9737.221	1217.190	Pass
6	43468.656	9426.472	1063.165	Pass
7	43471.056	9428.063	1146.381	Pass
8	43514.661	9569.585	1254.237	Pass
9	43494.751	9466.014	1304.317	Pass
10	43430.425	9470.902	1421.046	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 11:02:40
Results file name:	071L0240.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	44811.655 +- 15.698
Doubles:	10126.685 +- 26.374
Triples:	1253.549 +- 33.608
Quads:	12.768 +- 43.420
Quads/Triples:	0.008 +- 0.035
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	44889.123	10189.945	1253.500	Pass
2	44837.585	10152.385	1222.304	Pass
3	44861.190	10008.894	1217.315	Pass
4	44874.852	10204.432	1334.117	Pass
5	44793.217	10015.799	1333.428	Pass
6	44747.463	10094.028	1324.250	Pass
7	44779.860	10116.160	1271.370	Pass
8	44786.724	10060.320	1032.027	Pass
9	44776.174	10160.321	1148.525	Pass
10	44770.357	10264.571	1398.727	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.07.01 11:17:43
Results file name:	071L1743.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	46612.169 +- 18.291
Doubles:	11018.958 +- 32.218
Triples:	1528.028 +- 38.442
Quads:	96.687 +- 54.385
Quads/Triples:	0.061 +- 0.038
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	46579.533	11185.404	1742.831	Pass
2	46582.037	10904.582	1595.058	Pass
3	46530.674	11019.412	1411.679	Pass
4	46593.271	11018.034	1431.221	Pass
5	46659.726	10895.062	1548.426	Pass
6	46677.118	11122.322	1408.497	Pass
7	46722.224	11022.587	1383.772	Pass
8	46562.750	10932.575	1497.489	Pass
9	46612.388	11139.101	1661.640	Pass
10	46601.967	10950.504	1599.850	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 13:51:23
Results file name:	06ON5123.RTS
Inspection number:	
Item id:	BC V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+18cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	21611.987 +- 8.692
Doubles:	2294.754 +- 12.693
Triples:	119.827 +- 12.366
Quads:	-20.918 +- 4.258
Quads/Triples:	-0.193 +- 0.051
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	21594.063	2325.958	127.495	Pass
2	21578.959	2271.520	162.308	Pass
3	21634.409	2226.580	93.763	Pass
4	21588.290	2306.988	124.858	Pass
5	21628.636	2313.706	137.474	Pass
6	21619.036	2234.061	56.371	Pass
7	21596.010	2347.727	190.851	Pass
8	21659.550	2326.191	111.009	Pass
9	21637.598	2310.407	78.369	Pass
10	21583.322	2284.403	115.838	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 13:57:56
Results file name:	06ON5756.RTS
Inspection number:	
Item id:	BC V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+16cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	24972.088 +- 9.938
Doubles:	3080.765 +- 13.666
Triples:	207.810 +- 21.573
Quads:	-5.524 +- 18.758
Quads/Triples:	-0.119 +- 0.113
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	24986.154	3097.424	224.320	Pass
2	24967.908	3074.626	172.613	Pass
3	24918.816	3079.237	283.351	Pass
4	24991.362	3127.378	187.215	Pass
5	24966.430	3016.059	110.846	Pass
6	24985.348	3028.052	160.714	Pass
7	24921.807	3089.879	131.993	Pass
8	25007.290	3077.278	319.724	Pass
9	25010.112	3055.571	213.975	Pass
10	24965.657	3162.147	273.493	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:04:19
Results file name:	06000419.RTS
Inspection number:	
Item id:	BC V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+14cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	28358.668 +- 20.128
Doubles:	3966.932 +- 19.815
Triples:	311.444 +- 26.904
Quads:	-20.363 +- 14.845
Quads/Triples:	-0.100 +- 0.059
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	28370.579	3971.754	313.567	Pass
2	28288.905	3895.137	372.126	Pass
3	28256.983	3928.220	253.047	Pass
4	28386.726	3968.706	190.709	Pass
5	28384.404	3963.981	458.598	Pass
6	28412.157	3964.323	254.068	Pass
7	28423.190	4063.851	424.496	Pass
8	28352.919	3910.708	248.378	Pass
9	28434.728	4084.147	325.955	Pass
10	28276.089	3918.492	272.007	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:10:30
Results file name:	06001030.RTS
Inspection number:	
Item id:	BC V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31654.765 +- 13.916
Doubles:	4983.515 +- 26.588
Triples:	470.420 +- 33.468
Quads:	-13.496 +- 22.403
Quads/Triples:	-0.052 +- 0.047
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31662.820	5006.644	428.153	Pass
2	31683.732	4946.125	373.118	Pass
3	31656.489	5010.026	582.279	Pass
4	31604.092	4949.716	407.731	Pass
5	31705.317	5007.291	360.792	Pass
6	31568.129	4792.278	333.122	Pass
7	31658.072	4987.919	491.476	Pass
8	31672.552	5131.862	583.499	Pass
9	31708.247	4998.047	505.774	Pass
10	31628.203	5005.240	637.051	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:16:40
Results file name:	06001640.RTS
Inspection number:	
Item id:	BC V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	34779.934 +- 9.320
Doubles:	5972.114 +- 21.076
Triples:	568.191 +- 27.929
Quads:	-17.769 +- 20.837
Quads/Triples:	-0.038 +- 0.039
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	34769.949	6023.089	661.024	Pass
2	34798.871	5882.219	482.189	Pass
3	34748.882	6002.250	637.140	Pass
4	34849.670	6023.874	555.375	Pass
5	34760.039	5895.809	392.675	Pass
6	34784.949	5866.317	500.853	Pass
7	34789.803	5957.686	669.538	Pass
8	34766.309	6009.270	623.977	Pass
9	34779.691	6043.169	567.719	Pass
10	34751.174	6017.460	591.532	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:23:08
Results file name:	06002308.RTS
Inspection number:	
Item id:	BC V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	37592.240 +- 15.267
Doubles:	7075.043 +- 23.387
Triples:	785.794 +- 25.495
Quads:	76.620 +- 39.931
Quads/Triples:	0.094 +- 0.052
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	37607.567	7105.698	830.326	Pass
2	37587.729	7128.862	765.898	Pass
3	37550.246	7004.772	794.392	Pass
4	37552.337	7023.016	792.344	Pass
5	37632.095	7043.967	692.785	Pass
6	37576.966	7056.898	655.046	Pass
7	37621.974	6993.484	835.391	Pass
8	37692.927	7243.574	716.238	Pass
9	37527.911	7048.652	852.796	Pass
10	37572.648	7101.509	921.700	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:29:19
Results file name:	06002919.RTS
Inspection number:	
Item id:	BC V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	39885.897 +- 15.086
Doubles:	7981.923 +- 33.840
Triples:	905.081 +- 31.518
Quads:	38.929 +- 32.009
Quads/Triples:	0.036 +- 0.034
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	39814.224	7892.879	970.069	Pass
2	39900.084	7987.291	903.247	Pass
3	39816.284	7872.201	1020.156	Pass
4	39943.471	8039.940	1014.264	Pass
5	39850.722	7969.050	727.786	Pass
6	39923.449	8052.764	779.071	Pass
7	39872.432	7861.507	832.034	Pass
8	39876.382	7870.965	880.710	Pass
9	39931.923	8140.254	977.845	Pass
10	39929.999	8132.379	943.505	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 11:28:10
Results file name:	06OL2810.RTS
Inspection number:	
Item id:	BC V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	41611.100 +- 11.799
Doubles:	8679.401 +- 21.147
Triples:	1043.213 +- 25.580
Quads:	26.547 +- 47.398
Quads/Triples:	0.020 +- 0.047
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	41652.135	8700.217	1196.500	Pass
2	41635.953	8549.247	1004.417	Pass
3	41590.010	8633.488	947.693	Pass
4	41666.425	8673.112	1079.233	Pass
5	41549.336	8722.477	1050.862	Pass
6	41573.321	8631.718	1004.559	Pass
7	41636.730	8682.259	1148.064	Pass
8	41582.983	8693.600	978.181	Pass
9	41615.920	8805.290	1059.828	Pass
10	41608.184	8702.607	963.115	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 11:16:56
Results file name:	060L1656.RTS
Inspection number:	
Item id:	BC V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42797.746 +- 15.099
Doubles:	9250.594 +- 22.442
Triples:	1175.590 +- 28.968
Quads:	44.804 +- 49.687
Quads/Triples:	0.034 +- 0.043
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42746.313	9341.796	1260.054	Pass
2	42862.569	9372.542	1070.565	Pass
3	42767.874	9200.015	1280.224	Pass
4	42830.835	9182.776	1298.938	Pass
5	42825.123	9265.932	1099.229	Pass
6	42767.705	9293.890	1139.632	Pass
7	42852.667	9160.976	1203.090	Pass
8	42757.905	9183.477	1072.110	Pass
9	42833.268	9265.123	1087.316	Pass
10	42733.201	9239.416	1244.978	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 11:34:38
Results file name:	060L3438.RTS
Inspection number:	
Item id:	BC V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43293.777 +- 19.323
Doubles:	9442.616 +- 36.127
Triples:	1211.687 +- 39.861
Quads:	35.120 +- 42.733
Quads/Triples:	0.022 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43329.562	9563.856	1044.681	Pass
2	43311.275	9520.491	1229.878	Pass
3	43323.849	9387.964	1064.889	Pass
4	43300.425	9457.499	1389.873	Pass
5	43182.565	9576.867	1318.602	Pass
6	43331.826	9534.977	1304.077	Pass
7	43295.051	9369.077	1320.866	Pass
8	43391.249	9472.515	1045.841	Pass
9	43212.849	9303.468	1228.515	Pass
10	43259.121	9239.450	1169.223	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 11:46:23
Results file name:	060L4623.RTS
Inspection number:	
Item id:	BC V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	43171.790 +- 8.578
Doubles:	9356.386 +- 22.294
Triples:	1158.833 +- 51.161
Quads:	8.599 +- 34.199
Quads/Triples:	0.000 +- 0.029
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43133.286	9421.085	1242.895	Pass
2	43184.120	9340.651	957.835	Pass
3	43195.341	9243.184	951.292	Pass
4	43207.036	9437.432	1356.725	Pass
5	43161.001	9342.432	1158.618	Pass
6	43121.997	9255.189	979.737	Pass
7	43175.095	9369.281	1144.360	Pass
8	43178.847	9354.431	1199.146	Pass
9	43166.814	9343.118	1426.819	Pass
10	43194.361	9457.061	1170.669	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 11:54:53
Results file name:	060L5453.RTS
Inspection number:	
Item id:	BC V12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	42432.925 +- 19.169
Doubles:	9040.699 +- 22.529
Triples:	1156.752 +- 27.527
Quads:	106.311 +- 38.245
Quads/Triples:	0.088 +- 0.033
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	42414.468	9076.740	1226.194	Pass
2	42320.733	9090.683	1152.724	Pass
3	42457.214	9107.407	1111.751	Pass
4	42448.462	8935.366	1199.296	Pass
5	42501.312	8992.259	1056.874	Pass
6	42389.328	9052.925	1253.840	Pass
7	42511.889	8919.321	1022.308	Pass
8	42491.377	9111.512	1071.198	Pass
9	42380.880	9019.651	1208.089	Pass
10	42413.589	9101.124	1266.705	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 15:31:41
Results file name:	060P3141.RTS
Inspection number:	
Item id:	BC V13
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	41102.117 +- 10.707
Doubles:	8495.667 +- 27.118
Triples:	963.170 +- 32.538
Quads:	13.582 +- 35.623
Quads/Triples:	0.011 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	41114.868	8368.419	907.246	Pass
2	41134.019	8461.615	892.286	Pass
3	41095.649	8449.736	816.680	Pass
4	41031.609	8405.891	864.371	Pass
5	41115.239	8659.298	1053.835	Pass
6	41067.412	8516.901	986.874	Pass
7	41101.594	8483.924	1091.822	Pass
8	41097.203	8583.973	989.083	Pass
9	41109.869	8475.584	1125.536	Pass
10	41153.711	8551.325	903.612	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:36:41
Results file name:	06003641.RTS
Inspection number:	
Item id:	BC V14
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	39235.349 +- 12.560
Doubles:	7726.871 +- 23.402
Triples:	842.071 +- 35.561
Quads:	-39.151 +- 46.790
Quads/Triples:	-0.060 +- 0.058
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	39231.737	7721.917	718.656	Pass
2	39214.319	7735.265	845.339	Pass
3	39152.613	7739.026	1007.521	Pass
4	39273.257	7659.873	882.746	Pass
5	39242.404	7669.874	724.334	Pass
6	39272.380	7681.952	848.277	Pass
7	39251.754	7691.080	749.768	Pass
8	39286.760	7749.743	976.970	Pass
9	39224.783	7918.779	953.816	Pass
10	39203.483	7701.199	713.855	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:43:10
Results file name:	06004310.RTS
Inspection number:	
Item id:	BC V15
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	36681.678 +- 20.217
Doubles:	6689.047 +- 24.719
Triples:	717.153 +- 33.817
Quads:	21.971 +- 30.758
Quads/Triples:	0.033 +- 0.043
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36631.557	6585.289	581.871	Pass
2	36625.891	6775.418	733.156	Pass
3	36788.026	6570.899	688.076	Pass
4	36698.441	6813.444	715.840	Pass
5	36667.613	6747.103	793.958	Pass
6	36626.194	6697.884	833.525	Pass
7	36781.213	6711.929	698.762	Pass
8	36666.668	6633.523	680.372	Pass
9	36612.467	6675.267	899.951	Pass
10	36718.712	6679.716	546.936	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:49:42
Results file name:	06004942.RTS
Inspection number:	
Item id:	BC V16
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	33846.731 +- 6.228
Doubles:	5728.009 +- 21.262
Triples:	542.642 +- 30.415
Quads:	-20.193 +- 28.438
Quads/Triples:	-0.037 +- 0.054
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	33850.263	5712.910	482.020	Pass
2	33852.554	5800.433	624.593	Pass
3	33814.509	5623.563	453.305	Pass
4	33828.393	5747.883	357.078	Pass
5	33875.772	5667.321	552.234	Pass
6	33853.194	5722.220	646.193	Pass
7	33831.998	5657.248	606.399	Pass
8	33868.695	5828.938	585.623	Pass
9	33861.518	5798.388	640.444	Pass
10	33830.414	5721.183	478.176	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 14:58:04
Results file name:	06005804.RTS
Inspection number:	
Item id:	BC V17
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-14cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	30499.672 +- 10.600
Doubles:	4613.589 +- 11.664
Triples:	395.250 +- 18.158
Quads:	-30.016 +- 18.664
Quads/Triples:	-0.091 +- 0.051
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30493.498	4612.010	365.175	Pass
2	30453.205	4622.938	482.016	Pass
3	30497.639	4612.022	397.285	Pass
4	30502.284	4582.123	317.757	Pass
5	30555.739	4658.834	318.871	Pass
6	30528.641	4672.146	377.964	Pass
7	30533.488	4634.734	458.896	Pass
8	30485.823	4616.100	383.875	Pass
9	30448.863	4564.902	464.714	Pass
10	30497.538	4560.082	385.599	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 15:04:33
Results file name:	06OP0433.RTS
Inspection number:	
Item id:	BC V18
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-16cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	26928.919 +- 11.337
Doubles:	3586.353 +- 17.551
Triples:	280.744 +- 28.305
Quads:	2.430 +- 10.023
Quads/Triples:	-0.010 +- 0.040
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	26902.868	3562.978	246.817	Pass
2	26937.432	3567.364	235.919	Pass
3	26966.886	3520.696	272.008	Pass
4	26941.870	3507.005	135.137	Pass
5	26986.052	3625.845	259.069	Pass
6	26915.443	3596.480	204.004	Pass
7	26950.108	3586.623	283.722	Pass
8	26882.560	3632.251	357.129	Pass
9	26872.843	3696.358	449.018	Pass
10	26933.128	3567.931	365.307	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 15:10:57
Results file name:	06OP1057.RTS
Inspection number:	
Item id:	BC V19
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-18cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	23403.625 +- 13.517
Doubles:	2720.032 +- 14.949
Triples:	201.934 +- 15.877
Quads:	5.673 +- 12.355
Quads/Triples:	0.015 +- 0.065
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	23405.176	2713.571	146.143	Pass
2	23396.545	2785.021	252.961	Pass
3	23465.966	2705.251	208.129	Pass
4	23406.721	2794.717	277.928	Pass
5	23348.452	2691.580	158.741	Pass
6	23383.312	2693.027	225.294	Pass
7	23467.947	2774.151	217.190	Pass
8	23362.087	2683.415	127.495	Pass
9	23439.702	2702.194	241.088	Pass
10	23360.341	2657.391	163.983	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 15:17:19
Results file name:	06OP1719.RTS
Inspection number:	
Item id:	BC V20
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-20cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	19896.153 +- 8.829
Doubles:	1958.239 +- 14.042
Triples:	109.012 +- 12.022
Quads:	-4.814 +- 7.578
Quads/Triples:	-0.131 +- 0.118
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	19917.888	1955.312	150.986	Pass
2	19919.901	2033.474	132.807	Pass
3	19898.766	1981.689	112.190	Pass
4	19929.160	2008.333	44.330	Pass
5	19901.584	1916.937	126.554	Pass
6	19888.098	1917.529	156.528	Pass
7	19857.604	1898.045	69.801	Pass
8	19858.678	1980.524	101.095	Pass
9	19925.705	1920.782	65.647	Pass
10	19864.146	1969.761	130.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	20.06.24 15:23:45
Results file name:	060P2345.RTS
Inspection number:	
Item id:	BC V21
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-22cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1970
Multiplicity deadtime:	160.0000
Coefficient A deadtime:	0.6419
Coefficient B deadtime:	0.1030
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6825
Triples gate fraction:	0.4761
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	6.817 +- 0.098
Passive doubles bkgrnd:	0.003 +- 0.002
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	16657.698 +- 9.133
Doubles:	1374.087 +- 8.818
Triples:	72.260 +- 5.464
Quads:	11.954 +- 3.915
Quads/Triples:	0.166 +- 0.052
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	16639.391	1372.652	98.717	Pass
2	16651.488	1385.331	53.417	Pass
3	16656.214	1392.242	70.100	Pass
4	16675.383	1383.903	56.258	Pass
5	16666.938	1426.449	59.320	Pass
6	16720.759	1350.891	92.460	Pass
7	16622.668	1389.213	97.073	Pass
8	16629.639	1366.411	60.900	Pass
9	16676.489	1344.249	67.363	Pass
10	16638.017	1329.526	67.093	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:36:55
Results file name:	0A103655.RTS
Inspection number:	
Item id:	D0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+14cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1099.657 +-	1.727
Doubles:	5.080 +-	0.846
Triples:	0.115 +-	0.158
Quads:	0.042 +-	0.022
Quads/Triples:	-0.058 +-	0.073
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1097.217	6.633	-0.372	Pass
2	1093.617	6.300	-0.414	Pass
3	1091.250	7.100	-0.305	Pass
4	1108.950	8.467	1.290	Pass
5	1099.717	1.767	0.233	Pass
6	1097.883	4.333	0.158	Pass
7	1098.650	0.867	0.365	Pass
8	1104.550	7.967	-0.170	Pass
9	1105.983	5.000	0.235	Pass
10	1098.750	2.367	0.124	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:29:51
Results file name:	0A102951.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1285.403 +-	2.331
Doubles:	7.663 +-	0.488
Triples:	-0.053 +-	0.091
Quads:	0.027 +-	0.031
Quads/Triples:	0.172 +-	0.234
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1272.983	8.967	-0.372	Pass
2	1284.217	6.000	0.296	Pass
3	1286.383	9.367	-0.148	Pass
4	1285.583	5.033	-0.086	Pass
5	1295.317	7.633	-0.377	Pass
6	1291.350	9.033	0.081	Pass
7	1292.717	8.133	-0.483	Pass
8	1273.550	7.867	0.320	Pass
9	1284.517	8.833	0.128	Pass
10	1287.417	5.767	0.117	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:20:15
Results file name:	0A102015.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1478.933 +-	2.619
Doubles:	10.757 +-	0.660
Triples:	0.098 +-	0.125
Quads:	0.076 +-	0.035
Quads/Triples:	0.343 +-	0.226
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1484.517	12.200	0.162	Pass
2	1489.317	12.333	0.448	Pass
3	1464.817	5.167	0.067	Pass
4	1486.883	10.567	-0.279	Pass
5	1472.350	10.200	-0.701	Pass
6	1482.517	10.900	0.654	Pass
7	1483.550	11.600	-0.108	Pass
8	1482.850	12.067	0.140	Pass
9	1469.650	11.100	0.111	Pass
10	1472.883	11.433	0.477	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:13:13
Results file name:	0A101313.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1657.600 +-	2.835
Doubles:	12.670 +-	0.503
Triples:	0.270 +-	0.180
Quads:	0.026 +-	0.025
Quads/Triples:	0.156 +-	0.154
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1647.817	12.633	1.017	Pass
2	1654.883	12.333	-0.120	Pass
3	1655.750	12.033	0.075	Pass
4	1662.017	11.667	0.778	Pass
5	1648.350	15.900	0.816	Pass
6	1647.950	11.133	0.885	Pass
7	1654.517	12.433	-0.030	Pass
8	1662.717	10.500	0.132	Pass
9	1667.550	14.100	-0.149	Pass
10	1674.450	13.967	-0.707	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:06:10
Results file name:	0A100610.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1818.437 +- 3.966
Doubles:	15.630 +- 0.779
Triples:	0.128 +- 0.210
Quads:	0.036 +- 0.038
Quads/Triples:	10.560 +- 10.365
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1829.850	14.133	-1.007	Pass
2	1799.750	13.533	0.163	Pass
3	1822.683	14.000	-0.811	Pass
4	1809.517	19.200	-0.002	Pass
5	1815.783	13.000	0.600	Pass
6	1816.850	14.033	1.116	Pass
7	1819.450	16.400	0.642	Pass
8	1803.717	18.000	0.270	Pass
9	1824.317	14.433	-0.234	Pass
10	1842.450	19.567	0.537	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 13:59:10
Results file name:	0A1N5910.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1941.017 +- 2.787
Doubles:	20.760 +- 0.610
Triples:	0.590 +- 0.264
Quads:	0.145 +- 0.096
Quads/Triples:	0.300 +- 0.461
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1942.150	17.833	0.726	Pass
2	1931.783	20.300	0.449	Pass
3	1958.283	20.867	-0.943	Pass
4	1950.083	18.867	1.088	Pass
5	1939.517	20.400	1.744	Pass
6	1943.983	19.367	0.033	Pass
7	1944.250	20.467	0.330	Pass
8	1931.583	22.533	0.732	Pass
9	1930.350	22.767	-0.066	Pass
10	1938.183	24.200	1.812	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 13:52:03
Results file name:	0A1N5203.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2026.493 +- 3.633
Doubles:	20.817 +- 0.934
Triples:	0.076 +- 0.249
Quads:	-0.064 +- 0.058
Quads/Triples:	-0.255 +- 0.207
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2043.217	17.933	0.854	Pass
2	2016.950	22.433	-0.617	Pass
3	2025.617	22.533	0.987	Pass
4	2020.317	23.067	0.438	Pass
5	2020.783	19.267	0.058	Pass
6	2026.083	18.133	0.486	Pass
7	2044.850	17.300	-0.631	Pass
8	2019.783	18.433	0.604	Pass
9	2036.850	23.067	-1.528	Pass
10	2010.483	26.000	0.122	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 13:44:25
Results file name:	0A1N4425.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2062.460 +- 1.707
Doubles:	21.913 +- 0.902
Triples:	0.166 +- 0.171
Quads:	0.064 +- 0.063
Quads/Triples:	1.060 +- 1.295
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2058.317	18.767	-0.660	Pass
2	2060.617	23.100	0.999	Pass
3	2066.817	26.200	0.688	Pass
4	2071.483	21.633	0.836	Pass
5	2058.483	20.933	0.042	Pass
6	2064.083	21.067	-0.208	Pass
7	2065.883	22.000	-0.093	Pass
8	2065.350	26.433	0.363	Pass
9	2052.417	17.300	0.006	Pass
10	2061.150	21.700	-0.321	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:44:42
Results file name:	0A104442.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2043.110 +- 4.136
Doubles:	22.047 +- 1.003
Triples:	0.382 +- 0.271
Quads:	0.082 +- 0.043
Quads/Triples:	0.318 +- 0.489
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2066.117	25.833	-0.408	Pass
2	2036.250	22.367	-0.548	Pass
3	2062.350	24.567	0.070	Pass
4	2048.150	18.933	0.668	Pass
5	2042.617	26.533	0.381	Pass
6	2044.317	24.067	-0.066	Pass
7	2031.950	22.133	2.338	Pass
8	2026.583	18.867	-0.139	Pass
9	2042.617	19.533	1.196	Pass
10	2030.150	17.633	0.313	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:52:04
Results file name:	0A105204.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1984.587 +- 2.591
Doubles:	19.963 +- 0.919
Triples:	0.237 +- 0.280
Quads:	0.118 +- 0.086
Quads/Triples:	-0.830 +- 0.739
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1973.550	14.700	1.323	Pass
2	1981.617	25.333	1.193	Pass
3	1979.117	20.833	-0.422	Pass
4	1977.317	22.433	-0.630	Pass
5	1978.050	19.033	-0.034	Pass
6	1986.483	21.600	0.789	Pass
7	1992.917	18.400	-1.267	Pass
8	1986.717	19.867	1.283	Pass
9	2000.117	17.400	0.115	Pass
10	1989.983	20.033	0.024	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 14:59:13
Results file name:	0A105913.RTS
Inspection number:	
Item id:	D10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1877.990 +-	2.357
Doubles:	18.110 +-	0.609
Triples:	0.508 +-	0.232
Quads:	0.113 +-	0.089
Quads/Triples:	0.176 +-	0.224
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1871.450	18.367	0.355	Pass
2	1881.550	16.267	0.785	Pass
3	1884.017	17.000	0.364	Pass
4	1888.050	18.033	-0.869	Pass
5	1863.683	17.033	0.446	Pass
6	1873.850	19.500	0.802	Pass
7	1878.583	17.433	0.188	Pass
8	1882.783	17.033	2.124	Pass
9	1883.517	22.967	0.519	Pass
10	1872.417	17.467	0.365	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 15:06:38
Results file name:	0A1P0638.RTS
Inspection number:	
Item id:	D11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1739.480 +-	2.986
Doubles:	14.697 +-	0.883
Triples:	0.207 +-	0.220
Quads:	0.003 +-	0.046
Quads/Triples:	-0.101 +-	0.314
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1741.483	18.300	0.409	Pass
2	1733.417	13.833	0.048	Pass
3	1745.650	13.433	0.841	Pass
4	1722.150	16.500	1.037	Pass
5	1737.250	13.067	-1.097	Pass
6	1758.617	11.200	0.051	Pass
7	1741.917	12.967	-0.757	Pass
8	1739.817	12.100	0.801	Pass
9	1733.017	19.767	0.097	Pass
10	1741.483	15.800	0.651	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 15:13:47
Results file name:	0A1P1347.RTS
Inspection number:	
Item id:	D12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1580.827 +-	2.053
Doubles:	12.573 +-	0.787
Triples:	0.423 +-	0.250
Quads:	0.039 +-	0.044
Quads/Triples:	-0.312 +-	0.199
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1572.717	11.433	0.906	Pass
2	1588.217	14.133	0.547	Pass
3	1578.317	8.133	-0.428	Pass
4	1582.450	12.133	-0.108	Pass
5	1588.250	12.033	0.897	Pass
6	1581.750	11.533	0.129	Pass
7	1585.350	17.200	-0.358	Pass
8	1568.750	14.300	-0.476	Pass
9	1584.917	14.200	1.677	Pass
10	1577.550	10.633	1.447	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 15:20:19
Results file name:	0A1P2019.RTS
Inspection number:	
Item id:	D13
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1420.277 +-	2.307
Doubles:	9.763 +-	0.668
Triples:	-0.039 +-	0.215
Quads:	0.007 +-	0.021
Quads/Triples:	0.047 +-	0.068
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1419.317	10.100	-0.229	Pass
2	1428.917	9.967	0.280	Pass
3	1419.083	6.400	-0.518	Pass
4	1418.483	12.333	1.299	Pass
5	1405.483	7.300	-0.760	Pass
6	1422.483	10.033	-0.292	Pass
7	1428.950	7.467	-0.258	Pass
8	1425.717	11.300	-0.640	Pass
9	1422.217	12.633	-0.225	Pass
10	1412.117	10.100	0.948	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 15:26:52
Results file name:	0A1P2652.RTS
Inspection number:	
Item id:	D14
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-14cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1282.120 +- 1.845
Doubles:	8.547 +- 0.597
Triples:	0.010 +- 0.110
Quads:	0.052 +- 0.025
Quads/Triples:	0.147 +- 0.096
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1288.683	6.700	-0.355	Pass
2	1274.317	9.033	0.127	Pass
3	1288.650	8.500	0.355	Pass
4	1283.550	10.367	-0.390	Pass
5	1289.483	9.800	0.214	Pass
6	1277.783	10.333	-0.453	Pass
7	1284.250	4.467	0.456	Pass
8	1274.650	8.967	0.358	Pass
9	1282.617	7.333	-0.279	Pass
10	1277.217	9.967	0.070	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:46:14
Results file name:	0A1K4614.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	4194.153 +- 4.572
Doubles:	88.397 +- 0.930
Triples:	0.542 +- 0.802
Quads:	0.180 +- 0.195
Quads/Triples:	-0.216 +- 0.218
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	4210.417	83.200	-0.790	Pass
2	4178.350	85.667	1.088	Pass
3	4174.083	88.067	1.737	Pass
4	4181.050	87.033	-0.335	Pass
5	4197.283	89.700	-3.642	Pass
6	4182.950	89.600	-3.249	Pass
7	4193.017	92.233	1.987	Pass
8	4207.417	86.733	2.449	Pass
9	4202.617	92.933	4.316	Pass
10	4214.350	88.800	1.861	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:38:02
Results file name:	0A1K3802.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3017.020 +-	4.214
Doubles:	45.290 +-	1.519
Triples:	0.301 +-	0.364
Quads:	0.336 +-	0.154
Quads/Triples:	0.850 +-	0.480
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3010.783	49.433	-1.269	Pass
2	3016.817	43.367	0.656	Pass
3	3024.117	45.433	-0.159	Pass
4	3035.650	43.033	-1.477	Pass
5	3008.283	41.667	0.461	Pass
6	3002.317	54.167	1.876	Pass
7	2995.450	49.267	0.879	Pass
8	3030.283	36.867	0.266	Pass
9	3031.917	43.700	-0.185	Pass
10	3014.583	45.967	1.994	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:31:04
Results file name:	0A1K3104.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2438.797 +-	3.413
Doubles:	30.583 +-	1.588
Triples:	-0.624 +-	0.369
Quads:	0.057 +-	0.059
Quads/Triples:	0.024 +-	0.069
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2436.717	38.000	-0.818	Pass
2	2457.350	38.867	-0.805	Pass
3	2434.417	26.567	-1.827	Pass
4	2439.617	24.933	-1.295	Pass
5	2451.317	33.433	-1.032	Pass
6	2422.150	31.967	1.491	Pass
7	2448.250	28.767	-2.205	Pass
8	2428.217	29.700	0.473	Pass
9	2437.717	29.300	-0.959	Pass
10	2432.217	24.300	0.720	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:23:51
Results file name:	0A1K2351.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2146.033 +-	2.248
Doubles:	24.040 +-	1.075
Triples:	0.626 +-	0.218
Quads:	0.044 +-	0.066
Quads/Triples:	-0.063 +-	0.269
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2152.517	25.567	1.002	Pass
2	2161.350	27.733	1.583	Pass
3	2144.517	18.133	1.593	Pass
4	2148.783	24.767	0.739	Pass
5	2136.250	24.700	0.476	Pass
6	2140.217	17.900	0.930	Pass
7	2140.350	23.533	0.054	Pass
8	2144.783	24.833	-0.593	Pass
9	2147.317	27.067	0.133	Pass
10	2144.250	26.167	0.333	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:16:09
Results file name:	0A1K1609.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2053.350 +-	3.209
Doubles:	18.703 +-	1.355
Triples:	0.541 +-	0.272
Quads:	0.027 +-	0.058
Quads/Triples:	-0.647 +-	0.689
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2046.083	21.600	0.558	Pass
2	2050.250	19.133	-1.407	Pass
3	2051.450	13.833	0.817	Pass
4	2054.483	13.833	0.385	Pass
5	2053.250	10.733	0.764	Pass
6	2078.950	22.633	1.638	Pass
7	2058.117	22.767	0.638	Pass
8	2053.217	20.500	0.018	Pass
9	2044.417	20.900	0.369	Pass
10	2043.283	21.100	1.628	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 10:53:49
Results file name:	0A1K5349.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2160.900 +- 2.143
Doubles:	25.100 +- 0.866
Triples:	0.136 +- 0.255
Quads:	0.138 +- 0.078
Quads/Triples:	0.085 +- 0.124
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2152.083	27.833	0.682	Pass
2	2169.750	26.800	-1.002	Pass
3	2171.517	23.200	-0.847	Pass
4	2159.883	26.867	0.797	Pass
5	2153.217	23.133	0.594	Pass
6	2159.883	23.133	-0.412	Pass
7	2159.950	26.067	1.237	Pass
8	2161.650	27.867	0.843	Pass
9	2154.150	26.633	0.135	Pass
10	2166.917	19.467	-0.664	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 11:01:03
Results file name:	0A1L0103.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2472.487 +- 2.640
Doubles:	32.450 +- 1.223
Triples:	0.311 +- 0.275
Quads:	0.158 +- 0.111
Quads/Triples:	0.540 +- 0.344
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2466.417	34.633	-0.921	Pass
2	2464.617	34.100	-0.500	Pass
3	2483.183	27.500	1.465	Pass
4	2461.650	31.267	1.210	Pass
5	2482.483	38.167	0.634	Pass
6	2476.350	29.333	0.764	Pass
7	2466.317	35.767	-0.547	Pass
8	2468.350	29.267	-0.444	Pass
9	2483.717	36.567	1.233	Pass
10	2471.783	27.900	0.217	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 11:08:14
Results file name:	0A1L0814.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3065.057 +-	3.186
Doubles:	43.437 +-	1.984
Triples:	0.975 +-	0.386
Quads:	0.275 +-	0.087
Quads/Triples:	-0.033 +-	0.253
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3073.050	36.400	-0.846	Pass
2	3069.117	45.933	0.866	Pass
3	3050.583	47.533	0.875	Pass
4	3062.850	34.167	2.651	Pass
5	3067.517	38.767	0.911	Pass
6	3058.650	50.333	-0.103	Pass
7	3081.817	50.867	2.889	Pass
8	3058.150	38.733	0.102	Pass
9	3053.417	41.467	0.319	Pass
10	3075.417	50.167	2.081	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.10.01 11:15:29
Results file name:	0A1L1529.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.817 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	4273.400 +-	4.360
Doubles:	94.663 +-	1.013
Triples:	-0.468 +-	1.299
Quads:	-0.292 +-	0.206
Quads/Triples:	0.221 +-	0.129
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	4270.450	90.233	-4.317	Pass
2	4252.450	94.200	-0.400	Pass
3	4278.417	98.967	-1.446	Pass
4	4264.050	97.133	6.178	Pass
5	4265.683	90.800	-1.869	Pass
6	4292.217	96.100	6.904	Pass
7	4299.717	97.400	0.991	Pass
8	4271.983	96.600	-1.900	Pass
9	4271.983	90.233	-4.835	Pass
10	4267.050	94.967	-3.999	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 14:44:09
Results file name:	09SO4409.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1264.270 +- 1.144
Doubles:	7.817 +- 0.775
Triples:	0.071 +- 0.145
Quads:	0.023 +- 0.028
Quads/Triples:	-0.048 +- 0.195
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1268.930	4.000	-0.294	Pass
2	1263.697	6.267	-0.443	Pass
3	1264.330	9.033	0.164	Pass
4	1268.230	5.333	-0.172	Pass
5	1266.930	8.333	-0.317	Pass
6	1258.963	6.500	-0.098	Pass
7	1265.597	12.033	0.682	Pass
8	1265.763	10.867	0.979	Pass
9	1261.930	8.333	0.250	Pass
10	1258.330	7.467	-0.040	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 16:18:50
Results file name:	09SQ1850.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1427.597 +- 2.656
Doubles:	8.420 +- 0.667
Triples:	-0.104 +- 0.119
Quads:	0.059 +- 0.022
Quads/Triples:	-0.538 +- 0.533
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1439.230	8.400	-0.483	Pass
2	1427.663	7.567	-0.334	Pass
3	1425.297	12.000	-0.434	Pass
4	1435.197	5.500	-0.308	Pass
5	1413.597	9.633	0.717	Pass
6	1428.863	8.733	-0.038	Pass
7	1427.330	7.133	0.073	Pass
8	1438.097	11.467	-0.395	Pass
9	1423.763	7.467	-0.086	Pass
10	1416.930	6.300	0.250	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 16:29:57
Results file name:	09SQ2957.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1660.220 +-	2.350
Doubles:	13.400 +-	0.606
Triples:	0.140 +-	0.184
Quads:	0.081 +-	0.037
Quads/Triples:	0.371 +-	0.329
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1663.197	14.200	0.608	Pass
2	1657.397	16.667	0.422	Pass
3	1654.963	14.300	0.078	Pass
4	1666.097	12.100	-0.041	Pass
5	1656.097	10.900	0.161	Pass
6	1672.197	10.133	-0.995	Pass
7	1647.330	13.067	0.409	Pass
8	1668.863	14.267	-0.434	Pass
9	1656.130	14.533	0.049	Pass
10	1659.930	13.833	1.147	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 16:37:19
Results file name:	09SQ3719.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1855.573 +-	1.602
Doubles:	18.627 +-	0.883
Triples:	0.206 +-	0.153
Quads:	0.135 +-	0.039
Quads/Triples:	5.812 +-	5.367
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1863.030	17.100	0.246	Pass
2	1857.430	14.900	0.373	Pass
3	1864.697	21.667	0.095	Pass
4	1851.397	20.300	-0.687	Pass
5	1853.297	17.533	0.001	Pass
6	1852.097	21.633	0.447	Pass
7	1857.897	21.500	0.988	Pass
8	1851.630	15.200	0.620	Pass
9	1854.263	20.600	-0.397	Pass
10	1849.997	15.833	0.369	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 15:55:45
Results file name:	09SP5545.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.770 +-	0.030
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2005.070 +-	3.281
Doubles:	21.600 +-	0.714
Triples:	0.368 +-	0.256
Quads:	0.119 +-	0.055
Quads/Triples:	-0.005 +-	0.109
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2012.330	17.900	0.382	Pass
2	1996.430	18.667	-0.310	Pass
3	1996.497	22.600	0.821	Pass
4	2017.863	24.467	-0.039	Pass
5	2009.930	20.033	-1.090	Pass
6	2013.930	21.533	1.316	Pass
7	1992.497	23.167	0.751	Pass
8	2004.963	22.267	1.455	Pass
9	1990.163	20.867	-0.386	Pass
10	2016.097	24.500	0.777	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 15:48:34
Results file name:	09SP4834.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.770 +-	0.030
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2063.403 +-	2.366
Doubles:	22.620 +-	0.807
Triples:	0.219 +-	0.308
Quads:	0.297 +-	0.159
Quads/Triples:	-0.271 +-	0.712
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2073.763	23.433	0.148	Pass
2	2058.397	21.667	0.187	Pass
3	2069.130	24.633	2.205	Pass
4	2054.297	19.200	-0.150	Pass
5	2064.930	24.000	-0.534	Pass
6	2057.530	22.600	0.065	Pass
7	2068.797	20.967	-0.356	Pass
8	2054.897	28.000	1.642	Pass
9	2058.997	20.000	-0.994	Pass
10	2073.297	21.700	-0.026	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 11:01:13
Results file name:	09SL0113.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2031.923 +- 1.745
Doubles:	23.173 +- 1.218
Triples:	0.990 +- 0.155
Quads:	0.114 +- 0.051
Quads/Triples:	0.232 +- 0.132
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2026.663	31.267	0.220	Pass
2	2025.163	18.833	0.442	Pass
3	2031.397	20.567	1.209	Pass
4	2040.663	19.933	0.742	Pass
5	2030.630	18.767	1.370	Pass
6	2035.030	25.433	0.804	Pass
7	2035.463	24.067	1.115	Pass
8	2023.530	24.567	1.931	Pass
9	2037.097	25.333	1.214	Pass
10	2033.597	22.967	0.857	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 11:09:41
Results file name:	09SL0941.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1903.803 +- 2.117
Doubles:	18.057 +- 0.823
Triples:	0.521 +- 0.166
Quads:	0.154 +- 0.059
Quads/Triples:	0.046 +- 0.168
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1899.130	19.433	0.615	Pass
2	1905.197	14.500	1.646	Pass
3	1909.963	16.900	0.522	Pass
4	1907.830	19.467	0.896	Pass
5	1889.997	19.133	0.304	Pass
6	1905.063	21.200	0.592	Pass
7	1901.997	21.000	0.295	Pass
8	1902.197	15.167	-0.358	Pass
9	1914.897	14.400	0.616	Pass
10	1901.763	19.367	0.090	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 11:18:08
Results file name:	09SL1808.RTS
Inspection number:	
Item id:	V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1694.930 +-	2.542
Doubles:	15.000 +-	0.953
Triples:	-0.205 +-	0.216
Quads:	0.135 +-	0.049
Quads/Triples:	0.220 +-	0.292
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1684.630	12.333	-1.037	Pass
2	1690.497	15.333	0.124	Pass
3	1682.363	17.500	-0.338	Pass
4	1704.397	19.333	0.181	Pass
5	1699.597	12.933	-0.088	Pass
6	1699.963	12.633	-0.659	Pass
7	1700.597	10.633	1.329	Pass
8	1694.997	19.433	-0.525	Pass
9	1688.197	14.300	-0.089	Pass
10	1704.063	15.567	-0.952	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 11:25:28
Results file name:	09SL2528.RTS
Inspection number:	
Item id:	V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.770 +- 0.030
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1477.753 +-	1.594
Doubles:	11.620 +-	0.912
Triples:	0.168 +-	0.155
Quads:	0.072 +-	0.051
Quads/Triples:	-0.069 +-	0.199
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1477.030	14.000	0.470	Pass
2	1482.430	9.400	0.769	Pass
3	1483.030	10.300	-0.720	Pass
4	1477.397	8.333	0.572	Pass
5	1483.263	14.233	0.340	Pass
6	1481.797	10.700	-0.191	Pass
7	1469.597	13.167	0.650	Pass
8	1478.563	15.033	0.032	Pass
9	1470.997	14.233	0.179	Pass
10	1473.430	6.800	-0.417	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	20.09.28 11:32:53
Results file name:	09SL3253.RTS
Inspection number:	
Item id:	V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Database
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0080
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +-	0.0000

Passive singles bkgrnd:	0.770 +-	0.030
Passive doubles bkgrnd:	0.000 +-	0.000
Passive triples bkgrnd:	0.000 +-	0.000
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1271.290 +-	2.403
Doubles:	7.990 +-	0.507
Triples:	-0.074 +-	0.170
Quads:	0.011 +-	0.018
Quads/Triples:	0.084 +-	0.157
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1271.197	9.400	0.958	Pass
2	1281.197	6.533	-0.710	Pass
3	1275.297	6.933	0.362	Pass
4	1264.297	7.900	-0.478	Pass
5	1265.130	7.833	-0.639	Pass
6	1277.063	6.833	0.034	Pass
7	1256.663	6.467	-0.623	Pass
8	1279.163	8.400	0.038	Pass
9	1269.297	7.867	0.084	Pass
10	1273.597	11.733	0.236	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:44:10
Results file name:	OAGL4410.RTS
Inspection number:	
Item id:	D0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+1cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1157.275 +-	2.339
Doubles:	7.133 +-	0.648
Triples:	0.197 +-	0.124
Quads:	0.041 +-	0.027
Quads/Triples:	0.919 +-	0.670
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1151.115	10.400	0.293	Pass
2	1158.182	6.067	0.007	Pass
3	1169.348	9.133	-0.224	Pass
4	1151.715	4.867	-0.337	Pass
5	1165.782	7.700	0.723	Pass
6	1167.148	8.567	0.284	Pass
7	1151.182	6.267	0.862	Pass
8	1151.015	3.800	-0.018	Pass
9	1152.182	6.133	0.405	Pass
10	1155.082	8.400	-0.028	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 12:00:48
Results file name:	OAGM0048.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+3cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1240.992 +-	2.043
Doubles:	7.233 +-	0.406
Triples:	0.082 +-	0.119
Quads:	-0.014 +-	0.016
Quads/Triples:	-0.000 +-	0.084
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1231.048	8.100	-0.308	Pass
2	1249.082	4.833	-0.161	Pass
3	1246.482	8.600	0.470	Pass
4	1245.315	7.433	0.833	Pass
5	1244.515	6.833	0.115	Pass
6	1240.248	6.433	-0.183	Pass
7	1247.582	8.033	0.084	Pass
8	1233.348	6.600	-0.395	Pass
9	1236.648	6.300	0.296	Pass
10	1235.648	9.167	0.072	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 13:45:04
Results file name:	OAGN4504.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1392.812 +-	2.599
Doubles:	10.523 +-	0.650
Triples:	0.093 +-	0.149
Quads:	0.020 +-	0.022
Quads/Triples:	-0.007 +-	0.088
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1388.382	8.467	0.106	Pass
2	1376.282	11.633	0.302	Pass
3	1384.548	14.000	0.556	Pass
4	1394.648	12.467	0.978	Pass
5	1396.648	10.000	-0.406	Pass
6	1401.615	7.100	0.221	Pass
7	1401.815	10.133	-0.687	Pass
8	1396.582	8.733	0.108	Pass
9	1388.615	11.233	-0.107	Pass
10	1398.982	11.467	-0.133	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 13:51:47
Results file name:	OAGN5147.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+9cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1548.462 +-	1.831
Doubles:	12.713 +-	0.693
Triples:	0.175 +-	0.196
Quads:	0.056 +-	0.042
Quads/Triples:	0.326 +-	0.138
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1554.748	13.167	0.240	Pass
2	1553.148	11.233	1.237	Pass
3	1549.915	13.033	0.600	Pass
4	1537.115	8.500	-0.476	Pass
5	1552.848	14.867	-0.721	Pass
6	1550.515	15.333	0.096	Pass
7	1548.382	13.967	-0.121	Pass
8	1546.115	10.067	-0.373	Pass
9	1540.115	12.567	0.879	Pass
10	1551.715	14.400	0.387	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 13:57:50
Results file name:	OAGN5750.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1688.635 +-	2.077
Doubles:	15.313 +-	0.565
Triples:	-0.107 +-	0.209
Quads:	0.129 +-	0.045
Quads/Triples:	-0.934 +-	1.209
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1692.815	16.667	0.373	Pass
2	1685.615	17.100	-0.319	Pass
3	1682.215	16.800	0.404	Pass
4	1689.882	13.267	-0.016	Pass
5	1692.248	13.533	-1.003	Pass
6	1685.715	14.633	-0.926	Pass
7	1694.948	18.100	1.119	Pass
8	1695.482	13.000	0.138	Pass
9	1692.715	14.600	-0.696	Pass
10	1674.715	15.433	-0.138	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:04:03
Results file name:	OAG00403.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+15cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1784.645 +-	1.948
Doubles:	16.747 +-	0.823
Triples:	0.091 +-	0.181
Quads:	0.040 +-	0.025
Quads/Triples:	-0.170 +-	0.231
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1779.715	15.600	0.601	Pass
2	1784.582	17.700	0.233	Pass
3	1786.348	17.933	-0.802	Pass
4	1780.015	16.433	-0.054	Pass
5	1793.615	19.000	-0.096	Pass
6	1774.682	16.600	0.729	Pass
7	1786.782	10.533	-0.253	Pass
8	1788.982	18.600	1.088	Pass
9	1792.448	15.433	-0.149	Pass
10	1779.282	19.633	-0.388	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:50:34
Results file name:	OAGL5034.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+18cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1837.482 +-	2.015
Doubles:	16.007 +-	1.277
Triples:	0.440 +-	0.243
Quads:	0.147 +-	0.055
Quads/Triples:	0.417 +-	0.479
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1826.248	16.333	1.635	Pass
2	1828.515	13.300	0.095	Pass
3	1838.815	23.433	-0.077	Pass
4	1834.148	16.733	-0.517	Pass
5	1842.048	8.967	-0.743	Pass
6	1844.648	15.033	1.432	Pass
7	1840.182	17.133	0.733	Pass
8	1843.282	19.167	0.720	Pass
9	1842.382	11.833	0.581	Pass
10	1834.548	18.133	0.548	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:10:53
Results file name:	OAG01053.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+21cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1828.452 +-	3.817
Doubles:	16.750 +-	0.673
Triples:	0.233 +-	0.224
Quads:	0.070 +-	0.050
Quads/Triples:	0.297 +-	0.122
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1829.648	19.900	-0.186	Pass
2	1836.882	14.433	0.117	Pass
3	1810.448	13.867	-0.652	Pass
4	1834.048	14.633	0.793	Pass
5	1819.082	16.433	0.901	Pass
6	1820.315	17.233	1.306	Pass
7	1835.982	15.967	0.601	Pass
8	1829.915	18.367	0.630	Pass
9	1816.682	16.900	-0.614	Pass
10	1851.515	19.767	-0.566	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:17:05
Results file name:	OAG01705.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+24cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1765.668 +- 2.825
Doubles:	16.837 +- 0.781
Triples:	0.299 +- 0.114
Quads:	-0.002 +- 0.049
Quads/Triples:	0.033 +- 0.187
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1766.115	19.533	0.440	Pass
2	1765.148	13.500	0.197	Pass
3	1766.682	17.100	0.711	Pass
4	1752.148	17.300	0.805	Pass
5	1761.915	15.367	0.449	Pass
6	1749.782	18.033	0.325	Pass
7	1773.182	17.300	0.322	Pass
8	1773.582	13.567	-0.485	Pass
9	1772.182	15.400	0.168	Pass
10	1775.948	21.267	0.064	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:23:07
Results file name:	OAG02307.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+27cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1651.082 +- 1.488
Doubles:	12.637 +- 0.516
Triples:	0.107 +- 0.165
Quads:	0.027 +- 0.039
Quads/Triples:	0.022 +- 0.067
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1652.382	11.533	0.133	Pass
2	1650.948	12.900	-0.374	Pass
3	1656.015	15.400	0.257	Pass
4	1646.648	13.967	0.181	Pass
5	1649.382	11.767	-0.820	Pass
6	1645.682	13.567	-0.470	Pass
7	1644.615	9.633	0.412	Pass
8	1653.248	13.800	0.893	Pass
9	1652.248	11.567	0.630	Pass
10	1659.648	12.233	0.223	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:29:13
Results file name:	OAG02913.RTS
Inspection number:	
Item id:	D10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Comment:	+30cm
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number of cycles:	10
Count time (sec):	30
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Results

Singles:	1490.248 +- 2.150
Doubles:	10.857 +- 0.816
Triples:	0.090 +- 0.171
Quads:	0.069 +- 0.044
Quads/Triples:	0.459 +- 0.267
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1495.315	12.667	0.709	Pass
2	1489.682	10.933	0.175	Pass
3	1487.715	15.067	0.489	Pass
4	1496.115	9.833	-0.021	Pass
5	1494.482	6.100	-0.093	Pass
6	1482.248	10.300	-0.120	Pass
7	1501.748	13.967	1.009	Pass
8	1480.315	10.200	-0.606	Pass
9	1490.615	10.833	0.090	Pass
10	1484.248	8.667	-0.733	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:35:14
Results file name:	OAG03514.RTS
Inspection number:	
Item id:	D11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+33cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1296.518 +- 1.855
Doubles:	8.897 +- 0.887
Triples:	-0.220 +- 0.079
Quads:	-0.008 +- 0.019
Quads/Triples:	0.019 +- 0.166
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1290.115	8.267	-0.055	Pass
2	1298.815	11.300	0.152	Pass
3	1285.882	3.467	-0.196	Pass
4	1303.648	12.000	-0.210	Pass
5	1300.315	7.267	-0.546	Pass
6	1295.315	11.367	-0.279	Pass
7	1299.615	5.600	-0.574	Pass
8	1298.815	11.267	0.086	Pass
9	1290.482	8.967	-0.451	Pass
10	1302.182	9.467	-0.128	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 14:49:11
Results file name:	OAG04911.RTS
Inspection number:	
Item id:	D12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+36cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1092.598 +-	2.213
Doubles:	5.820 +-	0.646
Triples:	0.165 +-	0.126
Quads:	0.007 +-	0.025
Quads/Triples:	-0.093 +-	0.135
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1083.315	3.567	-0.187	Pass
2	1104.448	8.767	1.005	Pass
3	1092.515	4.333	-0.079	Pass
4	1084.982	2.700	-0.161	Pass
5	1092.448	6.333	0.350	Pass
6	1091.682	8.033	0.430	Pass
7	1098.882	7.100	0.498	Pass
8	1097.982	7.467	-0.234	Pass
9	1083.882	5.600	-0.033	Pass
10	1095.848	4.300	0.060	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:51:49
Results file name:	OAGK5149.RTS
Inspection number:	
Item id:	H0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3556.488 +-	3.257
Doubles:	64.300 +-	2.420
Triples:	1.206 +-	0.875
Quads:	0.157 +-	0.159
Quads/Triples:	-0.017 +-	0.342
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3550.415	76.500	0.108	Pass
2	3569.048	60.233	-1.379	Pass
3	3565.182	65.800	-1.961	Pass
4	3563.115	53.567	7.423	Pass
5	3552.448	56.833	0.251	Pass
6	3553.715	59.967	1.307	Pass
7	3547.948	76.867	3.518	Pass
8	3572.982	64.633	2.699	Pass
9	3543.015	61.867	-0.704	Pass
10	3547.015	66.733	0.811	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:34:08
Results file name:	OAGK3408.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2806.098 +- 2.437
Doubles:	41.093 +- 1.603
Triples:	-0.419 +- 0.480
Quads:	0.452 +- 0.092
Quads/Triples:	1.000 +- 1.041
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2803.715	32.667	-2.370	Pass
2	2793.915	39.867	-1.026	Pass
3	2804.415	36.067	-1.288	Pass
4	2812.715	46.467	0.104	Pass
5	2808.948	40.633	2.453	Pass
6	2808.048	49.900	-0.699	Pass
7	2812.348	40.700	0.682	Pass
8	2819.048	41.467	-1.224	Pass
9	2796.482	45.200	1.224	Pass
10	2801.348	37.967	-2.049	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:26:37
Results file name:	OAGK2637.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2339.042 +- 2.561
Doubles:	29.137 +- 1.313
Triples:	1.013 +- 0.407
Quads:	0.062 +- 0.043
Quads/Triples:	0.088 +- 0.067
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2336.615	29.200	1.779	Pass
2	2325.282	31.233	1.069	Pass
3	2334.315	23.700	1.039	Pass
4	2329.015	29.667	0.968	Pass
5	2345.815	29.000	1.025	Pass
6	2343.115	28.767	0.256	Pass
7	2344.148	35.700	2.447	Pass
8	2349.415	25.067	3.201	Pass
9	2335.648	24.000	-0.617	Pass
10	2347.048	35.033	-1.046	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:19:15
Results file name:	OAGK1915.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2038.575 +-	1.832
Doubles:	22.553 +-	1.032
Triples:	0.187 +-	0.324
Quads:	0.090 +-	0.042
Quads/Triples:	0.126 +-	0.189
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2044.082	23.967	1.994	Pass
2	2035.182	26.033	-0.450	Pass
3	2041.848	26.467	-0.743	Pass
4	2037.082	22.267	-0.829	Pass
5	2031.282	16.933	1.673	Pass
6	2028.815	20.567	0.445	Pass
7	2046.048	25.833	0.529	Pass
8	2036.348	24.067	-1.029	Pass
9	2040.715	18.833	0.177	Pass
10	2044.348	20.567	0.095	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:12:02
Results file name:	OAGK1202.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1893.052 +-	2.871
Doubles:	20.793 +-	1.090
Triples:	-0.044 +-	0.189
Quads:	0.028 +-	0.043
Quads/Triples:	0.024 +-	0.125
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1883.115	18.800	0.748	Pass
2	1882.448	26.400	0.903	Pass
3	1892.282	15.767	-0.659	Pass
4	1880.848	20.167	-0.173	Pass
5	1898.548	18.267	-0.543	Pass
6	1893.648	24.567	0.236	Pass
7	1893.915	23.633	-0.585	Pass
8	1906.782	19.400	-0.780	Pass
9	1893.182	23.200	0.169	Pass
10	1905.748	17.733	0.250	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 10:04:11
Results file name:	OAGK0411.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1833.648 +- 2.684
Doubles:	18.827 +- 0.806
Triples:	-0.110 +- 0.230
Quads:	0.090 +- 0.028
Quads/Triples:	-0.133 +- 0.113
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1813.048	19.067	-0.228	Pass
2	1839.448	17.567	0.813	Pass
3	1829.182	15.300	-1.003	Pass
4	1829.815	18.600	0.699	Pass
5	1840.615	23.300	-1.294	Pass
6	1838.615	16.167	-0.622	Pass
7	1836.248	19.067	0.744	Pass
8	1839.815	16.967	-0.214	Pass
9	1839.015	22.400	-0.093	Pass
10	1830.682	19.833	0.097	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:00:23
Results file name:	OAGL0023.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1869.212 +- 2.827
Doubles:	18.373 +- 0.787
Triples:	0.223 +- 0.213
Quads:	0.026 +- 0.045
Quads/Triples:	-0.203 +- 0.317
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1863.782	16.967	0.123	Pass
2	1875.815	15.900	0.071	Pass
3	1869.548	20.533	1.390	Pass
4	1853.415	20.433	0.723	Pass
5	1873.915	16.433	0.276	Pass
6	1861.882	18.367	0.725	Pass
7	1863.182	21.733	0.122	Pass
8	1881.182	16.100	-1.084	Pass
9	1881.048	15.600	-0.457	Pass
10	1868.348	21.667	0.353	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:08:59
Results file name:	OAGL0859.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2010.972 +-	3.664
Doubles:	20.800 +-	0.740
Triples:	0.028 +-	0.181
Quads:	0.139 +-	0.060
Quads/Triples:	-0.270 +-	0.316
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2012.215	19.400	-0.224	Pass
2	2022.182	21.600	-0.476	Pass
3	2008.515	16.967	0.235	Pass
4	2026.048	22.333	0.312	Pass
5	2009.648	19.833	-0.402	Pass
6	1992.815	22.933	-0.975	Pass
7	2005.282	22.733	0.902	Pass
8	2002.482	21.367	0.182	Pass
9	2028.948	23.567	0.752	Pass
10	2001.582	17.267	-0.033	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:16:19
Results file name:	OAGL1619.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2266.255 +-	3.165
Doubles:	27.557 +-	1.468
Triples:	0.494 +-	0.368
Quads:	0.061 +-	0.087
Quads/Triples:	-0.183 +-	0.564
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2246.815	21.667	-1.106	Pass
2	2281.048	29.967	0.305	Pass
3	2266.315	21.900	0.208	Pass
4	2276.582	28.633	0.466	Pass
5	2276.115	29.267	1.403	Pass
6	2266.915	29.100	-0.095	Pass
7	2257.182	29.033	1.828	Pass
8	2263.848	34.267	2.160	Pass
9	2263.215	20.300	-1.356	Pass
10	2264.515	31.433	1.116	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:25:20
Results file name:	OAGL2520.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2719.232 +-	3.852
Doubles:	37.167 +-	0.787
Triples:	-0.164 +-	0.498
Quads:	0.138 +-	0.078
Quads/Triples:	0.156 +-	0.095
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2718.382	41.500	1.873	Pass
2	2724.482	33.533	-1.644	Pass
3	2725.382	35.667	-2.156	Pass
4	2741.448	34.300	2.685	Pass
5	2705.348	38.533	-1.701	Pass
6	2732.215	37.933	-0.424	Pass
7	2706.015	37.633	0.386	Pass
8	2713.648	40.033	0.651	Pass
9	2704.848	36.867	-0.768	Pass
10	2720.548	35.667	-0.529	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.16 11:32:20
Results file name:	OAGL3220.RTS
Inspection number:	
Item id:	H10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.285 +- 0.048
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3432.175 +-	4.339
Doubles:	60.523 +-	1.339
Triples:	1.112 +-	0.920
Quads:	-0.015 +-	0.244
Quads/Triples:	0.122 +-	0.119
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3419.848	60.233	-3.762	Pass
2	3436.948	68.967	2.524	Pass
3	3451.482	57.233	-1.775	Pass
4	3421.482	60.433	6.668	Pass
5	3453.648	61.467	2.228	Pass
6	3440.782	61.467	1.299	Pass
7	3414.815	60.833	-1.113	Pass
8	3431.848	64.200	1.393	Pass
9	3418.182	57.067	0.443	Pass
10	3432.715	53.333	3.217	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 14:53:26
Results file name:	0A905326.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1340.647 +- 1.995
Doubles:	7.867 +- 0.665
Triples:	-0.035 +- 0.151
Quads:	0.002 +- 0.015
Quads/Triples:	-0.388 +- 0.242
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1347.340	8.700	-0.662	Pass
2	1341.040	9.933	0.136	Pass
3	1335.107	9.200	-0.028	Pass
4	1337.840	7.467	-0.417	Pass
5	1342.207	10.333	0.640	Pass
6	1330.840	7.333	0.236	Pass
7	1351.473	5.767	-0.074	Pass
8	1335.040	10.033	0.629	Pass
9	1345.807	5.433	-0.746	Pass
10	1339.773	4.467	-0.058	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 14:46:49
Results file name:	0A904649.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1473.453 +- 1.930
Doubles:	10.007 +- 0.639
Triples:	-0.071 +- 0.182
Quads:	0.026 +- 0.028
Quads/Triples:	0.037 +- 0.143
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1461.607	11.467	-0.688	Pass
2	1467.207	11.067	0.018	Pass
3	1471.573	10.700	0.119	Pass
4	1478.607	9.867	-0.910	Pass
5	1477.540	13.600	-0.196	Pass
6	1483.073	9.033	0.397	Pass
7	1474.007	6.200	0.542	Pass
8	1474.273	10.900	-0.438	Pass
9	1470.540	8.633	0.905	Pass
10	1476.107	8.600	-0.455	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 14:40:24
Results file name:	0A904024.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1593.160 +-	1.836
Doubles:	11.520 +-	0.626
Triples:	0.185 +-	0.169
Quads:	0.038 +-	0.051
Quads/Triples:	0.701 +-	0.588
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1591.873	9.967	-0.256	Pass
2	1581.273	8.633	0.043	Pass
3	1594.307	14.100	-0.376	Pass
4	1596.973	12.300	-0.501	Pass
5	1597.240	12.333	0.395	Pass
6	1591.973	12.867	0.906	Pass
7	1597.073	7.967	-0.125	Pass
8	1602.207	12.167	0.112	Pass
9	1589.407	12.633	0.605	Pass
10	1589.273	12.233	1.042	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 14:33:38
Results file name:	0A903338.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1715.177 +-	1.546
Doubles:	16.217 +-	0.594
Triples:	0.334 +-	0.177
Quads:	0.015 +-	0.034
Quads/Triples:	0.133 +-	0.170
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1718.073	17.267	1.157	Pass
2	1714.673	18.100	0.529	Pass
3	1720.440	13.433	0.099	Pass
4	1716.907	16.933	-0.609	Pass
5	1718.307	16.800	0.468	Pass
6	1716.940	13.900	1.018	Pass
7	1710.207	19.100	0.765	Pass
8	1720.340	14.667	0.130	Pass
9	1709.773	14.900	0.058	Pass
10	1706.107	17.067	-0.278	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 14:26:46
Results file name:	0A902646.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1802.557 +-	2.193
Doubles:	17.437 +-	0.887
Triples:	0.740 +-	0.314
Quads:	0.184 +-	0.062
Quads/Triples:	1.087 +-	0.613
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1801.373	15.700	2.145	Pass
2	1807.740	14.033	0.231	Pass
3	1790.573	15.733	0.204	Pass
4	1808.207	21.467	1.426	Pass
5	1799.907	18.767	-0.011	Pass
6	1795.607	17.567	0.299	Pass
7	1800.273	21.733	2.140	Pass
8	1815.507	18.467	0.995	Pass
9	1803.307	13.467	0.967	Pass
10	1803.073	17.433	-1.001	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:08:15
Results file name:	0A9P0815.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1850.720 +-	2.193
Doubles:	17.840 +-	1.046
Triples:	0.014 +-	0.217
Quads:	0.041 +-	0.038
Quads/Triples:	0.124 +-	0.150
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1845.240	16.133	0.201	Pass
2	1849.573	15.600	-0.596	Pass
3	1853.640	17.167	0.455	Pass
4	1849.573	24.733	-0.744	Pass
5	1860.707	19.767	-1.177	Pass
6	1849.240	20.467	0.262	Pass
7	1842.507	15.000	-0.211	Pass
8	1845.340	17.800	0.315	Pass
9	1864.173	18.700	0.549	Pass
10	1847.207	13.033	1.080	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:14:38
Results file name:	0A9P1438.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1818.157 +-	2.580
Doubles:	14.577 +-	0.680
Triples:	0.154 +-	0.248
Quads:	0.135 +-	0.059
Quads/Triples:	0.162 +-	0.230
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1830.173	15.167	0.301	Pass
2	1811.840	14.100	0.312	Pass
3	1803.073	14.600	-0.537	Pass
4	1819.973	15.333	-0.146	Pass
5	1819.407	11.767	-0.516	Pass
6	1822.640	16.867	0.076	Pass
7	1820.140	15.400	1.687	Pass
8	1824.607	18.033	1.301	Pass
9	1821.740	13.633	-0.468	Pass
10	1807.973	10.867	-0.473	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:20:54
Results file name:	0A9P2054.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1733.187 +-	3.228
Doubles:	14.803 +-	0.639
Triples:	-0.045 +-	0.230
Quads:	0.022 +-	0.057
Quads/Triples:	-0.913 +-	0.865
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1745.940	17.400	-1.059	Pass
2	1744.507	11.800	0.731	Pass
3	1733.007	12.800	0.265	Pass
4	1734.807	13.767	-0.977	Pass
5	1723.107	15.733	0.820	Pass
6	1731.707	14.267	-0.389	Pass
7	1737.473	12.700	-0.857	Pass
8	1743.507	15.867	0.348	Pass
9	1716.973	16.200	0.008	Pass
10	1720.840	17.500	0.661	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:27:19
Results file name:	0A9P2719.RTS
Inspection number:	
Item id:	V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1606.783 +-	2.061
Doubles:	12.680 +-	0.859
Triples:	0.288 +-	0.252
Quads:	0.052 +-	0.026
Quads/Triples:	-0.004 +-	0.060
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1599.340	11.400	0.786	Pass
2	1610.607	15.833	1.194	Pass
3	1607.440	16.633	0.608	Pass
4	1614.673	14.067	1.739	Pass
5	1598.073	12.867	-0.293	Pass
6	1612.207	10.133	-0.426	Pass
7	1610.273	15.300	-0.321	Pass
8	1597.673	9.733	-0.306	Pass
9	1613.307	12.000	0.514	Pass
10	1604.240	8.833	-0.617	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:34:06
Results file name:	0A9P3406.RTS
Inspection number:	
Item id:	V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1473.633 +-	2.643
Doubles:	10.693 +-	0.431
Triples:	0.036 +-	0.152
Quads:	0.059 +-	0.037
Quads/Triples:	3.883 +-	4.161
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1468.340	10.067	-0.086	Pass
2	1468.807	11.500	-0.724	Pass
3	1474.807	11.400	0.714	Pass
4	1464.373	9.433	0.179	Pass
5	1461.907	13.433	-0.208	Pass
6	1475.207	10.067	0.004	Pass
7	1489.173	11.500	-0.266	Pass
8	1472.273	10.400	0.083	Pass
9	1478.940	10.667	0.914	Pass
10	1482.507	8.467	-0.243	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	20.10.09 15:40:29
Results file name:	0A9P4029.RTS
Inspection number:	
Item id:	V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm reverse
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0127
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.360 +- 0.041
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1343.423 +-	2.159
Doubles:	8.457 +-	0.598
Triples:	0.228 +-	0.179
Quads:	0.014 +-	0.027
Quads/Triples:	-0.358 +-	0.363
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1346.840	9.267	-0.707	Pass
2	1339.007	6.600	-0.369	Pass
3	1336.040	8.000	0.705	Pass
4	1346.707	8.567	0.020	Pass
5	1343.340	9.467	0.314	Pass
6	1342.107	11.067	1.302	Pass
7	1347.407	11.300	0.420	Pass
8	1330.973	7.433	0.461	Pass
9	1346.540	7.600	-0.130	Pass
10	1355.273	5.267	0.265	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:22:55
Results file name:	0C7Q2255.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	36377.386 +- 12.824
Doubles:	7361.949 +- 15.515
Triples:	840.367 +- 31.844
Quads:	55.937 +- 32.819
Quads/Triples:	0.062 +- 0.036
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36405.969	7374.272	1018.853	Pass
2	36433.777	7347.169	809.680	Pass
3	36346.328	7437.647	850.752	Pass
4	36403.285	7326.568	830.195	Pass
5	36396.710	7283.479	710.527	Pass
6	36304.901	7328.311	823.323	Pass
7	36327.241	7319.456	867.720	Pass
8	36364.240	7392.933	740.936	Pass
9	36405.164	7421.865	994.113	Pass
10	36386.245	7387.791	757.708	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:16:59
Results file name:	0C7Q1659.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	34025.058 +- 19.129
Doubles:	6450.744 +- 25.806
Triples:	668.313 +- 25.518
Quads:	-12.050 +- 29.106
Quads/Triples:	-0.030 +- 0.043
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	34011.220	6454.617	588.015	Pass
2	34024.163	6501.528	662.144	Pass
3	34013.198	6460.693	674.003	Pass
4	34021.413	6489.042	550.095	Pass
5	33954.789	6306.631	740.877	Pass
6	33935.375	6351.581	682.776	Pass
7	34007.364	6371.234	580.655	Pass
8	34047.265	6508.393	693.708	Pass
9	34089.983	6566.266	823.243	Pass
10	34145.812	6497.450	685.801	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:11:02
Results file name:	0C7Q1102.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	32387.823 +- 13.333
Doubles:	5835.657 +- 15.582
Triples:	642.833 +- 26.056
Quads:	38.848 +- 24.812
Quads/Triples:	0.051 +- 0.036
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	32345.449	5824.666	769.745	Pass
2	32387.182	5779.007	666.151	Pass
3	32396.669	5791.836	648.760	Pass
4	32394.490	5883.553	706.544	Pass
5	32411.988	5944.737	591.866	Pass
6	32403.272	5838.469	582.890	Pass
7	32333.013	5815.506	528.296	Pass
8	32330.868	5801.749	563.130	Pass
9	32405.686	5858.867	759.811	Pass
10	32469.610	5818.174	610.992	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:04:57
Results file name:	0C7Q0457.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31500.437 +- 13.206
Doubles:	5522.940 +- 24.196
Triples:	564.777 +- 20.812
Quads:	28.606 +- 29.642
Quads/Triples:	0.036 +- 0.053
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31539.271	5459.566	491.377	Pass
2	31413.086	5433.818	597.007	Pass
3	31496.606	5630.100	543.433	Pass
4	31496.941	5440.648	683.246	Pass
5	31456.052	5567.310	607.848	Pass
6	31510.682	5436.630	613.721	Pass
7	31504.080	5608.986	531.918	Pass
8	31519.262	5506.335	585.741	Pass
9	31564.241	5559.464	535.527	Pass
10	31504.147	5586.543	457.818	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:58:28
Results file name:	0C7P5828.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31195.785 +- 8.209
Doubles:	5401.508 +- 15.828
Triples:	563.225 +- 20.009
Quads:	33.376 +- 19.997
Quads/Triples:	0.058 +- 0.036
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31202.179	5463.175	686.188	Pass
2	31198.795	5369.193	524.682	Pass
3	31186.629	5350.942	585.688	Pass
4	31168.197	5401.247	575.333	Pass
5	31211.161	5377.471	503.523	Pass
6	31234.822	5378.358	555.964	Pass
7	31196.717	5349.747	586.960	Pass
8	31190.885	5504.463	629.511	Pass
9	31223.695	5392.961	500.912	Pass
10	31144.771	5427.519	483.726	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:28:53
Results file name:	0C7Q2853.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31512.043 +- 11.979
Doubles:	5523.313 +- 17.656
Triples:	586.949 +- 29.183
Quads:	42.986 +- 35.883
Quads/Triples:	0.057 +- 0.060
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31573.256	5535.083	615.007	Pass
2	31520.737	5590.417	705.772	Pass
3	31535.316	5618.381	534.170	Pass
4	31464.029	5491.706	581.257	Pass
5	31527.005	5461.834	425.159	Pass
6	31466.241	5531.238	522.979	Pass
7	31562.263	5572.535	579.782	Pass
8	31492.919	5497.456	553.871	Pass
9	31488.495	5476.049	598.641	Pass
10	31490.171	5458.428	752.399	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:34:50
Results file name:	0C7Q3450.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	32439.522 +- 11.174
Doubles:	5871.732 +- 21.551
Triples:	603.923 +- 28.773
Quads:	28.277 +- 25.500
Quads/Triples:	0.042 +- 0.045
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	32479.164	5850.319	694.500	Pass
2	32467.163	6016.181	785.968	Pass
3	32375.584	5822.974	468.783	Pass
4	32410.043	5910.350	546.814	Pass
5	32441.620	5901.482	595.775	Pass
6	32403.138	5781.365	618.004	Pass
7	32429.854	5815.735	615.038	Pass
8	32486.874	5913.743	559.491	Pass
9	32447.687	5883.594	639.785	Pass
10	32454.090	5821.582	514.532	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:40:47
Results file name:	0C7Q4047.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	34043.889 +- 10.015
Doubles:	6473.231 +- 27.314
Triples:	705.181 +- 30.622
Quads:	75.591 +- 30.483
Quads/Triples:	0.103 +- 0.039
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	34040.090	6448.914	671.059	Pass
2	34021.380	6557.071	837.207	Pass
3	34006.895	6410.829	690.363	Pass
4	34052.529	6465.604	666.659	Pass
5	34075.464	6390.170	633.841	Pass
6	34096.756	6632.087	856.194	Pass
7	34065.740	6487.455	768.474	Pass
8	34033.685	6343.095	708.503	Pass
9	34053.401	6548.645	692.759	Pass
10	33992.946	6448.438	526.221	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 16:47:54
Results file name:	0C7Q4754.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	36207.241 +- 16.219
Doubles:	7260.877 +- 27.755
Triples:	770.419 +- 22.095
Quads:	43.976 +- 27.163
Quads/Triples:	0.059 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36189.178	7225.711	747.159	Pass
2	36227.148	7256.792	741.153	Pass
3	36236.272	7438.309	951.861	Pass
4	36315.803	7328.912	776.309	Pass
5	36137.019	7313.540	759.377	Pass
6	36175.995	7237.087	707.036	Pass
7	36154.562	7154.508	716.949	Pass
8	36232.280	7134.380	793.447	Pass
9	36180.188	7285.364	727.013	Pass
10	36223.962	7234.169	783.448	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:20:11
Results file name:	0C8K2011.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	36373.332 +- 16.832
Doubles:	7320.391 +- 21.600
Triples:	799.143 +- 18.332
Quads:	17.618 +- 27.357
Quads/Triples:	0.021 +- 0.036
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36420.934	7308.721	768.165	Pass
2	36400.003	7217.426	750.426	Pass
3	36328.755	7455.929	849.148	Pass
4	36352.236	7312.530	870.003	Pass
5	36455.518	7308.808	719.806	Pass
6	36352.404	7351.181	824.397	Pass
7	36435.123	7396.151	863.293	Pass
8	36321.913	7311.171	829.541	Pass
9	36373.302	7293.748	713.135	Pass
10	36293.132	7248.248	803.830	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:13:19
Results file name:	OC8K1319.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	34103.812 +- 19.087
Doubles:	6472.391 +- 23.990
Triples:	681.827 +- 24.605
Quads:	45.883 +- 41.080
Quads/Triples:	0.062 +- 0.062
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	34180.621	6407.906	606.824	Pass
2	34064.437	6382.656	672.551	Pass
3	34019.707	6428.124	645.362	Pass
4	34079.726	6430.989	565.580	Pass
5	34047.437	6528.763	658.019	Pass
6	34132.370	6596.515	840.099	Pass
7	34196.112	6433.879	765.503	Pass
8	34056.959	6596.174	662.722	Pass
9	34158.323	6469.110	711.145	Pass
10	34102.427	6449.793	691.236	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:06:20
Results file name:	OC8K0620.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	32484.634 +- 11.135
Doubles:	5863.151 +- 18.383
Triples:	604.553 +- 18.089
Quads:	65.222 +- 18.013
Quads/Triples:	0.108 +- 0.029
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	32508.230	5881.119	627.541	Pass
2	32554.155	5897.192	601.451	Pass
3	32482.050	5883.931	720.406	Pass
4	32456.942	5918.163	614.739	Pass
5	32437.132	5826.905	551.932	Pass
6	32489.559	5854.147	652.085	Pass
7	32485.335	5812.810	614.153	Pass
8	32453.155	5917.178	525.759	Pass
9	32518.756	5733.691	541.386	Pass
10	32461.032	5906.373	596.481	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 09:59:21
Results file name:	0C8J5921.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31526.920 +- 9.893
Doubles:	5527.513 +- 16.192
Triples:	535.033 +- 18.060
Quads:	31.364 +- 23.919
Quads/Triples:	0.048 +- 0.042
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31501.234	5541.682	510.447	Pass
2	31543.933	5468.940	624.385	Pass
3	31509.713	5564.546	494.629	Pass
4	31522.282	5586.306	520.357	Pass
5	31524.393	5523.226	494.278	Pass
6	31562.400	5511.369	502.691	Pass
7	31492.621	5572.601	520.578	Pass
8	31482.063	5582.622	486.185	Pass
9	31556.837	5437.590	546.449	Pass
10	31573.729	5486.250	651.158	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 09:51:49
Results file name:	0C8J5149.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31176.548 +- 10.355
Doubles:	5415.254 +- 23.102
Triples:	547.354 +- 19.386
Quads:	10.766 +- 25.026
Quads/Triples:	0.014 +- 0.050
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31200.875	5339.104	473.589	Pass
2	31192.497	5489.099	549.332	Pass
3	31187.671	5386.556	560.095	Pass
4	31212.739	5471.077	483.573	Pass
5	31106.970	5266.860	508.938	Pass
6	31207.142	5488.251	687.912	Pass
7	31167.898	5425.302	567.322	Pass
8	31140.584	5398.295	525.682	Pass
9	31164.178	5402.450	588.243	Pass
10	31184.923	5485.547	528.006	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:27:36
Results file name:	OC8K2736.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31411.296 +- 10.482
Doubles:	5461.838 +- 29.180
Triples:	514.018 +- 23.430
Quads:	28.165 +- 31.825
Quads/Triples:	0.040 +- 0.069
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31381.685	5539.431	536.472	Pass
2	31449.386	5456.765	519.577	Pass
3	31363.051	5533.195	349.376	Pass
4	31435.443	5581.050	538.086	Pass
5	31385.104	5399.527	497.400	Pass
6	31457.295	5317.270	493.894	Pass
7	31390.399	5334.198	553.580	Pass
8	31397.504	5440.661	615.033	Pass
9	31407.123	5455.843	452.549	Pass
10	31445.967	5560.447	584.417	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:33:59
Results file name:	OC8K3359.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	32284.010 +- 18.336
Doubles:	5788.018 +- 14.154
Triples:	601.121 +- 18.459
Quads:	70.617 +- 21.993
Quads/Triples:	0.118 +- 0.037
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	32275.328	5833.152	596.875	Pass
2	32261.451	5851.562	701.187	Pass
3	32317.161	5768.854	625.212	Pass
4	32178.757	5735.377	658.358	Pass
5	32304.423	5850.570	575.376	Pass
6	32337.843	5744.726	531.506	Pass
7	32392.415	5785.016	513.081	Pass
8	32262.724	5802.857	584.557	Pass
9	32267.082	5769.698	573.979	Pass
10	32242.914	5738.369	651.192	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:40:32
Results file name:	OC8K4032.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	33823.049 +- 15.443
Doubles:	6326.129 +- 15.365
Triples:	637.573 +- 33.166
Quads:	15.568 +- 21.736
Quads/Triples:	0.012 +- 0.034
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	33798.546	6296.441	615.526	Pass
2	33847.163	6299.413	612.825	Pass
3	33851.690	6399.522	713.736	Pass
4	33829.695	6333.978	740.903	Pass
5	33782.922	6336.202	714.975	Pass
6	33873.350	6343.045	474.402	Pass
7	33896.317	6306.603	603.706	Pass
8	33806.727	6313.186	693.237	Pass
9	33819.133	6397.325	748.227	Pass
10	33724.951	6235.577	457.800	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.08 10:46:58
Results file name:	OC8K4658.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.632 +- 0.170
Passive doubles bkgrnd:	0.012 +- 0.004
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	36238.226 +- 12.115
Doubles:	7290.481 +- 18.756
Triples:	817.687 +- 24.750
Quads:	80.205 +- 22.912
Quads/Triples:	0.094 +- 0.027
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	36276.763	7308.053	863.798	Pass
2	36231.513	7273.307	788.216	Pass
3	36195.522	7274.904	916.212	Pass
4	36299.875	7183.557	718.865	Pass
5	36251.069	7299.077	864.764	Pass
6	36267.606	7423.671	943.279	Pass
7	36197.266	7262.724	741.024	Pass
8	36237.417	7276.022	764.182	Pass
9	36180.730	7314.696	742.472	Pass
10	36244.495	7288.799	834.311	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:46:09
Results file name:	0C704609.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	15129.337 +- 12.478
Doubles:	1226.043 +- 7.229
Triples:	53.207 +- 6.939
Quads:	6.345 +- 6.152
Quads/Triples:	0.063 +- 0.091
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	15080.850	1220.682	37.200	Pass
2	15115.975	1193.521	46.670	Pass
3	15118.047	1241.874	35.478	Pass
4	15114.739	1223.611	57.502	Pass
5	15125.935	1195.737	38.527	Pass
6	15133.722	1218.760	37.925	Pass
7	15088.470	1256.471	82.178	Pass
8	15150.365	1245.072	58.347	Pass
9	15141.910	1209.750	99.768	Pass
10	15223.357	1254.955	38.400	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:39:59
Results file name:	0C703959.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	17135.400 +- 7.386
Doubles:	1583.093 +- 10.999
Triples:	79.669 +- 3.637
Quads:	1.396 +- 3.935
Quads/Triples:	0.009 +- 0.046
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	17182.844	1614.129	78.095	Pass
2	17099.998	1529.484	65.339	Pass
3	17157.669	1591.213	74.323	Pass
4	17120.024	1543.108	74.440	Pass
5	17133.865	1606.222	85.634	Pass
6	17110.128	1555.845	64.773	Pass
7	17134.300	1560.083	81.727	Pass
8	17139.047	1591.371	77.193	Pass
9	17137.643	1640.058	93.729	Pass
10	17138.479	1599.418	101.143	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:33:50
Results file name:	0C703350.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	19195.292 +- 7.635
Doubles:	2002.422 +- 10.442
Triples:	133.845 +- 8.437
Quads:	26.977 +- 5.464
Quads/Triples:	0.205 +- 0.043
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	19182.894	2033.714	155.931	Pass
2	19208.613	2036.853	116.981	Pass
3	19163.597	1955.920	145.202	Pass
4	19162.627	2025.982	136.213	Pass
5	19181.958	1999.252	118.875	Pass
6	19208.111	2017.457	104.075	Pass
7	19188.212	1972.077	87.159	Pass
8	19196.405	1949.298	150.210	Pass
9	19231.489	2033.211	175.505	Pass
10	19229.014	2000.459	148.198	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:27:42
Results file name:	0C702742.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	21347.405 +- 7.872
Doubles:	2469.775 +- 14.232
Triples:	164.614 +- 12.729
Quads:	-2.074 +- 10.008
Quads/Triples:	-0.035 +- 0.068
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	21382.200	2506.434	176.257	Pass
2	21315.487	2379.947	108.841	Pass
3	21366.408	2509.443	145.955	Pass
4	21358.646	2500.436	199.418	Pass
5	21312.710	2491.666	138.991	Pass
6	21372.263	2446.618	161.297	Pass
7	21342.219	2436.687	188.112	Pass
8	21323.049	2436.973	111.262	Pass
9	21364.602	2525.325	239.264	Pass
10	21336.465	2464.217	176.402	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:21:30
Results file name:	0C702130.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	23336.805 +-	8.117
Doubles:	2975.187 +-	11.245
Triples:	231.625 +-	9.644
Quads:	2.882 +-	9.366
Quads/Triples:	0.018 +-	0.040
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	23384.842	2975.133	209.731	Pass
2	23321.520	3034.982	223.398	Pass
3	23364.326	2995.072	243.245	Pass
4	23346.588	3004.127	283.361	Pass
5	23312.618	2988.264	178.364	Pass
6	23341.534	2902.639	240.744	Pass
7	23307.564	2977.943	209.357	Pass
8	23353.750	2970.396	268.936	Pass
9	23322.625	2951.546	239.472	Pass
10	23312.685	2951.771	219.683	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:15:10
Results file name:	0C701510.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	25352.352 +-	12.836
Doubles:	3526.961 +-	11.606
Triples:	282.882 +-	17.414
Quads:	21.801 +-	17.305
Quads/Triples:	0.064 +-	0.066
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	25277.060	3495.325	221.566	Pass
2	25338.160	3569.311	328.110	Pass
3	25413.557	3453.758	208.405	Pass
4	25404.819	3558.834	339.504	Pass
5	25341.977	3534.041	210.326	Pass
6	25344.588	3545.040	297.443	Pass
7	25382.454	3493.872	295.337	Pass
8	25361.998	3515.503	283.760	Pass
9	25340.437	3559.024	366.998	Pass
10	25318.474	3544.907	277.714	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:09:05
Results file name:	0C700905.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	27123.992 +- 18.549
Doubles:	4063.198 +- 20.737
Triples:	340.108 +- 26.172
Quads:	41.291 +- 21.337
Quads/Triples:	0.112 +- 0.071
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	27101.175	4146.250	241.585	Pass
2	27119.126	4087.494	294.830	Pass
3	27203.790	4160.665	291.515	Pass
4	27120.231	3968.652	320.245	Pass
5	27086.573	4083.848	466.024	Pass
6	27244.079	4086.695	486.456	Pass
7	27092.937	4050.378	395.394	Pass
8	27131.886	4012.781	278.609	Pass
9	27096.252	3967.947	340.900	Pass
10	27043.874	4067.267	285.141	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:02:56
Results file name:	0C700256.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	28597.483 +- 13.772
Doubles:	4496.732 +- 22.460
Triples:	426.422 +- 15.266
Quads:	42.781 +- 18.516
Quads/Triples:	0.095 +- 0.046
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	28584.606	4496.436	390.282	Pass
2	28575.159	4548.197	468.783	Pass
3	28629.461	4573.834	388.026	Pass
4	28598.943	4526.218	404.593	Pass
5	28664.065	4519.654	479.668	Pass
6	28557.171	4376.683	404.964	Pass
7	28566.986	4533.742	475.333	Pass
8	28673.813	4523.069	479.368	Pass
9	28555.630	4509.755	432.204	Pass
10	28568.996	4359.734	340.404	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 13:56:49
Results file name:	0C7N5649.RTS
Inspection number:	
Item id:	V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	29854.994 +- 11.282
Doubles:	4955.161 +- 19.284
Triples:	500.260 +- 21.406
Quads:	7.003 +- 20.580
Quads/Triples:	0.006 +- 0.041
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	29861.045	4973.368	509.436	Pass
2	29936.501	5028.565	621.337	Pass
3	29843.220	4948.078	494.533	Pass
4	29818.425	4920.284	438.606	Pass
5	29833.503	4969.818	548.393	Pass
6	29809.882	4971.057	487.982	Pass
7	29875.185	4914.655	435.152	Pass
8	29849.117	4827.146	434.097	Pass
9	29873.208	5044.520	590.694	Pass
10	29849.854	4954.118	441.975	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 13:50:38
Results file name:	0C7N5038.RTS
Inspection number:	
Item id:	V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	30685.996 +- 16.163
Doubles:	5232.922 +- 16.624
Triples:	543.071 +- 26.224
Quads:	45.689 +- 27.979
Quads/Triples:	0.066 +- 0.059
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30741.818	5315.283	629.839	Pass
2	30623.793	5254.360	576.001	Pass
3	30695.875	5196.142	371.773	Pass
4	30699.192	5133.991	578.511	Pass
5	30746.879	5205.026	431.494	Pass
6	30682.236	5207.672	613.807	Pass
7	30665.112	5303.082	580.642	Pass
8	30713.937	5234.277	561.413	Pass
9	30582.140	5234.341	585.501	Pass
10	30708.978	5245.048	502.069	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 13:44:25
Results file name:	0C7N4425.RTS
Inspection number:	
Item id:	V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31205.678 +-	14.555
Doubles:	5393.008 +-	18.386
Triples:	518.764 +-	24.207
Quads:	12.683 +-	21.491
Quads/Triples:	0.015 +-	0.042
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31232.912	5297.115	412.545	Pass
2	31207.005	5375.375	437.532	Pass
3	31144.972	5351.707	572.714	Pass
4	31276.983	5465.641	577.631	Pass
5	31247.591	5435.024	428.769	Pass
6	31166.052	5371.491	514.973	Pass
7	31192.058	5327.972	536.520	Pass
8	31228.823	5427.373	625.287	Pass
9	31226.041	5471.071	602.874	Pass
10	31134.348	5407.316	478.374	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:52:33
Results file name:	0C705233.RTS
Inspection number:	
Item id:	V12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31300.446 +-	12.482
Doubles:	5447.382 +-	24.324
Triples:	585.797 +-	27.031
Quads:	49.593 +-	14.774
Quads/Triples:	0.084 +-	0.025
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31301.817	5415.009	535.504	Pass
2	31271.185	5420.276	563.547	Pass
3	31260.829	5391.211	511.794	Pass
4	31297.829	5429.457	632.355	Pass
5	31265.286	5310.248	538.837	Pass
6	31359.697	5576.189	641.928	Pass
7	31331.678	5528.690	701.049	Pass
8	31294.913	5475.312	704.463	Pass
9	31363.651	5415.394	436.335	Pass
10	31257.578	5512.037	591.478	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 14:59:30
Results file name:	0C705930.RTS
Inspection number:	
Item id:	V13
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	31054.312 +- 12.826
Doubles:	5361.293 +- 18.824
Triples:	527.814 +- 33.006
Quads:	20.844 +- 26.658
Quads/Triples:	0.021 +- 0.044
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	31118.027	5347.378	500.638	Pass
2	31057.133	5328.330	608.193	Pass
3	31056.162	5454.172	442.517	Pass
4	31002.139	5379.879	472.875	Pass
5	31009.780	5260.183	519.427	Pass
6	31116.150	5295.149	363.875	Pass
7	31042.958	5357.785	437.832	Pass
8	31081.095	5443.269	640.485	Pass
9	31038.768	5370.614	695.087	Pass
10	31020.906	5376.174	597.360	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:05:53
Results file name:	0C7P0553.RTS
Inspection number:	
Item id:	V14
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	30353.913 +- 17.200
Doubles:	5122.825 +- 17.549
Triples:	493.854 +- 19.278
Quads:	57.325 +- 21.370
Quads/Triples:	0.113 +- 0.042
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	30353.839	5045.493	420.462	Pass
2	30328.138	5118.444	453.874	Pass
3	30311.786	5124.444	466.564	Pass
4	30333.969	5076.247	518.298	Pass
5	30358.296	5239.393	628.005	Pass
6	30344.792	5162.432	520.499	Pass
7	30472.931	5160.134	535.475	Pass
8	30416.401	5131.872	481.605	Pass
9	30280.623	5089.223	426.949	Pass
10	30338.358	5080.566	486.502	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:11:56
Results file name:	0C7P1156.RTS
Inspection number:	
Item id:	V15
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	29363.944 +- 15.351
Doubles:	4797.498 +- 16.916
Triples:	500.116 +- 12.962
Quads:	74.224 +- 21.577
Quads/Triples:	0.144 +- 0.041
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	29306.379	4724.918	441.019	Pass
2	29286.981	4841.865	492.225	Pass
3	29425.181	4812.935	494.351	Pass
4	29325.844	4841.829	456.354	Pass
5	29436.874	4857.202	518.710	Pass
6	29372.380	4780.049	478.148	Pass
7	29373.084	4835.005	557.500	Pass
8	29371.945	4692.665	530.573	Pass
9	29394.325	4790.692	471.106	Pass
10	29346.449	4797.819	561.166	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:18:29
Results file name:	0C7P1829.RTS
Inspection number:	
Item id:	V16
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	27996.872 +- 9.704
Doubles:	4336.341 +- 16.193
Triples:	367.478 +- 20.824
Quads:	33.578 +- 16.516
Quads/Triples:	0.084 +- 0.039
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	28016.530	4354.795	314.418	Pass
2	27944.248	4249.777	429.021	Pass
3	27987.289	4320.521	417.771	Pass
4	27997.204	4404.882	326.847	Pass
5	28031.938	4269.798	316.224	Pass
6	27961.163	4348.822	407.690	Pass
7	27987.825	4306.823	422.669	Pass
8	28007.587	4340.107	355.337	Pass
9	27988.528	4363.739	243.427	Pass
10	28046.408	4404.149	441.096	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:24:44
Results file name:	0C7P2444.RTS
Inspection number:	
Item id:	V17
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	26260.827 +- 8.191
Doubles:	3798.253 +- 19.414
Triples:	294.177 +- 20.185
Quads:	0.594 +- 11.617
Quads/Triples:	-0.019 +- 0.048
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	26240.411	3789.067	285.554	Pass
2	26279.857	3948.696	321.514	Pass
3	26233.112	3766.218	307.032	Pass
4	26249.854	3735.697	239.206	Pass
5	26266.697	3790.379	195.467	Pass
6	26244.798	3790.519	354.977	Pass
7	26311.467	3758.179	357.879	Pass
8	26288.128	3810.758	267.131	Pass
9	26233.145	3749.735	222.330	Pass
10	26260.804	3843.284	390.450	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:30:48
Results file name:	0C7P3048.RTS
Inspection number:	
Item id:	V18
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	24398.271 +- 10.909
Doubles:	3254.454 +- 14.866
Triples:	218.970 +- 17.308
Quads:	-8.491 +- 16.216
Quads/Triples:	-0.104 +- 0.118
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	24382.390	3223.033	218.859	Pass
2	24459.047	3281.712	209.862	Pass
3	24426.711	3192.693	105.728	Pass
4	24382.658	3260.145	152.174	Pass
5	24395.178	3287.757	261.000	Pass
6	24381.487	3272.749	267.164	Pass
7	24412.216	3338.571	268.335	Pass
8	24421.689	3279.451	255.844	Pass
9	24391.060	3212.016	196.695	Pass
10	24330.271	3196.419	253.746	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:37:30
Results file name:	0C7P3730.RTS
Inspection number:	
Item id:	V19
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	22469.930 +- 11.711
Doubles:	2782.766 +- 13.366
Triples:	194.582 +- 10.457
Quads:	17.289 +- 10.111
Quads/Triples:	0.072 +- 0.050
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	22463.394	2835.713	232.286	Pass
2	22513.221	2738.406	177.506	Pass
3	22501.107	2791.104	193.850	Pass
4	22475.341	2738.203	203.324	Pass
5	22459.613	2841.252	251.791	Pass
6	22426.853	2773.463	157.350	Pass
7	22415.408	2718.796	176.459	Pass
8	22451.782	2772.983	175.611	Pass
9	22533.500	2798.996	152.506	Pass
10	22459.077	2818.744	225.120	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:43:50
Results file name:	0C7P4350.RTS
Inspection number:	
Item id:	V20
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	20404.873 +- 9.652
Doubles:	2258.660 +- 8.035
Triples:	145.750 +- 14.253
Quads:	17.060 +- 8.632
Quads/Triples:	0.081 +- 0.077
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	20405.341	2239.146	136.461	Pass
2	20368.779	2259.226	194.279	Pass
3	20397.212	2265.526	106.079	Pass
4	20423.104	2264.975	104.478	Pass
5	20440.097	2255.488	168.321	Pass
6	20357.974	2258.580	177.683	Pass
7	20422.334	2306.668	187.500	Pass
8	20412.366	2283.531	201.318	Pass
9	20448.293	2240.321	82.422	Pass
10	20373.228	2213.139	98.918	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	20.12.07 15:50:02
Results file name:	0C7P5002.RTS
Inspection number:	
Item id:	V21
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.1620
Multiplicity deadtime:	86.5000
Coefficient A deadtime:	0.3458
Coefficient B deadtime:	0.0299
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.6599
Triples gate fraction:	0.4260
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	9.557 +- 0.176
Passive doubles bkgrnd:	0.005 +- 0.003
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	18181.241 +- 8.189
Doubles:	1799.358 +- 10.193
Triples:	108.622 +- 6.257
Quads:	14.182 +- 6.622
Quads/Triples:	0.118 +- 0.063
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	18160.262	1810.736	116.954	Pass
2	18165.378	1830.530	143.379	Pass
3	18183.468	1771.203	94.122	Pass
4	18161.399	1823.450	93.722	Pass
5	18187.514	1764.430	79.752	Pass
6	18233.358	1844.192	128.222	Pass
7	18208.246	1766.488	98.895	Pass
8	18198.482	1806.702	92.444	Pass
9	18157.118	1821.468	117.203	Pass
10	18157.185	1754.382	121.521	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:18:54
Results file name:	0A9K1854.RTS
Inspection number:	
Item id:	D0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	1cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1142.563 +-	1.767
Doubles:	5.760 +-	0.635
Triples:	-0.041 +-	0.103
Quads:	0.007 +-	0.021
Quads/Triples:	0.279 +-	0.207
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1140.920	6.067	-0.388	Pass
2	1136.487	4.067	0.392	Pass
3	1149.853	1.267	0.104	Pass
4	1143.420	7.100	0.140	Pass
5	1144.353	7.867	-0.350	Pass
6	1146.787	5.000	-0.039	Pass
7	1150.287	6.733	-0.267	Pass
8	1134.253	8.033	0.541	Pass
9	1136.453	6.033	-0.277	Pass
10	1142.820	5.433	-0.267	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:26:14
Results file name:	0A9K2614.RTS
Inspection number:	
Item id:	D1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	3cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1214.210 +-	2.850
Doubles:	6.920 +-	0.523
Triples:	0.189 +-	0.167
Quads:	-0.020 +-	0.022
Quads/Triples:	-0.027 +-	0.114
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1204.453	7.733	0.668	Pass
2	1211.353	4.133	-0.795	Pass
3	1205.853	9.133	0.421	Pass
4	1201.620	6.433	1.036	Pass
5	1226.487	5.500	0.091	Pass
6	1218.653	9.400	0.421	Pass
7	1215.720	6.200	0.412	Pass
8	1224.287	5.667	-0.247	Pass
9	1224.287	7.267	-0.308	Pass
10	1209.387	7.733	0.191	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:33:32
Results file name:	0A9K3332.RTS
Inspection number:	
Item id:	D2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1370.750 +-	1.241
Doubles:	10.517 +-	0.698
Triples:	0.085 +-	0.140
Quads:	-0.001 +-	0.028
Quads/Triples:	0.236 +-	0.118
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1370.953	10.833	0.402	Pass
2	1363.353	7.567	0.964	Pass
3	1370.920	11.567	0.479	Pass
4	1373.020	6.700	-0.034	Pass
5	1372.887	12.767	0.203	Pass
6	1375.387	10.767	-0.618	Pass
7	1373.853	13.733	-0.086	Pass
8	1368.620	11.467	-0.108	Pass
9	1365.153	8.833	-0.250	Pass
10	1373.353	10.933	-0.100	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:40:47
Results file name:	0A9K4047.RTS
Inspection number:	
Item id:	D3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	9cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1532.413 +-	2.665
Doubles:	10.227 +-	1.049
Triples:	0.308 +-	0.162
Quads:	-0.029 +-	0.012
Quads/Triples:	2.326 +-	2.260
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1520.587	7.233	0.183	Pass
2	1531.287	12.500	0.056	Pass
3	1521.187	11.600	1.224	Pass
4	1531.653	4.967	0.133	Pass
5	1533.487	6.533	0.406	Pass
6	1528.820	8.567	0.555	Pass
7	1537.987	12.900	-0.046	Pass
8	1549.787	12.333	1.033	Pass
9	1532.020	10.167	-0.004	Pass
10	1537.320	15.467	-0.468	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:48:10
Results file name:	0A9K4810.RTS
Inspection number:	
Item id:	D4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	12cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1661.703 +-	2.999
Doubles:	12.843 +-	0.590
Triples:	-0.068 +-	0.261
Quads:	0.047 +-	0.027
Quads/Triples:	0.240 +-	0.254
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1667.353	15.367	1.349	Pass
2	1653.020	11.067	0.548	Pass
3	1661.987	12.433	-0.173	Pass
4	1668.220	13.400	-0.845	Pass
5	1673.487	13.900	-0.240	Pass
6	1660.620	13.900	-0.828	Pass
7	1662.520	15.200	-0.598	Pass
8	1648.287	10.167	1.113	Pass
9	1647.787	10.333	-0.037	Pass
10	1673.753	12.667	-0.974	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 10:55:08
Results file name:	0A9K5508.RTS
Inspection number:	
Item id:	D5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	15cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1762.900 +-	2.581
Doubles:	15.893 +-	0.713
Triples:	0.424 +-	0.279
Quads:	0.118 +-	0.045
Quads/Triples:	-0.911 +-	1.101
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1769.253	20.333	0.552	Pass
2	1754.287	17.233	0.153	Pass
3	1769.420	14.267	-0.168	Pass
4	1764.353	15.800	0.460	Pass
5	1766.420	14.500	-0.721	Pass
6	1762.820	12.167	0.801	Pass
7	1768.220	16.133	2.052	Pass
8	1748.320	17.000	-0.491	Pass
9	1753.287	14.267	-0.019	Pass
10	1772.620	17.233	1.616	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:01:45
Results file name:	0A9L0145.RTS
Inspection number:	
Item id:	D6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	18cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1820.277 +-	2.209
Doubles:	16.870 +-	0.708
Triples:	-0.179 +-	0.206
Quads:	0.076 +-	0.052
Quads/Triples:	-0.194 +-	0.269
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1809.487	13.367	0.466	Pass
2	1820.620	13.500	0.107	Pass
3	1823.653	17.033	0.559	Pass
4	1819.453	17.000	-0.365	Pass
5	1835.487	17.733	-0.799	Pass
6	1816.820	18.833	0.587	Pass
7	1820.420	17.633	-0.700	Pass
8	1818.153	14.900	-0.012	Pass
9	1824.853	19.267	-1.392	Pass
10	1813.820	19.433	-0.242	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:07:52
Results file name:	0A9L0752.RTS
Inspection number:	
Item id:	D7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	21cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1824.257 +-	2.103
Doubles:	16.043 +-	0.764
Triples:	0.091 +-	0.204
Quads:	0.093 +-	0.049
Quads/Triples:	-0.597 +-	0.469
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1823.753	15.233	0.032	Pass
2	1826.353	16.600	-0.197	Pass
3	1832.220	17.000	0.717	Pass
4	1815.387	12.500	0.199	Pass
5	1824.653	15.667	0.888	Pass
6	1821.820	14.967	1.195	Pass
7	1834.653	13.667	-0.621	Pass
8	1813.453	15.167	-0.239	Pass
9	1828.187	20.800	-0.550	Pass
10	1822.087	18.833	-0.516	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:14:01
Results file name:	0A9L1401.RTS
Inspection number:	
Item id:	D8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	24cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1762.137 +-	2.749
Doubles:	17.240 +-	0.915
Triples:	0.529 +-	0.207
Quads:	0.039 +-	0.039
Quads/Triples:	-0.001 +-	0.160
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1766.853	16.400	1.530	Pass
2	1761.020	21.233	0.352	Pass
3	1758.287	12.333	0.564	Pass
4	1775.320	12.367	1.083	Pass
5	1755.087	18.467	-0.193	Pass
6	1765.953	18.967	0.634	Pass
7	1764.853	17.567	0.634	Pass
8	1756.553	19.033	1.208	Pass
9	1745.653	18.967	-0.631	Pass
10	1771.787	17.067	0.116	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:20:35
Results file name:	0A9L2035.RTS
Inspection number:	
Item id:	D9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	27cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1652.747 +-	1.730
Doubles:	14.687 +-	0.586
Triples:	0.126 +-	0.208
Quads:	0.049 +-	0.044
Quads/Triples:	-0.009 +-	0.323
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1650.487	13.333	-0.886	Pass
2	1657.787	15.167	0.880	Pass
3	1653.853	15.533	0.902	Pass
4	1665.320	14.033	0.053	Pass
5	1651.087	13.667	-0.058	Pass
6	1648.020	10.933	-0.701	Pass
7	1650.187	16.667	0.695	Pass
8	1653.487	15.033	-0.502	Pass
9	1646.053	17.600	0.268	Pass
10	1651.187	14.900	0.611	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:26:47
Results file name:	0A9L2647.RTS
Inspection number:	
Item id:	D10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	30cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1490.443 +-	2.876
Doubles:	12.007 +-	0.459
Triples:	-0.085 +-	0.208
Quads:	0.003 +-	0.031
Quads/Triples:	-0.086 +-	0.170
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1494.887	13.367	-0.655	Pass
2	1503.620	9.867	-0.132	Pass
3	1489.253	12.100	0.073	Pass
4	1499.587	11.367	0.702	Pass
5	1490.120	10.667	-0.497	Pass
6	1488.153	13.800	-1.455	Pass
7	1488.287	11.867	-0.173	Pass
8	1474.687	13.200	0.278	Pass
9	1478.053	13.600	0.671	Pass
10	1497.787	10.233	0.340	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:33:35
Results file name:	0A9L3335.RTS
Inspection number:	
Item id:	D11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	33cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1298.290 +-	2.156
Doubles:	8.057 +-	0.719
Triples:	-0.087 +-	0.134
Quads:	0.031 +-	0.027
Quads/Triples:	-0.024 +-	0.098
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1299.120	4.467	-0.413	Pass
2	1306.720	9.067	0.336	Pass
3	1301.720	8.500	0.181	Pass
4	1297.820	4.933	-0.049	Pass
5	1293.120	8.500	-0.509	Pass
6	1298.353	6.000	0.288	Pass
7	1282.787	9.067	-0.419	Pass
8	1295.687	10.833	0.596	Pass
9	1303.520	11.133	-0.671	Pass
10	1304.053	8.067	-0.210	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.09 11:42:21
Results file name:	0A9L4221.RTS
Inspection number:	
Item id:	D12
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	36cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.413 +- 0.052
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1108.907 +-	2.039
Doubles:	6.053 +-	0.347
Triples:	0.045 +-	0.113
Quads:	0.017 +-	0.015
Quads/Triples:	0.007 +-	0.064
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1112.487	5.667	0.458	Pass
2	1116.053	5.133	-0.174	Pass
3	1105.987	5.833	-0.453	Pass
4	1106.453	8.167	0.315	Pass
5	1100.253	6.400	0.142	Pass
6	1100.153	7.067	-0.402	Pass
7	1103.487	5.000	0.209	Pass
8	1112.887	6.000	-0.361	Pass
9	1117.620	6.800	0.275	Pass
10	1113.687	4.467	0.443	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:24:31
Results file name:	0A8P2431.RTS
Inspection number:	
Item id:	H0
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3468.655 +-	3.536
Doubles:	61.497 +-	1.247
Triples:	0.300 +-	0.767
Quads:	0.116 +-	0.173
Quads/Triples:	0.228 +-	0.196
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3478.558	66.067	-1.722	Pass
2	3474.525	61.800	-0.408	Pass
3	3444.558	61.367	0.799	Pass
4	3472.458	59.867	-4.077	Pass
5	3465.792	64.067	1.763	Pass
6	3469.892	58.233	3.255	Pass
7	3460.025	61.833	-0.912	Pass
8	3470.592	55.267	1.845	Pass
9	3464.425	58.033	-1.273	Pass
10	3485.725	68.433	3.720	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:17:57
Results file name:	OA8P1757.RTS
Inspection number:	
Item id:	H1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2733.968 +-	1.403
Doubles:	38.547 +-	1.002
Triples:	0.298 +-	0.476
Quads:	0.162 +-	0.133
Quads/Triples:	-0.174 +-	0.285
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2736.192	42.600	0.333	Pass
2	2729.458	41.600	1.220	Pass
3	2744.425	40.900	0.158	Pass
4	2730.558	37.933	0.730	Pass
5	2731.158	37.367	3.139	Pass
6	2733.125	33.567	-1.568	Pass
7	2736.892	41.700	1.671	Pass
8	2731.158	36.100	-1.929	Pass
9	2734.958	39.167	-0.375	Pass
10	2731.758	34.533	-0.401	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:11:25
Results file name:	OA8P1125.RTS
Inspection number:	
Item id:	H2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2277.728 +-	2.473
Doubles:	26.373 +-	1.238
Triples:	0.811 +-	0.221
Quads:	0.056 +-	0.111
Quads/Triples:	-0.445 +-	0.634
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2289.092	27.667	0.318	Pass
2	2274.425	31.633	0.766	Pass
3	2279.658	28.167	-0.043	Pass
4	2271.425	28.333	0.557	Pass
5	2267.025	29.333	0.491	Pass
6	2280.425	19.400	0.353	Pass
7	2280.025	21.400	2.486	Pass
8	2287.025	25.200	1.029	Pass
9	2266.125	23.300	0.930	Pass
10	2282.058	29.300	1.225	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:04:52
Results file name:	0A8P0452.RTS
Inspection number:	
Item id:	H3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2020.815 +- 2.596
Doubles:	22.063 +- 1.366
Triples:	0.551 +- 0.140
Quads:	0.101 +- 0.026
Quads/Triples:	0.290 +- 0.296
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2007.925	15.267	0.517	Pass
2	2022.558	25.567	0.440	Pass
3	2025.792	16.933	0.675	Pass
4	2012.425	20.867	1.224	Pass
5	2027.892	24.700	-0.106	Pass
6	2027.892	21.767	0.112	Pass
7	2021.158	17.967	1.109	Pass
8	2011.158	24.000	0.993	Pass
9	2018.558	28.967	0.266	Pass
10	2032.792	24.600	0.274	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:58:27
Results file name:	0A805827.RTS
Inspection number:	
Item id:	H4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1877.735 +- 3.093
Doubles:	18.153 +- 1.163
Triples:	-0.060 +- 0.241
Quads:	0.044 +- 0.053
Quads/Triples:	-0.140 +- 0.160
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1869.058	17.067	0.698	Pass
2	1890.358	13.733	-0.603	Pass
3	1867.158	15.967	-0.924	Pass
4	1885.758	21.667	0.028	Pass
5	1891.858	23.200	1.108	Pass
6	1869.025	22.033	-0.785	Pass
7	1881.625	14.833	0.698	Pass
8	1877.292	13.367	-0.163	Pass
9	1865.292	18.467	0.372	Pass
10	1879.925	21.200	-1.033	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:50:39
Results file name:	0A805039.RTS
Inspection number:	
Item id:	H5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1828.178 +-	2.386
Doubles:	16.720 +-	1.008
Triples:	0.305 +-	0.142
Quads:	0.156 +-	0.070
Quads/Triples:	-0.247 +-	0.348
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1829.958	12.700	0.430	Pass
2	1820.358	17.800	0.444	Pass
3	1827.525	17.467	0.238	Pass
4	1836.258	15.600	0.547	Pass
5	1830.392	11.433	-0.718	Pass
6	1835.892	21.567	0.810	Pass
7	1827.125	18.267	0.308	Pass
8	1821.792	14.100	-0.200	Pass
9	1837.825	19.167	0.556	Pass
10	1814.658	19.100	0.633	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:32:29
Results file name:	0A8P3229.RTS
Inspection number:	
Item id:	H6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001

Normalization constant:	1.0000 +- 0.0000

Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1864.518 +-	2.331
Doubles:	17.607 +-	0.451
Triples:	-0.124 +-	0.226
Quads:	0.088 +-	0.056
Quads/Triples:	-3.496 +-	2.941
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1860.158	15.567	-0.736	Pass
2	1865.792	20.000	-0.971	Pass
3	1870.758	18.300	0.689	Pass
4	1856.158	18.100	-0.033	Pass
5	1861.158	17.700	0.009	Pass
6	1871.658	16.967	0.844	Pass
7	1858.192	17.900	0.289	Pass
8	1867.625	16.767	-0.424	Pass
9	1855.958	15.600	-1.299	Pass
10	1877.725	19.167	0.384	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:40:27
Results file name:	0A8P4027.RTS
Inspection number:	
Item id:	H7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2023.592 +-	2.689
Doubles:	21.397 +-	1.318
Triples:	0.423 +-	0.205
Quads:	0.040 +-	0.070
Quads/Triples:	0.132 +-	0.165
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2020.658	14.500	-0.293	Pass
2	2005.992	22.867	1.369	Pass
3	2032.758	17.767	0.926	Pass
4	2022.158	17.067	-0.530	Pass
5	2028.892	25.367	-0.086	Pass
6	2018.425	25.700	0.522	Pass
7	2030.458	23.867	-0.156	Pass
8	2032.358	26.167	0.671	Pass
9	2016.492	18.167	0.693	Pass
10	2027.725	22.500	1.117	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:46:57
Results file name:	0A8P4657.RTS
Inspection number:	
Item id:	H8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2300.645 +-	2.615
Doubles:	28.640 +-	1.258
Triples:	0.142 +-	0.370
Quads:	0.030 +-	0.071
Quads/Triples:	6.669 +-	7.128
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2293.425	27.800	-0.005	Pass
2	2312.125	30.000	1.202	Pass
3	2292.425	31.467	0.939	Pass
4	2306.658	29.500	0.225	Pass
5	2297.292	31.767	0.838	Pass
6	2296.225	26.967	-0.059	Pass
7	2315.792	32.433	0.177	Pass
8	2300.125	31.667	1.685	Pass
9	2292.492	19.467	-1.576	Pass
10	2299.892	25.333	-2.020	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 15:56:20
Results file name:	0A8P5620.RTS
Inspection number:	
Item id:	H9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	2752.692 +- 2.719
Doubles:	36.310 +- 1.459
Triples:	-0.447 +- 0.613
Quads:	0.049 +- 0.144
Quads/Triples:	0.699 +- 0.796
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	2752.458	32.867	-1.847	Pass
2	2763.358	31.733	-0.942	Pass
3	2750.858	40.667	-3.001	Pass
4	2733.492	45.733	-1.126	Pass
5	2760.625	39.833	3.921	Pass
6	2757.058	33.533	0.086	Pass
7	2756.458	33.800	1.013	Pass
8	2757.725	34.733	-1.855	Pass
9	2746.258	38.200	-1.094	Pass
10	2748.625	32.000	0.385	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 16:03:06
Results file name:	0A8Q0306.RTS
Inspection number:	
Item id:	H10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	3529.668 +- 3.627
Doubles:	60.240 +- 1.496
Triples:	0.226 +- 0.400
Quads:	0.494 +- 0.177
Quads/Triples:	1.632 +- 1.324
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	3517.292	64.833	1.352	Pass
2	3522.292	70.267	-0.554	Pass
3	3528.825	58.367	1.138	Pass
4	3554.392	62.700	-2.177	Pass
5	3513.525	59.867	0.078	Pass
6	3537.258	57.600	2.406	Pass
7	3536.025	59.100	-0.835	Pass
8	3529.592	53.667	0.243	Pass
9	3527.325	60.067	0.413	Pass
10	3530.158	55.933	0.207	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 11:59:01
Results file name:	0A8L5901.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+10cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1330.845 +-	1.856
Doubles:	8.350 +-	0.700
Triples:	0.227 +-	0.159
Quads:	0.002 +-	0.016
Quads/Triples:	0.125 +-	0.272
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1321.692	3.600	0.187	Pass
2	1326.692	8.433	0.014	Pass
3	1336.058	10.100	0.497	Pass
4	1336.292	11.800	1.316	Pass
5	1340.025	9.400	0.383	Pass
6	1327.858	7.700	-0.465	Pass
7	1327.558	7.633	0.576	Pass
8	1330.625	9.867	0.082	Pass
9	1325.925	6.867	-0.224	Pass
10	1335.725	8.100	-0.104	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 11:51:55
Results file name:	0A8L5155.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+8cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1450.848 +-	3.436
Doubles:	11.743 +-	0.682
Triples:	0.390 +-	0.177
Quads:	0.014 +-	0.040
Quads/Triples:	-0.241 +-	0.370
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1460.625	10.067	-0.045	Pass
2	1437.725	15.567	1.125	Pass
3	1453.725	11.900	0.514	Pass
4	1467.392	10.733	-0.551	Pass
5	1455.325	11.933	0.210	Pass
6	1442.492	9.100	0.320	Pass
7	1431.192	13.933	0.815	Pass
8	1449.892	10.733	-0.005	Pass
9	1454.992	14.033	0.248	Pass
10	1455.125	9.433	1.273	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 11:44:43
Results file name:	0A8L4443.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+6cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1580.785 +-	2.133
Doubles:	12.027 +-	0.787
Triples:	0.208 +-	0.160
Quads:	0.050 +-	0.022
Quads/Triples:	-0.117 +-	0.126
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1574.758	13.600	0.886	Pass
2	1585.192	11.867	-0.478	Pass
3	1571.692	8.367	-0.185	Pass
4	1575.225	12.833	-0.040	Pass
5	1583.358	12.900	0.313	Pass
6	1586.258	15.567	0.740	Pass
7	1581.325	12.100	-0.201	Pass
8	1572.325	14.600	0.417	Pass
9	1589.592	7.900	-0.251	Pass
10	1588.125	10.533	0.883	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 11:36:18
Results file name:	0A8L3618.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+4cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1718.532 +-	1.555
Doubles:	14.187 +-	0.597
Triples:	0.006 +-	0.164
Quads:	0.072 +-	0.041
Quads/Triples:	0.578 +-	0.631
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1722.492	12.100	0.625	Pass
2	1716.025	17.733	0.268	Pass
3	1721.292	14.933	0.574	Pass
4	1719.392	14.033	-0.896	Pass
5	1713.325	14.767	0.033	Pass
6	1714.125	12.700	-0.541	Pass
7	1721.725	14.133	0.295	Pass
8	1727.258	16.567	0.354	Pass
9	1711.158	12.833	-0.547	Pass
10	1718.525	12.067	-0.105	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 11:28:29
Results file name:	0A8L2829.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	+2cm

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1789.332 +-	1.465
Doubles:	15.913 +-	0.632
Triples:	0.468 +-	0.230
Quads:	0.113 +-	0.049
Quads/Triples:	-0.827 +-	1.255
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1787.125	16.533	0.801	Pass
2	1788.925	13.900	0.656	Pass
3	1786.292	13.767	-0.085	Pass
4	1789.358	15.400	-0.849	Pass
5	1782.458	19.233	1.124	Pass
6	1785.925	12.900	1.077	Pass
7	1791.725	15.633	0.255	Pass
8	1797.758	16.433	1.624	Pass
9	1795.758	17.467	-0.026	Pass
10	1787.992	17.867	0.103	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 13:57:24
Results file name:	0A8N5724.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1836.025 +-	1.678
Doubles:	18.043 +-	0.995
Triples:	-0.123 +-	0.309
Quads:	0.028 +-	0.053
Quads/Triples:	-0.108 +-	0.105
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1837.225	17.600	-1.648	Pass
2	1835.358	16.700	0.378	Pass
3	1837.658	19.467	0.121	Pass
4	1838.258	21.967	-0.426	Pass
5	1836.858	20.233	0.836	Pass
6	1834.958	11.967	-1.147	Pass
7	1836.992	21.333	-0.861	Pass
8	1822.392	14.967	-0.291	Pass
9	1843.358	20.067	1.680	Pass
10	1837.192	16.133	0.124	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:04:56
Results file name:	0A800456.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-2cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1801.418 +-	2.324
Doubles:	17.767 +-	0.980
Triples:	0.131 +-	0.277
Quads:	0.125 +-	0.053
Quads/Triples:	0.043 +-	0.196
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1801.258	17.533	-0.510	Pass
2	1795.658	15.333	-0.677	Pass
3	1789.158	19.067	0.268	Pass
4	1807.025	19.433	-1.363	Pass
5	1801.592	24.833	0.744	Pass
6	1806.692	17.600	0.206	Pass
7	1794.192	13.300	-0.246	Pass
8	1802.492	16.100	0.324	Pass
9	1815.192	18.400	0.840	Pass
10	1800.925	16.067	1.726	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:12:45
Results file name:	0A801245.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-4cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1711.202 +-	3.019
Doubles:	15.377 +-	0.789
Triples:	0.267 +-	0.259
Quads:	0.072 +-	0.039
Quads/Triples:	0.189 +-	0.071
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1707.958	16.133	0.488	Pass
2	1719.892	17.767	-0.404	Pass
3	1721.358	15.233	0.740	Pass
4	1718.625	15.000	2.192	Pass
5	1712.025	14.867	0.157	Pass
6	1708.058	18.267	0.222	Pass
7	1690.358	11.267	-0.133	Pass
8	1713.092	11.467	0.228	Pass
9	1718.258	18.333	0.103	Pass
10	1702.392	15.433	-0.926	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:19:08
Results file name:	0A801908.RTS
Inspection number:	
Item id:	V9
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-6cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1590.182 +- 2.411
Doubles:	12.507 +- 0.798
Triples:	0.220 +- 0.207
Quads:	0.155 +- 0.066
Quads/Triples:	-0.399 +- 0.517
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1590.092	11.167	0.023	Pass
2	1595.992	13.667	1.254	Pass
3	1603.925	16.600	-0.024	Pass
4	1598.492	12.933	-0.267	Pass
5	1581.292	13.233	0.111	Pass
6	1582.492	10.400	0.106	Pass
7	1583.325	16.167	-0.358	Pass
8	1592.525	8.800	0.723	Pass
9	1583.825	10.367	1.266	Pass
10	1589.858	11.733	-0.634	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:25:16
Results file name:	0A802516.RTS
Inspection number:	
Item id:	V10
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-8cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1464.112 +- 1.722
Doubles:	11.160 +- 0.561
Triples:	0.042 +- 0.151
Quads:	-0.006 +- 0.023
Quads/Triples:	0.053 +- 0.102
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1468.325	11.500	0.207	Pass
2	1464.992	9.933	0.120	Pass
3	1466.225	10.467	0.242	Pass
4	1465.558	11.033	0.622	Pass
5	1468.692	8.800	-0.340	Pass
6	1462.158	10.900	-0.293	Pass
7	1458.225	9.333	-0.950	Pass
8	1452.658	12.967	-0.084	Pass
9	1463.092	11.833	0.610	Pass
10	1471.192	14.833	0.288	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	20.10.08 14:33:12
Results file name:	0A803312.RTS
Inspection number:	
Item id:	V11
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	-10cm reverse

Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	50.0000
Efficiency:	0.0126
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.0001
Triples gate fraction:	0.0001
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	1.242 +- 0.035
Passive doubles bkgrnd:	0.000 +- 0.000
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	1329.205 +- 2.193
Doubles:	8.900 +- 0.667
Triples:	0.280 +- 0.145
Quads:	0.019 +- 0.036
Quads/Triples:	-0.561 +- 0.317
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1325.592	7.900	0.219	Pass
2	1327.558	8.633	0.286	Pass
3	1341.658	8.900	-0.039	Pass
4	1325.525	7.867	0.324	Pass
5	1323.758	11.033	1.157	Pass
6	1325.292	5.267	-0.052	Pass
7	1327.858	12.833	0.934	Pass
8	1341.658	7.133	-0.390	Pass
9	1322.525	9.400	0.196	Pass
10	1330.625	10.033	0.171	Pass

【AFAS 性能確認試験】

(7)　2.4.5　測定パラメータの再評価

（HV プラトー領域の評価）

AFAS-B Bottom Fork_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	0	0.0
1020	0	0.0
1040	0	0.0
1060	0	0.0
1080	0	0.0
1100	1	0.0
1120	0	0.0
1140	0	0.0
1160	0	0.0
1180	0	0.0
1200	6	0.1
1220	2	0.0
1240	1	0.0
1260	9	0.1
1280	11	0.1
1300	14	0.1
1320	30	0.3
1340	49	0.5
1360	820	8.2
1380	6924	69.2
1400	18215	182.2
1420	28570	285.7
1440	39021	390.2
1460	49624	496.2
1480	59965	599.6
1500	71292	712.9
1520	83619	836.2
1540	96936	969.4
1560	111650	1116.5
1580	128788	1287.9
1600	147135	1471.3
1620	165475	1654.8
1640	181949	1819.5
1660	194248	1942.5
1680	201434	2014.3
1700	204322	2043.2
1720	205477	2054.8
1740	206888	2068.9
1760	206619	2066.2
1780	207178	2071.8
1800	208985	2089.8
1820	210919	2109.2
1840	211842	2118.4
1860	215472	2154.7
1880	216833	2168.3
1900	219495	2194.9
1920	220016	2200.2
1940	219499	2195.0
1960	219593	2195.9
1980	220056	2200.6
2000	219172	2191.7

AFAS-B Collar_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	2	0.1
1020	2	0.1
1040	9	0.3
1060	4	0.1
1080	17	0.6
1100	12	0.4
1120	19	0.6
1140	23	0.8
1160	26	0.9
1180	38	1.3
1200	68	2.3
1220	88	2.9
1240	168	5.6
1260	267	8.9
1280	490	16.3
1300	1688	56.3
1320	13038	434.6
1340	49363	1645.4
1360	105536	3517.9
1380	165937	5531.2
1400	216726	7224.2
1420	263727	8790.9
1440	308397	10279.9
1460	356399	11880.0
1480	409040	13634.7
1500	467810	15593.7
1520	532484	17749.5
1540	606251	20208.4
1560	685405	22846.8
1580	773698	25789.9
1600	866644	28888.1
1620	951947	31731.6
1640	1029050	34301.7
1660	1080958	36031.9
1680	1110692	37023.1
1700	1125043	37501.4
1720	1129284	37642.8
1740	1130892	37696.4
1760	1131051	37701.7
1780	1133309	37777.0
1800	1135749	37858.3
1820	1137211	37907.0
1840	1138817	37960.6
1860	1145127	38170.9
1880	1158351	38611.7
1900	1168141	38938.0
1920	1177328	39244.3
1940	1184052	39468.4
1960	1187580	39586.0
1980	1187339	39578.0
2000	1187630	39587.7

AFAS-B Top Fork_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	0	0.0
1020	0	0.0
1040	0	0.0
1060	0	0.0
1080	0	0.0
1100	0	0.0
1120	0	0.0
1140	0	0.0
1160	0	0.0
1180	2	0.0
1200	0	0.0
1220	1	0.0
1240	3	0.0
1260	3	0.0
1280	6	0.1
1300	13	0.1
1320	18	0.2
1340	16	0.2
1360	73	0.7
1380	2682	26.8
1400	11805	118.1
1420	22788	227.9
1440	33015	330.1
1460	42734	427.3
1480	52388	523.9
1500	62835	628.4
1520	74557	745.6
1540	86661	866.6
1560	100278	1002.8
1580	116605	1166.1
1600	132647	1326.5
1620	151243	1512.4
1640	168638	1686.4
1660	180943	1809.4
1680	190109	1901.1
1700	194686	1946.9
1720	196580	1965.8
1740	197875	1978.8
1760	197839	1978.4
1780	198584	1985.8
1800	199710	1997.1
1820	201010	2010.1
1840	203517	2035.2
1860	205563	2055.6
1880	208881	2088.8
1900	209508	2095.1
1920	210935	2109.3
1940	211467	2114.7
1960	212219	2122.2
1980	211575	2115.8
2000	211240	2112.4

AFAS-P Bottom Fork_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	0	0.0
1020	0	0.0
1040	0	0.0
1060	0	0.0
1080	0	0.0
1100	0	0.0
1120	0	0.0
1140	2	0.0
1160	0	0.0
1180	0	0.0
1200	0	0.0
1220	2	0.0
1240	6	0.1
1260	2	0.0
1280	9	0.1
1300	13	0.1
1320	7	0.1
1340	24	0.2
1360	37	0.4
1380	1043	10.4
1400	7844	78.4
1420	18228	182.3
1440	28334	283.3
1460	38058	380.6
1480	47434	474.3
1500	57219	572.2
1520	67671	676.7
1540	80123	801.2
1560	92423	924.2
1580	106393	1063.9
1600	123905	1239.1
1620	140062	1400.6
1640	156007	1560.1
1660	171959	1719.6
1680	182263	1822.6
1700	188340	1883.4
1720	190577	1905.8
1740	190608	1906.1
1760	190473	1904.7
1780	192096	1921.0
1800	192135	1921.3
1820	192776	1927.8
1840	195650	1956.5
1860	197863	1978.6
1880	200070	2000.7
1900	201979	2019.8
1920	203563	2035.6
1940	204893	2048.9
1960	204064	2040.6
1980	203926	2039.3
2000	203781	2037.8

AFAS-P Collar_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	8	0.3
1020	7	0.2
1040	3	0.1
1060	5	0.2
1080	1	0.0
1100	5	0.2
1120	3	0.1
1140	14	0.5
1160	19	0.6
1180	21	0.7
1200	28	0.9
1220	43	1.4
1240	85	2.8
1260	121	4.0
1280	431	14.4
1300	2096	69.9
1320	6075	202.5
1340	19413	647.1
1360	50937	1697.9
1380	95435	3181.2
1400	142055	4735.2
1420	181757	6058.6
1440	220815	7360.5
1460	261068	8702.3
1480	301654	10055.1
1500	348058	11601.9
1520	396652	13221.7
1540	451837	15061.2
1560	514713	17157.1
1580	580869	19362.3
1600	655948	21864.9
1620	727525	24250.8
1640	798352	26611.7
1660	855353	28511.8
1680	892455	29748.5
1700	914939	30498.0
1720	926376	30879.2
1740	929188	30972.9
1760	930892	31029.7
1780	930991	31033.0
1800	934448	31148.3
1820	934501	31150.0
1840	937995	31266.5
1860	943869	31462.3
1880	949556	31651.9
1900	962935	32097.8
1920	969993	32333.1
1940	976714	32557.1
1960	979873	32662.4
1980	982756	32758.5
2000	983779	32792.6

AFAS-P Top Fork_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	0	0.0
1020	0	0.0
1040	0	0.0
1060	0	0.0
1080	0	0.0
1100	0	0.0
1120	0	0.0
1140	0	0.0
1160	0	0.0
1180	0	0.0
1200	0	0.0
1220	2	0.0
1240	1	0.0
1260	5	0.1
1280	7	0.1
1300	9	0.1
1320	9	0.1
1340	16	0.2
1360	38	0.4
1380	42	0.4
1400	1635	16.4
1420	8987	89.9
1440	19528	195.3
1460	28477	284.8
1480	37611	376.1
1500	46806	468.1
1520	56221	562.2
1540	66805	668.0
1560	78169	781.7
1580	90049	900.5
1600	104137	1041.4
1620	120117	1201.2
1640	136170	1361.7
1660	151515	1515.2
1680	163148	1631.5
1700	171316	1713.2
1720	176085	1760.8
1740	177925	1779.3
1760	178206	1782.1
1780	177973	1779.7
1800	178044	1780.4
1820	180095	1801.0
1840	180786	1807.9
1860	181798	1818.0
1880	184573	1845.7
1900	187243	1872.4
1920	187934	1879.3
1940	189312	1893.1
1960	190230	1902.3
1980	190266	1902.7
2000	190713	1907.1

【AVIS 性能確認試験】

(1)　3.3.1　測定パラメータの再評価

（デッドタイム補正係数の評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.20 10:39:44
Results file name:	OAKK3944.RTS
Inspection number:	
Item id:	K7-436
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Long
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	12.497 +- 0.166
Passive doubles bkgrnd:	0.047 +- 0.009
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	2.012
Passive scaler2 bkgrnd:	5.655
Number passive cycles:	119
Count time (sec):	30

Results

Singles:	43768.328 +-	5.766
Doubles:	36535.842 +-	15.555
Triples:	16593.361 +-	38.244
Quads:	4138.542 +-	90.002
Quads/Triples:	0.249 +-	0.005
Scaler 1:	15752.546 +-	2.668
Scaler 2:	6733.300 +-	1.538

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	43780.903	36572.887	15955.266	Pass
2	43749.137	36421.620	16444.478	Pass
3	43745.803	36261.520	15883.261	Pass
4	43787.437	36438.353	16842.623	Pass
5	43868.237	36733.220	16863.924	Pass
6	43709.837	36607.320	16710.099	Pass
7	43802.203	36774.053	16993.475	Pass
8	43695.203	36549.520	16606.171	Pass
9	43744.003	36318.887	16329.316	Pass
10	43711.570	36553.220	16194.764	Pass
11	43744.870	36438.520	16353.324	Pass
12	43825.570	36420.387	16496.707	Pass
13	43739.070	36474.020	16937.499	Pass
14	43790.703	36629.987	16273.800	Pass
15	43901.937	36433.620	16125.352	Pass
16	43723.970	36522.653	16280.538	Pass
17	43823.670	36608.387	16520.105	Pass
18	43776.737	36652.820	16713.315	Pass
19	43789.737	36624.820	17146.890	Pass
20	43787.670	36265.053	16001.264	Pass
21	43814.903	36400.120	16589.892	Pass
22	43700.203	36517.420	16690.764	Pass
23	43741.337	36687.153	17266.080	Pass
24	43755.403	36597.620	16490.639	Pass
25	43812.770	36421.387	16538.533	Pass
26	43706.637	36535.520	16476.829	Pass
27	43643.870	36553.253	17115.874	Pass
28	43793.103	36597.320	16535.686	Pass
29	43607.937	36355.587	15569.870	Pass
30	43713.237	36348.853	16072.464	Pass
31	43794.403	36664.987	17119.262	Pass
32	43882.170	36187.287	15702.974	Pass
33	43831.137	36874.120	16994.078	Pass
34	43752.437	36690.287	17326.775	Pass
35	43824.303	36598.020	16751.954	Pass
36	43841.737	36484.820	16592.141	Pass
37	43765.070	36659.453	16747.216	Pass
38	43821.670	36491.420	16394.767	Pass
39	43818.370	36625.853	16667.327	Pass
40	43739.470	36571.587	16440.710	Pass
41	43806.803	36612.620	16878.116	Pass
42	43755.737	36377.787	16203.965	Pass
43	43786.770	36672.853	17431.468	Pass
44	43720.903	36501.253	16743.749	Pass
45	43797.570	36400.720	16260.296	Pass
46	43832.437	36524.853	16811.808	Pass
47	43649.737	36413.153	16428.960	Pass
48	43686.370	36822.387	17268.443	Pass
49	43732.737	36533.987	16797.434	Pass
50	43751.303	36667.820	17002.375	Pass
51	43756.437	36381.620	16126.105	Pass

52	43826.603	36650.887	17072.982	Pass
53	43834.670	36664.087	17063.711	Pass
54	43808.703	36463.153	15786.245	Pass
55	43709.203	36241.320	16718.745	Pass
56	43807.870	36776.220	17334.897	Pass
57	43687.770	36434.153	16122.903	Pass
58	43832.803	36818.053	16679.258	Pass
59	43773.403	36447.720	16338.994	Pass
60	43767.537	36544.353	16477.388	Pass
61	43807.737	36601.553	17008.353	Pass
62	43885.170	36637.920	16362.764	Pass
63	43794.237	36423.253	16510.633	Pass
64	43649.637	36546.487	16625.752	Pass
65	43772.103	36466.820	16384.585	Pass
66	43771.537	36398.487	16264.885	Pass
67	43809.003	36649.353	16852.107	Pass
68	43770.837	36803.387	17155.764	Pass
69	43712.003	36733.387	17009.396	Pass
70	43673.970	36365.487	16638.238	Pass
71	43859.670	36756.987	16773.709	Pass
72	43627.803	36288.820	15964.470	Pass
73	43832.970	36496.853	16921.623	Pass
74	43772.137	36722.220	16897.542	Pass
75	43802.237	36203.053	16184.996	Pass
76	43760.803	36422.653	16332.207	Pass
77	43826.837	36877.287	17369.331	Pass
78	43791.303	36758.287	17006.750	Pass
79	43586.070	36400.020	16263.646	Pass
80	43833.103	36628.453	16682.702	Pass
81	43806.070	36190.020	16666.463	Pass
82	43716.103	36920.220	16623.522	Pass
83	43718.537	36120.820	15658.919	Pass
84	43675.603	36329.253	15996.262	Pass
85	43792.003	36382.020	16094.553	Pass
86	43802.803	36576.853	16848.564	Pass
87	43881.903	36393.287	16056.108	Pass
88	43760.037	36433.887	16018.703	Pass
89	43661.070	36620.620	16879.426	Pass
90	43869.970	36537.587	16732.101	Pass
91	43759.870	36914.487	17700.672	Pass
92	43758.070	36623.920	16603.000	Pass
93	43662.270	36446.587	16633.212	Pass
94	43651.670	36479.987	16285.963	Pass
95	43804.370	36496.087	16514.247	Pass
96	43738.770	36298.120	16222.314	Pass
97	43787.903	36639.187	16777.913	Pass
98	43768.137	36552.653	16070.523	Pass
99	43807.870	36532.253	17127.802	Pass
100	43693.237	36906.653	17545.011	Pass
101	43848.037	36641.153	16561.787	Pass
102	43807.937	36588.620	16912.858	Pass
103	43737.370	36358.553	16555.941	Pass
104	43724.437	35955.253	15670.190	Fail outlier test
105	43815.803	36712.987	16298.575	Pass

106	43746.070	36330.253	16316.215	Pass
107	43734.203	36316.320	16576.948	Pass
108	43779.903	36387.687	16481.685	Pass
109	43730.103	36710.420	16918.436	Pass
110	43865.637	36408.087	16445.615	Pass
111	43683.737	36478.920	16926.953	Pass
112	43866.170	36875.587	16934.058	Pass
113	43694.637	36250.953	15801.964	Pass
114	43746.503	36648.020	16907.288	Pass
115	43788.770	36680.453	16900.286	Pass
116	43788.137	36674.687	16312.687	Pass
117	43829.270	36567.487	16120.774	Pass
118	43848.737	36479.853	16881.323	Pass
119	43756.403	36475.020	16450.555	Pass
120	43724.403	36492.953	16745.799	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.20 13:45:54
Results file name:	OAKN4554.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Long
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	12.497 +- 0.166
Passive doubles bkgrnd:	0.047 +- 0.009
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	2.012
Passive scaler2 bkgrnd:	5.655
Number passive cycles:	119
Count time (sec):	30

Results

Singles:	130754.724 +- 9.546
Doubles:	107140.774 +- 43.762
Triples:	44593.887 +- 162.166
Quads:	6178.400 +- 499.761
Quads/Triples:	0.136 +- 0.011
Scaler 1:	46918.557 +- 4.377
Scaler 2:	20125.397 +- 2.325

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	130766.470	106731.987	45446.143	Pass
2	130689.937	107783.687	49539.231	Pass
3	130768.037	107228.387	44866.995	Pass
4	130746.170	106513.687	44281.630	Pass
5	130780.203	106168.220	42857.219	Pass
6	130673.570	107740.420	44262.653	Pass
7	130684.170	107557.187	45223.216	Pass
8	130701.803	107474.720	44418.022	Pass
9	130712.537	107382.887	47462.960	Pass
10	130689.303	106798.887	43556.001	Pass
11	130744.537	107326.520	46286.376	Pass
12	130730.870	107399.520	46151.339	Pass
13	130775.337	107142.353	45506.461	Pass
14	130849.770	106537.687	44702.348	Pass
15	130628.103	107257.753	44498.225	Pass
16	130777.603	107385.987	43782.164	Pass
17	130591.637	107184.287	44068.373	Pass
18	130706.137	107268.053	46614.455	Pass
19	130804.670	107287.653	43895.957	Pass
20	130910.437	107903.920	45750.464	Pass
21	130809.170	107366.520	45645.014	Pass
22	130897.037	107322.553	44904.016	Pass
23	130659.370	107379.653	45108.004	Pass
24	130592.237	107702.787	47094.130	Pass
25	130762.037	106810.020	45353.864	Pass
26	130835.270	106638.420	41013.276	Pass
27	130777.703	107796.287	45816.613	Pass
28	130773.503	106397.187	44039.872	Pass
29	130659.903	106792.120	43810.605	Pass
30	130845.437	107960.787	47808.150	Pass
31	130674.537	106782.920	43896.107	Pass
32	130746.837	106942.187	42964.344	Pass
33	130840.270	107407.720	46029.010	Pass
34	130709.437	107906.620	48394.392	Pass
35	130774.437	107460.487	43497.784	Pass
36	130747.303	107543.253	42919.938	Pass
37	130844.203	107111.953	41365.209	Pass
38	130900.603	107029.220	42643.068	Pass
39	130895.670	107083.587	43207.220	Pass
40	130810.703	107313.387	43188.840	Pass
41	130885.837	107300.087	44110.879	Pass
42	130850.037	106858.220	43582.323	Pass
43	130778.537	107084.753	46393.305	Pass
44	130694.170	106937.787	42738.455	Pass
45	130757.637	107026.187	42150.810	Pass
46	130604.470	107407.987	43756.408	Pass
47	130598.137	107033.620	45433.267	Pass
48	130875.603	108024.053	44376.545	Pass
49	130801.603	107369.653	46787.803	Pass
50	130867.837	107310.120	43857.646	Pass
51	130866.003	106886.653	45866.649	Pass

52	130637.470	106445.120	44052.631	Pass
53	130970.703	107439.420	46546.099	Pass
54	130742.403	107513.687	45332.402	Pass
55	130671.970	106715.020	43793.783	Pass
56	130871.637	107194.753	44382.438	Pass
57	130769.070	107814.387	44580.974	Pass
58	130683.437	107000.820	45278.042	Pass
59	130730.203	107097.220	42190.885	Pass
60	130760.037	107053.487	45015.281	Pass
61	130830.037	107304.853	45508.196	Pass
62	130791.103	106999.320	43225.038	Pass
63	130683.203	107407.787	45433.385	Pass
64	130554.903	106195.320	43157.574	Pass
65	130471.703	106675.453	46042.069	Pass
66	130961.037	106935.787	45059.991	Pass
67	130660.870	106790.153	43910.376	Pass
68	130760.537	106500.753	43300.187	Pass
69	130561.937	106660.787	43662.290	Pass
70	130901.437	108272.353	46486.740	Pass
71	130777.270	106623.687	42897.346	Pass
72	130903.903	107715.587	47547.159	Pass
73	130811.437	108084.887	46009.800	Pass
74	130696.037	106862.653	44682.260	Pass
75	130875.003	107580.520	46628.411	Pass
76	130912.870	106571.253	42464.753	Pass
77	130754.637	107024.920	44808.108	Pass
78	130671.937	106970.720	44417.885	Pass
79	130911.503	107707.020	47753.725	Pass
80	130661.870	107120.320	40736.335	Pass
81	130850.670	107498.187	46205.802	Pass
82	130824.003	107604.553	46061.776	Pass
83	130591.137	107641.087	49475.641	Pass
84	130562.437	107236.520	46242.353	Pass
85	130656.737	108042.020	46410.872	Pass
86	130768.970	107782.353	45785.438	Pass
87	130804.337	106908.587	43298.313	Pass
88	130684.737	107810.887	45530.082	Pass
89	130773.503	106824.353	41614.391	Pass
90	130843.870	107262.753	42483.701	Pass
91	130850.937	107451.620	46998.185	Pass
92	130620.170	107483.620	50762.645	Fail outlier test
93	130742.237	106089.920	44953.524	Pass
94	130810.803	106612.087	41713.244	Pass
95	130889.370	106607.287	41948.806	Pass
96	130659.403	106139.487	43591.083	Pass
97	130802.537	106729.487	45417.655	Pass
98	130702.437	107120.720	42976.352	Pass
99	130864.937	106074.653	40492.236	Pass
100	130778.937	106667.020	42514.436	Pass
101	130601.903	107269.987	45227.771	Pass
102	130702.337	107354.053	42709.937	Pass
103	130817.003	107083.320	44449.129	Pass
104	130651.303	106950.587	43049.009	Pass
105	130914.203	107734.087	44629.075	Pass

106	130568.037	106353.687	44277.287	Pass
107	130876.870	106805.153	44303.435	Pass
108	130898.370	107566.387	46608.888	Pass
109	130761.637	106668.153	44800.477	Pass
110	130635.637	107249.353	43647.065	Pass
111	130581.103	106706.753	44713.878	Pass
112	130742.403	107244.620	42098.283	Pass
113	130930.070	107659.420	41556.781	Pass
114	130823.837	107366.487	47630.807	Pass
115	130680.837	106269.487	42315.293	Pass
116	130721.303	107315.587	46271.393	Pass
117	130697.670	106556.587	44326.436	Pass
118	130629.137	107652.387	43959.008	Pass
119	130512.803	107188.987	46400.204	Pass
120	130746.737	106314.820	44153.375	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.20 14:55:23
Results file name:	OAKO5523.RTS
Inspection number:	
Item id:	K7&Q2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Long
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.0000
Coefficient B deadtime:	0.0000
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	12.497 +- 0.166
Passive doubles bkgrnd:	0.047 +- 0.009
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	2.012
Passive scaler2 bkgrnd:	5.655
Number passive cycles:	120
Count time (sec):	30

Results

Singles:	173714.876 +-	11.390
Doubles:	140963.655 +-	60.185
Triples:	55832.353 +-	239.499
Quads:	3870.201 +-	814.503
Quads/Triples:	0.065 +-	0.015
Scaler 1:	62744.006 +-	5.478
Scaler 2:	26717.819 +-	2.961

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	173801.103	140947.353	56106.969	Pass
2	173481.503	140997.287	55635.144	Pass
3	173744.070	140567.520	53756.474	Pass
4	173791.637	142028.153	58321.589	Pass
5	173831.337	139457.387	51684.047	Pass
6	173366.770	140765.220	56160.823	Pass
7	173710.570	141388.887	53032.568	Pass
8	173740.770	141370.953	54275.031	Pass
9	173415.503	140890.253	59428.507	Pass
10	173723.270	140558.353	55972.158	Pass
11	173489.303	139280.720	52020.493	Pass
12	173743.703	141635.087	56464.924	Pass
13	173761.870	141320.720	56108.219	Pass
14	173607.670	140523.320	55291.152	Pass
15	173692.737	142023.120	57123.735	Pass
16	173455.970	140215.020	53972.864	Pass
17	173795.470	140889.120	57928.314	Pass
18	173644.803	140727.087	56847.737	Pass
19	173774.670	140777.120	49962.246	Pass
20	173691.737	140105.287	53590.872	Pass
21	173793.237	141302.553	54375.525	Pass
22	173620.303	141346.087	57030.465	Pass
23	173723.270	141126.053	59564.982	Pass
24	173709.170	141622.853	60277.279	Pass
25	173752.770	140777.853	53706.843	Pass
26	173818.403	140844.887	56800.501	Pass
27	173776.503	140811.687	52514.440	Pass
28	173930.770	141216.720	52960.288	Pass
29	173874.403	141598.853	58165.082	Pass
30	173664.203	142161.253	55919.946	Pass
31	173640.170	139625.053	52907.287	Pass
32	173685.137	141999.853	60449.387	Pass
33	173893.437	140884.587	52994.756	Pass
34	173676.403	141306.653	56715.823	Pass
35	173677.370	142304.953	60360.543	Pass
36	173654.503	140946.053	57634.678	Pass
37	173612.437	140350.953	53017.568	Pass
38	173718.503	140478.753	54415.861	Pass
39	173823.737	141429.987	56464.481	Pass
40	173779.637	141566.020	58417.412	Pass
41	173707.003	141456.887	58066.237	Pass
42	173512.970	140310.520	53916.764	Pass
43	173669.337	141466.887	58571.306	Pass
44	173664.270	142060.953	56284.727	Pass
45	173717.970	141973.953	57700.858	Pass
46	173589.003	140444.387	52356.466	Pass
47	173734.870	141744.520	55805.983	Pass
48	173855.537	141155.953	56053.486	Pass
49	173789.403	141776.887	54778.863	Pass
50	173705.037	140634.320	52893.558	Pass
51	173794.237	141240.620	56322.045	Pass

52	173801.203	140767.553	60928.244	Pass
53	173690.137	141050.187	55016.309	Pass
54	173709.770	141941.820	58300.869	Pass
55	173539.370	141152.587	59992.190	Pass
56	173805.003	139991.487	57042.963	Pass
57	173594.037	141507.787	61429.123	Pass
58	173657.803	140403.753	57755.489	Pass
59	173795.437	141009.553	57858.640	Pass
60	173684.637	140503.020	55247.793	Pass
61	174018.370	141282.220	55131.400	Pass
62	173811.537	142272.120	57250.957	Pass
63	173700.070	141178.920	56909.579	Pass
64	174052.337	141200.887	53494.007	Pass
65	173782.737	141410.687	57066.850	Pass
66	173926.203	140921.487	57904.783	Pass
67	173803.637	140502.420	56404.424	Pass
68	173833.937	140964.987	54014.672	Pass
69	173800.770	140100.053	54694.551	Pass
70	173839.770	141205.653	55270.075	Pass
71	173495.570	141222.053	60080.014	Pass
72	173591.370	141866.987	53421.089	Pass
73	173820.537	140798.720	56665.035	Pass
74	173694.270	140509.820	55652.845	Pass
75	173747.403	141216.287	59433.985	Pass
76	173717.070	140574.587	57279.241	Pass
77	173528.837	140668.553	57457.382	Pass
78	173728.337	141563.953	54939.835	Pass
79	173856.337	140739.753	53189.821	Pass
80	173621.237	140786.587	60874.027	Pass
81	173592.737	139886.853	53249.142	Pass
82	173919.770	140700.887	54806.392	Pass
83	173754.170	139763.420	53068.756	Pass
84	173689.503	141543.687	58532.717	Pass
85	173615.770	140983.787	56116.182	Pass
86	173682.837	141508.653	53796.585	Pass
87	173712.770	140403.753	56089.982	Pass
88	173728.237	141498.920	53581.017	Pass
89	173591.903	141973.553	58813.082	Pass
90	173810.270	139992.653	49273.674	Pass
91	173903.903	140703.820	53680.996	Pass
92	173834.437	141410.353	56342.100	Pass
93	173734.670	139718.820	54731.106	Pass
94	173849.270	141336.287	56009.818	Pass
95	174027.137	140106.020	57586.538	Pass
96	173394.570	140182.420	51774.210	Pass
97	173802.370	142380.620	59753.953	Pass
98	173695.203	140215.187	52383.376	Pass
99	173629.503	141327.720	51453.232	Pass
100	173709.337	140470.720	49949.004	Pass
101	173574.637	140456.920	58740.568	Pass
102	173546.437	140325.220	60494.674	Pass
103	173871.837	142080.153	61809.044	Pass
104	173727.670	140307.920	51512.512	Pass
105	173691.903	141428.920	58873.465	Pass

106	173629.137	140469.287	55029.612	Pass
107	173827.103	141824.453	57356.785	Pass
108	173534.603	140359.020	53100.618	Pass
109	173675.703	140906.053	54658.990	Pass
110	173537.070	141088.187	57409.357	Pass
111	173601.203	140559.853	55103.255	Pass
112	173778.303	141549.887	57014.007	Pass
113	173637.037	141135.887	54904.702	Pass
114	173704.137	141066.853	53608.779	Pass
115	173709.603	140619.853	52957.511	Pass
116	173574.170	140197.153	54132.449	Pass
117	173906.670	141313.820	56255.889	Pass
118	173711.037	140129.953	56252.710	Pass
119	173700.570	139808.553	52986.277	Pass
120	173691.703	140152.487	54837.304	Pass

【AVIS 性能確認試験】

(2)　3.3.2　測定パラメータの再評価

（中性子検出効率の評価）

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.10.21 10:05:28
Results file name:	OALK0528.NOR
Inspection number:	
Measurement option:	Normalization
Data source:	Shift register
QC tests:	On
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6250
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Passive singles bkgrnd:	13.467 +- 0.123
Passive doubles bkgrnd:	0.090 +- 0.016
Passive triples bkgrnd:	0.010 +- 0.004
Passive scaler1 bkgrnd:	2.253
Passive scaler2 bkgrnd:	4.678
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	11601667
Shift register reals + accidentals sum:	12499712
Shift register accidentals sum:	5383976
Shift register 1st scaler sum:	3369239
Shift register 2nd scaler sum:	2198033

Passive summed multiplicity distributions

	R+A sums	A sums
0	4709681	8421424
1	3549295	1793519
2	1930690	846123

3	863078	353052
4	348074	126440
5	131090	41777
6	46796	13389
7	15603	4165
8	5161	1271
9	1532	363
10	470	101
11	129	27
12	44	6
13	10	0
14	5	0
15	8	0
16	0	0
17	1	0

Results

Singles:	19333.969 +- 10.568
Doubles:	11887.277 +- 13.760
Triples:	4151.365 +- 15.143
Quads:	854.634 +- 13.826
Quads/Triples:	0.206 +- 0.003
Scaler 1:	5613.145 +- 2.896
Scaler 2:	3658.710 +- 3.246

Normalization results for reference source: H4-694

Current normalization constant:	1.0000 +- 0.0000
Cf252 expected doubles rate:	11828.1130 +- 6.4115
Cf252 measured doubles rate:	11887.2773 +- 13.7600
Doubles rate expected/measured:	0.9950 +- 0.0013
New normalization constant:	1.0000 +- 0.0000
Normalization test Passed.	

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	579412	624249	268575	168053	110007	Pass
2	580394	626114	269486	168585	109739	Pass
3	583117	631842	272020	169029	110221	Pass
4	580884	624787	269941	168735	110089	Pass
5	579138	621039	268321	168440	109635	Pass
6	580180	626488	269286	168896	109922	Pass
7	580471	627358	269557	168623	110310	Pass
8	580251	623193	269353	168624	110008	Pass
9	580517	624079	269600	168472	109838	Pass
10	577653	621611	266946	167944	109379	Pass
11	577779	620386	267063	167705	109082	Pass
12	579788	624549	268923	167812	110379	Pass
13	580283	627239	269383	168493	109429	Pass
14	581352	626704	270376	168427	110451	Pass
15	579980	627344	269100	168918	109322	Pass
16	581169	626563	270206	169003	110262	Pass

17	577002	619457	266345	167942	109457	Pass
18	581726	626588	270724	168507	110778	Pass
19	580174	625036	269282	168563	109716	Pass
20	580397	625086	269489	168468	110009	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	19311.565	11883.476	4180.028	Pass
2	19344.337	11915.398	4206.062	Pass
3	19435.210	12022.246	4298.733	Pass
4	19360.689	11855.882	4087.548	Pass
5	19302.421	11784.699	4078.956	Pass
6	19337.195	11934.566	4231.522	Pass
7	19346.906	11954.593	4150.489	Pass
8	19339.564	11822.240	4083.407	Pass
9	19348.441	11843.602	4114.433	Pass
10	19252.863	11849.680	4121.496	Pass
11	19257.068	11804.848	4114.716	Pass
12	19324.113	11881.890	4125.436	Pass
13	19340.632	11956.422	4261.816	Pass
14	19376.307	11905.420	4099.958	Pass
15	19330.520	11969.371	4279.419	Pass
16	19370.200	11906.381	4117.955	Pass
17	19231.138	11797.761	4103.137	Pass
18	19388.789	11889.935	4122.119	Pass
19	19336.995	11886.186	4128.649	Pass
20	19344.437	11880.951	4120.958	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	JM2G
Detector type:	PASS
Detector id:	JENMC
Electronics id:	AMSR
Measurement date:	20.10.21 10:18:30
Results file name:	OALK1830.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	24.00
2nd gate length:	64.00
High voltage:	1720
Die away time:	19.1000
Efficiency:	0.6250
Multiplicity deadtime:	33.5000
Coefficient A deadtime:	0.1210
Coefficient B deadtime:	0.0061
Coefficient C deadtime:	-0.7650
Doubles gate fraction:	0.6210
Triples gate fraction:	0.4000
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	13.467 +- 0.123
Passive doubles bkgrnd:	0.090 +- 0.016
Passive triples bkgrnd:	0.010 +- 0.004
Passive scaler1 bkgrnd:	2.253
Passive scaler2 bkgrnd:	4.678
Number passive cycles:	20
Count time (sec):	30

Passive summed raw data

Shift register singles sum:	74146716
Shift register reals + accidentals sum:	264962271
Shift register accidentals sum:	219909554
Shift register 1st scaler sum:	21546214
Shift register 2nd scaler sum:	14027115

Passive summed multiplicity distributions

	R+A sums	A sums
0	5322636	9507201
1	10157426	12997392
2	12615251	13637018
3	12502125	11992205
4	10675631	9286436
5	8168719	6544536
6	5729812	4276058
7	3747504	2624692
8	2308809	1529144
9	1349560	848244
10	754322	452332
11	404714	232748
12	209727	115618
13	104716	55592
14	51487	26139
15	24018	11913
16	11286	5363
17	5053	2323
18	2301	1048
19	943	426
20	420	184
21	167	70
22	58	26
23	17	5
24	2	0
25	8	0
26	2	0
27	0	0
28	1	0
29	1	0

Results

Singles:	124030.109 +-	22.402
Doubles:	76226.093 +-	53.122
Triples:	26521.113 +-	111.564
Quads:	4271.480 +-	220.699
Quads/Triples:	0.161 +-	0.008
Scaler 1:	35908.103 +-	8.597
Scaler 2:	23373.847 +-	8.079

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3711645	13276199	11021049	1078442	702205	Pass
2	3705218	13235394	10982913	1076472	701066	Pass
3	3707306	13264369	10995288	1076571	701812	Pass
4	3710618	13270871	11014948	1078541	701506	Pass
5	3705253	13216791	10983124	1077472	701079	Pass
6	3703692	13223798	10973872	1076472	699458	Pass
7	3707478	13252284	10996309	1077920	700346	Pass
8	3708656	13248924	11003298	1078905	700694	Pass
9	3700899	13205001	10957331	1074709	699417	Pass

10	3712511	13280254	11026186	1077873	702905	Pass
11	3709414	13262988	11007802	1077335	701163	Pass
12	3708916	13264669	11004837	1077748	702686	Pass
13	3703285	13214541	10971458	1077067	699915	Pass
14	3706401	13246438	10989935	1078505	701375	Pass
15	3708426	13253907	11001939	1077414	701685	Pass
16	3705120	13238255	10982342	1074996	701252	Pass
17	3709312	13256782	11007188	1076110	703113	Pass
18	3710434	13268129	11013849	1078706	702392	Pass
19	3705471	13236531	10984416	1077388	702464	Pass
20	3706661	13246146	10991470	1077568	700582	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	124174.837	76312.510	26646.869	Pass
2	123958.982	76220.192	26543.846	Pass
3	124029.108	76782.564	27451.883	Pass
4	124140.344	76338.348	26209.287	Pass
5	123960.157	75583.568	25752.080	Pass
6	123907.730	76133.261	26926.491	Pass
7	124034.885	76339.128	27227.558	Pass
8	124074.449	75989.297	25712.593	Pass
9	123813.927	76056.055	26741.058	Pass
10	124203.922	76276.166	26433.774	Pass
11	124099.907	76313.033	25880.100	Pass
12	124083.181	76470.093	26405.726	Pass
13	123894.061	75901.580	26291.964	Pass
14	123998.713	76356.659	26823.817	Pass
15	124066.724	76203.832	26684.325	Pass
16	123955.690	76336.295	26937.659	Pass
17	124096.481	76123.774	25991.142	Pass
18	124134.164	76282.693	27223.372	Pass
19	123967.479	76207.886	26028.569	Pass
20	124007.446	76294.917	26508.985	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.21 11:01:38
Results file name:	OALL0138.RTS
Inspection number:	
Item id:	H4-694
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.233 +- 0.168
Passive doubles bkgrnd:	0.018 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	1.847
Passive scaler2 bkgrnd:	5.103
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	20577.601 +-	9.263
Doubles:	17344.345 +-	24.359
Triples:	8204.156 +-	43.618
Quads:	2170.106 +-	91.058
Quads/Triples:	0.264 +-	0.010
Scaler 1:	7405.093 +-	3.795
Scaler 2:	3150.075 +-	1.618

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	20535.460	17305.431	8081.964	Pass
2	20560.267	17278.596	8071.240	Pass
3	20564.413	17154.074	8030.227	Pass
4	20632.750	17311.185	8012.822	Pass
5	20592.764	17412.892	8257.843	Pass
6	20554.517	17416.890	8170.409	Pass
7	20521.585	17364.312	8588.363	Pass
8	20595.639	17379.776	8329.883	Pass
9	20522.087	17250.304	8319.147	Pass
10	20576.315	17392.119	8182.116	Pass
11	20520.916	17210.997	8063.578	Pass
12	20543.350	17150.381	8035.043	Pass
13	20529.074	17399.895	8386.742	Pass
14	20592.898	17297.370	7907.843	Pass
15	20647.294	17525.439	8146.661	Pass
16	20635.258	17525.713	8542.519	Pass
17	20582.600	17281.223	8066.467	Pass
18	20596.943	17383.270	8184.830	Pass
19	20632.483	17510.643	8566.458	Pass
20	20615.398	17336.382	8137.464	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.21 11:14:07
Results file name:	0ALL1407.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.233 +- 0.168
Passive doubles bkgrnd:	0.018 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	1.847
Passive scaler2 bkgrnd:	5.103
Number passive cycles:	20
Count time (sec):	30

Results

Singles:	131860.370 +- 26.854
Doubles:	111328.593 +- 110.659
Triples:	51761.457 +- 377.076
Quads:	5906.315 +- 1158.889
Quads/Triples:	0.112 +- 0.022
Scaler 1:	46934.605 +- 13.751
Scaler 2:	20140.540 +- 5.997

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131868.766	111067.358	53538.298	Pass
2	131849.126	111568.784	50900.144	Pass
3	131875.086	111664.870	52818.872	Pass
4	131725.273	110569.210	49373.703	Pass
5	131990.038	111063.960	48980.167	Pass
6	131714.502	111312.711	51837.851	Pass
7	131768.324	110716.780	51824.388	Pass
8	132060.887	111995.886	52844.639	Pass
9	131903.934	110538.717	51261.484	Pass
10	131821.739	111956.595	51622.168	Pass
11	131803.118	110573.614	49032.008	Pass
12	131729.520	111314.201	54362.083	Pass
13	132009.815	111683.819	51475.257	Pass
14	131802.574	111291.314	53085.753	Pass
15	131606.180	110984.745	49482.875	Pass
16	132006.960	111267.887	50618.565	Pass
17	132022.081	111715.320	51623.149	Pass
18	131896.697	111360.057	54763.937	Pass
19	131826.258	111685.383	52770.720	Pass
20	131926.530	112240.649	52996.247	Pass

【AVIS 性能確認試験】

(3)　3.3.3　測定パラメータの再評価

（ダイアウェイタイムの評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.22 10:20:41
Results file name:	OAMK2041.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	GW8

Predelay:	1.50		
Gate length:	8.00		
2nd gate length:	64.00		
High voltage:	1740		
Die away time:	30.0000		
Efficiency:	0.6750		
Multiplicity deadtime:	0.0000		
Coefficient A deadtime:	0.2904		
Coefficient B deadtime:	0.0211		
Coefficient C deadtime:	0.0000		
Doubles gate fraction:	0.7930		
Triples gate fraction:	0.6225		
Normalization constant:	1.0000	+-	0.0000
Passive singles bkgrnd:	11.290	+-	0.195
Passive doubles bkgrnd:	0.032	+-	0.007
Passive triples bkgrnd:	0.000	+-	0.000
Passive scaler1 bkgrnd:	1.742		
Passive scaler2 bkgrnd:	5.242		
Number passive cycles:	100		
Count time (sec):	30		

Results

Singles:	131845.841	+-	13.437
Doubles:	32266.661	+-	11.853
Triples:	3680.630	+-	10.636
Quads:	39.672	+-	9.710
Quads/Triples:	0.010	+-	0.003
Scaler 1:	46931.952	+-	5.970
Scaler 2:	20107.346	+-	3.155

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	132009.316	32113.301	3675.816	Pass
2	131811.284	32396.112	3868.451	Pass
3	131723.857	32150.295	3747.905	Pass
4	131851.923	32240.882	3642.088	Pass
5	131853.452	32263.062	3565.913	Pass
6	132059.844	32582.957	3860.576	Pass
7	132042.209	32363.405	3630.012	Pass
8	131629.466	32340.757	3721.975	Pass
9	131937.857	32368.208	3755.544	Pass
10	131495.186	32110.136	3552.978	Pass
11	131995.079	32194.493	3651.212	Pass
12	132197.329	32348.721	3722.368	Pass
13	131766.330	32356.068	3603.463	Pass
14	131862.253	32353.229	3726.393	Pass
15	131758.515	32301.135	3880.186	Pass
16	131612.579	32181.326	3619.659	Pass
17	131827.356	32242.418	3681.639	Pass
18	131755.050	32182.553	3611.605	Pass
19	131629.330	32322.158	3722.531	Pass
20	132040.578	32300.351	3471.620	Pass
21	131970.919	32144.427	3553.586	Pass
22	131779.242	32251.215	3503.709	Pass
23	131772.650	32285.371	3713.394	Pass
24	132115.708	32293.297	3677.871	Pass
25	131826.167	32174.697	3663.055	Pass
26	131884.373	32111.686	3666.122	Pass
27	131840.302	32407.744	3839.694	Pass
28	132053.048	32249.137	3683.448	Pass
29	131983.899	32345.331	3647.028	Pass
30	132030.214	32328.656	3616.281	Pass
31	132134.024	32265.690	3629.468	Pass
32	131854.744	32265.845	3651.890	Pass
33	131900.955	32164.590	3736.777	Pass
34	131796.096	32336.849	3696.736	Pass
35	131953.182	32341.856	3719.368	Pass
36	131781.043	32282.194	3692.015	Pass
37	131799.086	32225.183	3727.577	Pass
38	131989.948	32279.441	3600.045	Pass
39	131911.489	32115.091	3617.628	Pass
40	131821.070	32245.234	3513.415	Pass
41	131850.462	32160.655	3656.982	Pass
42	132009.758	32290.503	3678.815	Pass
43	131728.206	32252.815	3779.358	Pass
44	131758.617	32428.553	3731.643	Pass
45	131792.562	32191.527	3675.267	Pass
46	131897.727	32414.727	3706.229	Pass
47	131775.335	32204.042	3674.302	Pass
48	131957.939	32316.582	3837.437	Pass
49	132073.912	32280.852	3501.628	Pass
50	131853.622	32237.711	3690.910	Pass
51	131940.168	32261.034	3645.051	Pass

52	131731.740	32206.509	3607.874	Pass
53	131799.460	32120.835	3793.595	Pass
54	131881.825	32362.002	3732.639	Pass
55	131804.047	32349.045	3775.166	Pass
56	131684.952	32122.711	3534.231	Pass
57	131838.943	32314.219	3682.736	Pass
58	131613.462	32206.096	3524.455	Pass
59	131879.276	32558.218	3823.894	Pass
60	131702.519	32418.916	3800.134	Pass
61	131796.639	32422.850	3674.621	Pass
62	131821.886	32343.117	3810.625	Pass
63	132034.190	32466.476	3825.797	Pass
64	131846.487	32513.229	3771.167	Pass
65	131763.374	32201.679	3637.081	Pass
66	131798.270	32155.873	3488.704	Pass
67	131837.788	32537.634	3872.837	Pass
68	131850.768	32356.480	3760.350	Pass
69	131749.205	32229.392	3720.501	Pass
70	131701.330	32223.714	3705.390	Pass
71	131572.043	32087.892	3745.966	Pass
72	131879.786	32235.739	3651.081	Pass
73	131967.011	32483.715	3865.483	Pass
74	131770.850	32122.750	3498.559	Pass
75	131759.059	32186.954	3562.597	Pass
76	131605.613	32220.083	3744.420	Pass
77	132002.079	32231.065	3701.202	Pass
78	131754.302	31980.218	3667.085	Pass
79	131519.446	32006.123	3510.657	Pass
80	131857.292	32268.916	3680.561	Pass
81	131697.286	32174.082	3603.112	Pass
82	131942.104	32248.341	3493.817	Pass
83	131841.390	32396.464	3926.529	Pass
84	131793.989	32243.664	3712.331	Pass
85	131785.868	32340.459	3689.387	Pass
86	131713.086	32115.354	3682.490	Pass
87	131773.602	32227.300	3624.525	Pass
88	131839.419	32251.951	3772.278	Pass
89	131870.068	32350.185	3543.352	Pass
90	131879.820	32116.839	3576.667	Pass
91	132073.776	32359.302	3913.566	Pass
92	131733.643	32002.711	3657.885	Pass
93	131824.638	32293.686	3711.172	Pass
94	131814.818	32198.108	3637.417	Pass
95	131907.513	32191.597	3463.584	Pass
96	131882.301	32373.228	3732.118	Pass
97	131964.531	32415.425	3853.260	Pass
98	131722.124	32350.527	3797.824	Pass
99	132036.194	32170.632	3566.003	Pass
100	131968.982	32049.681	3497.254	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.22 11:18:04
Results file name:	OAML1804.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	GW16

Predelay:	1.50		
Gate length:	16.00		
2nd gate length:	64.00		
High voltage:	1740		
Die away time:	30.0000		
Efficiency:	0.6750		
Multiplicity deadtime:	0.0000		
Coefficient A deadtime:	0.2904		
Coefficient B deadtime:	0.0211		
Coefficient C deadtime:	0.0000		
Doubles gate fraction:	0.7930		
Triples gate fraction:	0.6225		
Normalization constant:	1.0000	+-	0.0000
Passive singles bkgrnd:	11.290	+-	0.195
Passive doubles bkgrnd:	0.032	+-	0.007
Passive triples bkgrnd:	0.000	+-	0.000
Passive scaler1 bkgrnd:	1.742		
Passive scaler2 bkgrnd:	5.242		
Number passive cycles:	100		
Count time (sec):	30		

Results

Singles:	131849.535	+-	11.654
Doubles:	54384.711	+-	17.530
Triples:	10768.976	+-	29.079
Quads:	550.929	+-	38.010
Quads/Triples:	0.051	+-	0.003
Scaler 1:	46935.980	+-	5.455
Scaler 2:	20106.234	+-	2.781

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	132174.019	54499.832	10922.267	Pass
2	131678.360	54335.797	11022.307	Pass
3	131796.232	54426.319	10729.320	Pass
4	131836.565	54457.677	10771.724	Pass
5	131749.919	54228.316	11066.296	Pass
6	131953.929	54535.349	11031.841	Pass
7	131880.941	54442.585	10426.338	Pass
8	131897.693	54453.517	11020.111	Pass
9	131788.960	54278.872	10668.848	Pass
10	131975.506	54324.033	10695.362	Pass
11	131776.592	54721.191	11069.124	Pass
12	131720.222	54376.390	10733.082	Pass
13	131679.651	54227.141	10939.722	Pass
14	131965.754	54638.612	10992.472	Pass
15	131745.807	54479.066	10712.682	Pass
16	131884.271	54322.109	10651.162	Pass
17	131733.949	54240.359	10623.523	Pass
18	131970.511	54530.416	10468.183	Pass
19	131869.762	54398.007	10896.068	Pass
20	131682.709	54372.646	10678.409	Pass
21	131923.857	54435.644	10533.895	Pass
22	131943.599	54266.035	10547.024	Pass
23	131812.508	54813.888	11193.648	Pass
24	131923.450	54376.169	10605.831	Pass
25	131675.506	54322.488	10643.614	Pass
26	131703.946	54052.142	10290.721	Pass
27	131628.820	53765.352	10567.730	Fail outlier test
28	131731.536	54188.302	10214.626	Pass
29	132066.776	54058.009	10086.948	Pass
30	131857.462	54476.364	10821.429	Pass
31	131649.819	54426.153	10986.158	Pass
32	131594.638	53976.211	10731.335	Pass
33	131881.383	54146.570	10526.450	Pass
34	131843.564	54597.260	10619.610	Pass
35	131991.715	54708.468	10576.512	Pass
36	131910.198	54371.353	11119.351	Pass
37	131914.479	54378.244	10324.797	Pass
38	131807.173	54256.370	10714.802	Pass
39	131828.987	54383.509	11598.152	Pass
40	131770.034	54319.269	10496.685	Pass
41	131766.466	54644.352	11014.024	Pass
42	131742.783	54476.559	11071.256	Pass
43	131919.882	54551.054	10696.024	Pass
44	131733.575	54220.128	10231.959	Pass
45	131869.558	54011.656	10529.186	Pass
46	131621.719	54289.848	10412.117	Pass
47	131963.478	54224.127	11068.322	Pass
48	131966.366	54442.377	10478.204	Pass
49	132040.034	54650.042	11237.862	Pass
50	131751.448	54575.228	10957.323	Pass
51	131962.288	54093.706	10514.037	Pass

52	131628.990	54249.581	10614.554	Pass
53	131722.430	54172.090	10822.885	Pass
54	132034.122	54419.271	10578.507	Pass
55	131942.716	54499.774	10735.685	Pass
56	131860.316	54388.714	10533.173	Pass
57	132017.234	54515.812	10632.069	Pass
58	132079.111	54494.243	10990.907	Pass
59	132023.384	54551.931	10522.828	Pass
60	131926.508	54431.079	11100.499	Pass
61	132113.873	54524.096	11052.018	Pass
62	131915.023	54213.598	10424.893	Pass
63	131717.979	54691.030	10843.984	Pass
64	131713.222	54402.496	10622.450	Pass
65	131821.274	54522.824	11154.761	Pass
66	131759.976	54423.703	11206.236	Pass
67	131928.988	54510.814	10741.685	Pass
68	131749.647	54098.229	10372.049	Pass
69	131715.397	54231.859	10388.527	Pass
70	131932.386	54509.759	10651.528	Pass
71	131919.100	54370.801	10825.507	Pass
72	131803.197	54398.930	10974.491	Pass
73	131745.705	54390.437	10914.838	Pass
74	131941.323	54431.971	10930.656	Pass
75	131715.193	53957.286	10595.119	Pass
76	131855.185	54491.740	10832.075	Pass
77	131773.092	54688.199	11291.055	Pass
78	131741.390	54299.319	10992.285	Pass
79	131895.213	54685.497	10927.760	Pass
80	131744.754	54503.742	11104.432	Pass
81	131848.220	54610.668	11018.554	Pass
82	131857.394	54463.617	11377.133	Pass
83	131906.698	54152.128	10012.468	Pass
84	131772.481	54249.590	10691.515	Pass
85	131876.524	54364.033	10743.385	Pass
86	131870.952	54442.012	10845.947	Pass
87	131921.751	54465.397	10763.947	Pass
88	131848.627	54545.596	11522.866	Pass
89	131805.440	54326.858	10868.370	Pass
90	131814.546	54126.332	10455.684	Pass
91	131798.304	54250.828	10658.838	Pass
92	131990.695	54519.930	10814.366	Pass
93	131853.079	54274.584	10453.078	Pass
94	131875.675	54203.177	10508.046	Pass
95	131888.689	54141.074	10734.917	Pass
96	132086.655	54185.438	11012.703	Pass
97	131954.983	54215.889	10511.374	Pass
98	131870.918	54501.375	10820.932	Pass
99	131868.777	54557.864	10899.482	Pass
100	131768.743	54386.091	10935.168	Pass
101	131808.056	54400.011	10911.965	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.22 13:37:39
Results file name:	OAMN3739.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	GW32
Predelay:	1.50
Gate length:	32.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.290 +- 0.195
Passive doubles bkgrnd:	0.032 +- 0.007
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	1.742
Passive scaler2 bkgrnd:	5.242
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	131837.637 +-	12.669
Doubles:	83131.180 +-	33.956
Triples:	25129.380 +-	67.044
Quads:	2533.981 +-	127.437
Quads/Triples:	0.100 +-	0.005
Scaler 1:	46928.976 +-	5.532
Scaler 2:	20101.877 +-	3.178

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131822.192	83187.854	26368.381	Pass
2	131771.325	83548.200	24792.286	Pass
3	131890.795	83055.197	26106.535	Pass
4	131758.515	83312.451	25724.964	Pass
5	131895.553	83040.315	24814.329	Pass
6	131764.394	83102.160	25297.982	Pass
7	132113.941	83638.634	25345.852	Pass
8	131844.448	83418.986	24948.712	Pass
9	131835.477	82499.128	24433.244	Pass
10	131983.594	83222.924	25356.636	Pass
11	131795.076	83067.539	25415.511	Pass
12	131542.720	83263.008	25628.396	Pass
13	131758.413	83598.209	25009.654	Pass
14	131762.355	82815.034	24658.701	Pass
15	131736.361	83313.578	25513.274	Pass
16	131826.167	83499.103	25723.222	Pass
17	131942.852	84010.204	25772.778	Pass
18	131806.222	82856.437	24036.538	Pass
19	131791.814	83280.770	24662.450	Pass
20	132094.742	83196.064	24903.276	Pass
21	131782.097	83251.477	25522.636	Pass
22	131733.201	82697.516	25797.520	Pass
23	131956.648	83216.731	25514.146	Pass
24	131804.930	83026.390	24813.317	Pass
25	131994.365	83258.097	24520.408	Pass
26	131802.722	82809.805	24985.273	Pass
27	131695.961	82653.227	24625.791	Pass
28	131804.658	83201.388	24717.240	Pass
29	131894.907	83122.384	25697.322	Pass
30	131856.442	83276.999	25218.875	Pass
31	131673.196	82902.278	24433.054	Pass
32	131703.640	83082.963	25586.914	Pass
33	131749.715	83083.312	24718.146	Pass
34	132184.315	83087.733	24964.153	Pass
35	131865.481	83711.187	27446.756	Fail outlier test
36	131598.410	83368.804	25930.121	Pass
37	131952.332	83462.676	26044.826	Pass
38	131868.437	83473.216	25583.249	Pass
39	131775.097	82866.321	24992.020	Pass
40	131750.768	83145.504	25263.593	Pass
41	131623.044	82738.577	24572.655	Pass
42	131936.124	83855.116	25630.715	Pass
43	132188.291	83463.059	24535.765	Pass
44	131813.697	82761.028	24015.131	Pass
45	131861.505	82854.131	23959.738	Pass
46	131973.264	83153.507	25606.710	Pass
47	131802.858	83188.911	25791.906	Pass
48	131764.665	82821.497	25424.071	Pass
49	131980.841	82588.090	25056.228	Pass
50	131916.450	83424.990	25626.710	Pass
51	131740.914	82897.604	24737.197	Pass

52	131843.191	83220.259	25382.440	Pass
53	131798.882	82823.705	23664.814	Pass
54	131837.380	83401.533	25471.480	Pass
55	131845.535	83745.476	26189.602	Pass
56	131874.349	83083.305	24170.733	Pass
57	131880.160	82983.974	24128.887	Pass
58	131798.848	83353.082	24431.241	Pass
59	132002.214	83463.816	25462.259	Pass
60	131931.537	82668.993	24295.486	Pass
61	131629.466	82754.905	24597.422	Pass
62	131774.281	82889.576	25539.231	Pass
63	131766.093	82758.499	24370.672	Pass
64	131707.106	83520.529	25316.445	Pass
65	131795.042	82968.694	25866.144	Pass
66	131932.352	82711.510	24812.950	Pass
67	131744.652	83016.521	24308.833	Pass
68	131837.720	83721.804	25742.633	Pass
69	131647.644	83517.875	25650.382	Pass
70	131734.866	83115.509	25739.574	Pass
71	131593.551	82842.457	24562.644	Pass
72	131774.995	82539.932	23743.591	Pass
73	131782.436	83152.226	23778.629	Pass
74	131913.392	82891.607	24808.959	Pass
75	131991.477	83170.468	25554.198	Pass
76	131982.438	83388.454	24290.703	Pass
77	131821.920	83010.348	25171.923	Pass
78	131839.691	83829.876	26339.668	Pass
79	132006.258	83292.120	25182.748	Pass
80	131710.843	82433.769	23624.720	Pass
81	131847.064	83252.978	26089.487	Pass
82	131983.933	82977.053	25137.588	Pass
83	132049.107	83160.429	24383.783	Pass
84	131877.815	82363.785	24210.695	Pass
85	132012.986	82855.973	24918.539	Pass
86	131796.538	82982.583	25360.117	Pass
87	131783.354	83411.169	25270.519	Pass
88	131928.852	83644.323	26052.667	Pass
89	131825.114	83578.493	26465.315	Pass
90	131717.367	82365.594	25012.993	Pass
91	131546.084	82899.323	24407.044	Pass
92	131940.473	83406.315	25479.100	Pass
93	131895.077	82641.311	24543.170	Pass
94	131743.905	82995.723	24765.887	Pass
95	131701.194	83604.717	26066.931	Pass
96	131771.937	83074.947	25544.981	Pass
97	131990.865	83343.840	26179.435	Pass
98	131991.069	83028.070	26156.590	Pass
99	131961.371	83557.658	25457.727	Pass
100	131695.213	82857.785	25319.629	Pass
101	131985.632	83185.982	25519.328	Pass


```
INCC 5.1.2

              Facility:  JMOX
 Material balance area:  JM2G
         Detector type:
           Detector id:  AVIS R-123
        Electronics id:
      Measurement date:  20.10.23  10:21:05
     Results file name:  OANK2105.RTS
     Inspection number:
               Item id:  Q2-334
    Measurement option:  Rates Only
Detector configuration:  Passive
           Data source:  Shift register
              QC tests:  On
    Error calculation:  Sample method
   Accidentals method:  Measured
       Inspector name:  JAEA
      Passive comment:  GW64

              Predelay:      1.50
          Gate length:     64.00
       2nd gate length:     64.00
         High voltage:   1740
        Die away time:     30.0000
           Efficiency:      0.6750
 Multiplicity deadtime:      0.0000
Coefficient A deadtime:      0.2904
Coefficient B deadtime:      0.0211
Coefficient C deadtime:      0.0000
 Doubles gate fraction:      0.7930
 Triples gate fraction:      0.6225

Normalization constant:      1.0000 +-     0.0000

Passive singles bkgrnd:     11.043 +-     0.139
Passive doubles bkgrnd:      0.060 +-     0.012
Passive triples bkgrnd:      0.007 +-     0.003
Passive scaler1 bkgrnd:      1.725
Passive scaler2 bkgrnd:      4.895

 Number passive cycles:        100
      Count time (sec):         30

Results

                  Singles:    131762.532 +-    12.469
                  Doubles:    111203.469 +-    58.442
                  Triples:     44601.716 +-   188.942
                    Quads:      6391.724 +-   576.435
           Quads/Triples:         0.140 +-     0.013
                 Scaler 1:     46881.874 +-     4.965
                 Scaler 2:     20112.561 +-     3.571
```


Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131749.962	111075.324	44811.478	Pass
2	131844.423	111736.594	42522.653	Pass
3	131811.769	110544.266	44438.833	Pass
4	131832.972	111641.222	46637.964	Pass
5	131760.631	111350.415	45967.375	Pass
6	131442.156	110551.418	41913.204	Pass
7	131986.593	111563.317	44211.977	Pass
8	131737.016	111468.790	45180.815	Pass
9	131521.221	110748.443	45115.346	Pass
10	131704.193	110532.745	40458.939	Pass
11	131729.472	111236.227	43368.410	Pass
12	131675.889	110250.654	43544.793	Pass
13	131601.511	110215.339	43867.615	Pass
14	131696.174	110649.962	43131.760	Pass
15	131874.052	112954.580	45927.949	Pass
16	131802.832	111184.740	44562.227	Pass
17	131929.031	111798.392	46645.265	Pass
18	131734.094	111323.132	44914.423	Pass
19	132012.145	111038.059	42877.099	Pass
20	131873.713	111559.938	47775.354	Pass
21	131584.997	111330.990	43034.435	Pass
22	131894.066	111521.183	45393.906	Pass
23	132045.921	111276.095	44060.247	Pass
24	131779.523	110283.029	44323.902	Pass
25	131882.140	111768.954	43791.298	Pass
26	131622.271	110778.636	46982.795	Pass
27	131717.070	110569.107	41578.877	Pass
28	131537.293	111086.752	45544.010	Pass
29	131605.622	110530.967	43277.464	Pass
30	131696.276	111874.234	44989.670	Pass
31	131731.511	110464.667	43348.065	Pass
32	131798.857	111606.971	43479.639	Pass
33	131719.109	111015.384	46490.178	Pass
34	131771.130	111868.595	46395.248	Pass
35	131816.900	110701.288	45365.809	Pass
36	131790.600	112064.008	43611.533	Pass
37	131651.458	111299.856	45790.609	Pass
38	131749.588	110684.094	44092.010	Pass
39	131725.259	111131.811	45787.332	Pass
40	131668.889	110993.436	45617.419	Pass
41	131691.077	111282.330	43311.110	Pass
42	131872.455	111302.113	43777.781	Pass
43	131839.700	111311.064	43390.718	Pass
44	131709.051	111517.272	45307.472	Pass
45	131918.362	111701.206	45577.572	Pass
46	131527.541	111309.497	43568.651	Pass
47	131702.765	110634.970	44894.326	Pass
48	131681.665	110913.327	44882.842	Pass
49	131808.405	111955.663	46245.310	Pass
50	131655.298	111882.254	44571.928	Pass
51	131704.566	112016.013	49632.654	Pass

52	131799.944	111246.988	45382.141	Pass
53	131649.454	111448.848	47369.614	Pass
54	131849.384	111090.825	42546.579	Pass
55	131620.097	110107.224	42565.741	Pass
56	131780.304	111634.181	43328.885	Pass
57	131877.382	112119.926	49013.584	Pass
58	131732.565	110752.363	40468.568	Pass
59	131677.452	110866.645	44948.396	Pass
60	131864.063	112318.883	45875.025	Pass
61	131799.808	111186.132	44259.005	Pass
62	131519.726	111419.856	45610.578	Pass
63	131638.683	111114.368	44470.695	Pass
64	131802.663	110530.259	44121.519	Pass
65	131842.962	111999.283	45648.115	Pass
66	131955.671	110728.780	40358.416	Pass
67	131707.353	111208.153	47368.399	Pass
68	131838.205	111178.678	44834.860	Pass
69	131741.807	111465.932	46826.962	Pass
70	131741.331	110869.636	42755.432	Pass
71	131754.549	111259.410	45153.674	Pass
72	131904.260	112705.160	49876.823	Pass
73	131905.347	111555.283	47144.959	Pass
74	131677.418	111602.829	47382.405	Pass
75	131669.705	111644.623	46095.445	Pass
76	131925.123	112078.255	43594.222	Pass
77	131578.440	111443.192	44838.842	Pass
78	131487.652	110834.183	43732.465	Pass
79	131632.431	110596.208	41514.164	Pass
80	131725.735	111486.850	46204.618	Pass
81	131699.639	110220.280	45942.330	Pass
82	131677.961	110309.007	42298.702	Pass
83	131744.491	111130.111	43333.804	Pass
84	131658.662	111433.562	47609.279	Pass
85	131647.449	110900.970	44861.709	Pass
86	131973.408	110864.290	44461.477	Pass
87	131900.522	111010.147	40717.548	Pass
88	131698.348	110281.157	43767.989	Pass
89	131809.526	110641.758	41323.666	Pass
90	131782.275	110638.250	44179.420	Pass
91	131801.337	112303.296	44504.647	Pass
92	131934.094	111592.442	43604.524	Pass
93	131825.734	110940.305	42326.067	Pass
94	131858.354	112399.568	47782.975	Pass
95	131999.369	111668.504	44091.847	Pass
96	131806.638	111196.569	45095.137	Pass
97	131886.795	110761.790	43544.896	Pass
98	131949.453	110432.760	43221.709	Pass
99	132012.723	110741.351	45733.406	Pass
100	131667.666	110288.487	42433.409	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.23 11:17:56
Results file name:	OANL1756.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	GW128
Predelay:	1.50
Gate length:	128.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.043 +- 0.139
Passive doubles bkgrnd:	0.060 +- 0.012
Passive triples bkgrnd:	0.007 +- 0.003
Passive scaler1 bkgrnd:	1.725
Passive scaler2 bkgrnd:	4.895
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	131777.504 +-	11.207
Doubles:	127368.414 +-	79.120
Triples:	58247.347 +-	384.256
Quads:	11641.915 +-	1646.117
Quads/Triples:	0.189 +-	0.027
Scaler 1:	46885.483 +-	4.513
Scaler 2:	20117.875 +-	3.150

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131774.970	126949.046	60859.052	Pass
2	131955.637	128672.581	58841.024	Pass
3	131872.523	127337.362	50305.167	Pass
4	131829.574	127115.432	55967.953	Pass
5	131485.341	126054.148	54962.386	Pass
6	131925.327	127889.042	64903.410	Pass
7	131673.102	127704.161	55489.562	Pass
8	131528.493	126753.128	52458.610	Pass
9	131814.487	126967.646	55015.578	Pass
10	131699.130	127555.997	58840.303	Pass
11	131926.279	128023.323	66735.427	Pass
12	131873.339	126074.823	59095.491	Pass
13	131538.652	128249.951	63630.706	Pass
14	131608.034	129052.220	62097.555	Pass
15	131782.139	127806.181	54294.128	Pass
16	131697.669	127890.045	63735.840	Pass
17	131632.906	126565.628	57877.014	Pass
18	131879.897	126115.863	58670.998	Pass
19	131772.387	128395.837	57251.648	Pass
20	131811.463	126845.485	55230.931	Pass
21	131674.597	127802.746	61453.049	Pass
22	131735.555	126634.960	60457.892	Pass
23	131712.143	127951.606	66258.590	Pass
24	131758.660	125459.381	54977.255	Pass
25	131822.642	127469.760	60281.762	Pass
26	131788.256	128031.562	54617.192	Pass
27	131759.951	127022.954	52752.152	Pass
28	131889.717	127017.869	58497.084	Pass
29	131782.241	127219.976	52664.508	Pass
30	131979.899	126684.189	58594.197	Pass
31	131700.115	127361.085	59073.516	Pass
32	131821.249	126439.137	53558.827	Pass
33	131788.120	127971.260	60037.689	Pass
34	131917.172	126861.465	58509.132	Pass
35	131679.354	127006.199	61441.668	Pass
36	131833.821	127632.954	61809.449	Pass
37	131845.170	127726.991	56939.542	Pass
38	131800.216	126285.145	59958.941	Pass
39	131886.761	128211.756	60420.417	Pass
40	131723.152	127073.686	54815.946	Pass
41	131751.049	126283.897	61465.440	Pass
42	131811.905	126332.503	59031.917	Pass
43	131855.840	127339.273	65140.133	Pass
44	131829.030	128235.791	59707.063	Pass
45	131870.485	126630.188	57184.957	Pass
46	131837.695	127480.049	51469.852	Pass
47	131883.431	128420.479	56296.595	Pass
48	131950.030	127519.811	57328.892	Pass
49	131735.147	127574.889	62419.985	Pass
50	131967.632	125356.332	56393.885	Pass
51	131843.675	126959.267	61043.914	Pass

52	131905.891	127430.343	55718.194	Pass
53	131777.009	127490.791	64682.086	Pass
54	131953.462	128818.003	57530.130	Pass
55	131646.192	125731.686	53762.254	Pass
56	131873.849	128628.311	61906.400	Pass
57	131712.211	127068.849	61767.512	Pass
58	131770.722	128368.899	56695.612	Pass
59	131712.959	128018.097	50305.779	Pass
60	131952.001	128564.383	60334.016	Pass
61	131761.412	127554.181	59338.435	Pass
62	131689.276	128241.637	66275.387	Pass
63	131756.316	128141.237	58343.688	Pass
64	131680.374	127432.149	57545.313	Pass
65	131876.907	127934.313	61553.641	Pass
66	131807.895	126346.521	57807.596	Pass
67	131838.680	126807.212	59348.310	Pass
68	131657.099	127721.819	52969.075	Pass
69	131535.560	127192.408	57937.853	Pass
70	131794.644	126868.139	54958.616	Pass
71	131907.148	129115.897	57664.341	Pass
72	131793.454	126851.541	57197.615	Pass
73	131790.124	129138.006	60767.790	Pass
74	131798.347	126719.974	57198.315	Pass
75	131882.241	127180.410	57860.777	Pass
76	131744.797	127719.737	63220.971	Pass
77	131511.606	126967.115	60103.181	Pass
78	131816.730	126765.155	54355.893	Pass
79	131754.481	126961.729	56295.590	Pass
80	131924.920	128347.734	59981.527	Pass
81	131667.360	126811.745	57667.879	Pass
82	131793.964	126890.418	53912.677	Pass
83	131739.326	127457.672	56618.912	Pass
84	131584.862	127261.552	56925.329	Pass
85	131802.866	127403.397	63690.616	Pass
86	131503.417	127968.372	58053.636	Pass
87	131714.726	127316.464	65084.674	Pass
88	131748.161	127917.063	60749.913	Pass
89	131755.398	128175.178	60779.981	Pass
90	131762.941	127651.835	60223.680	Pass
91	131787.678	126746.976	55460.733	Pass
92	131761.582	126452.636	59138.724	Pass
93	131521.357	126918.333	50727.914	Pass
94	131807.420	127036.861	48402.259	Pass
95	131927.536	126718.284	52699.390	Pass
96	131854.480	127268.084	63104.238	Pass
97	131804.905	128989.531	60348.739	Pass
98	131587.002	127538.858	59719.170	Pass
99	131861.004	126469.586	52262.147	Pass
100	131822.031	127707.223	54943.931	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.23 13:49:29
Results file name:	OANN4929.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	GW256
Predelay:	1.50
Gate length:	256.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	0.0000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.043 +- 0.139
Passive doubles bkgrnd:	0.060 +- 0.012
Passive triples bkgrnd:	0.007 +- 0.003
Passive scaler1 bkgrnd:	1.725
Passive scaler2 bkgrnd:	4.895
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	131768.114 +-	10.640
Doubles:	131063.132 +-	110.114
Triples:	61012.269 +-	775.241
Quads:	17720.255 +-	5170.125
Quads/Triples:	0.238 +-	0.087
Scaler 1:	46885.445 +-	4.507
Scaler 2:	20114.339 +-	2.606

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131637.901	130981.174	67410.572	Pass
2	131875.242	130354.031	49968.238	Pass
3	131513.033	128812.235	62147.052	Pass
4	131645.988	130352.906	57205.016	Pass
5	131877.960	130931.770	64847.624	Pass
6	131821.419	132770.524	67427.353	Pass
7	131848.976	130500.545	62642.690	Pass
8	131692.368	131663.017	49980.698	Pass
9	131793.658	132307.024	55649.515	Pass
10	131706.945	129627.714	69013.946	Pass
11	131930.322	132294.125	49198.626	Pass
12	131843.301	130989.158	59417.887	Pass
13	131799.231	132267.617	61051.839	Pass
14	131848.500	131695.064	49414.220	Pass
15	131860.563	131935.923	69717.217	Pass
16	131796.580	132061.895	62409.666	Pass
17	131821.045	130769.805	45809.584	Pass
18	131776.941	132182.429	67244.744	Pass
19	131712.789	131679.382	61555.368	Pass
20	131896.988	131746.619	67725.370	Pass
21	131628.693	130099.645	58721.999	Pass
22	131790.770	133175.043	69800.908	Pass
23	131871.062	132523.796	62399.642	Pass
24	131733.278	128653.885	55141.830	Pass
25	131705.314	129178.915	58444.294	Pass
26	131714.896	131160.280	48050.134	Pass
27	131673.782	131318.267	57556.011	Pass
28	131655.366	130293.728	60656.865	Pass
29	131718.362	131075.076	60380.493	Pass
30	131737.831	130599.714	52368.292	Pass
31	131872.184	131647.481	54005.780	Pass
32	131781.392	133639.914	72878.420	Pass
33	131694.067	129113.660	60700.024	Pass
34	131806.808	130973.293	61870.446	Pass
35	131757.709	132220.515	62826.882	Pass
36	131759.340	128760.768	54150.911	Pass
37	131857.199	131571.579	65561.683	Pass
38	131826.074	130195.728	52523.072	Pass
39	131715.609	130321.773	42584.567	Pass
40	132043.951	133341.699	74186.329	Pass
41	131466.858	132348.428	62451.924	Pass
42	131652.851	130026.894	56638.651	Pass
43	131863.791	131121.098	62650.219	Pass
44	131714.726	130885.045	66492.144	Pass
45	131872.829	132819.159	71002.600	Pass
46	131610.311	131619.500	60839.125	Pass
47	131741.535	129641.137	49684.798	Pass
48	131733.992	130642.618	62421.110	Pass
49	131839.156	130351.904	53581.833	Pass
50	131692.708	131166.916	62761.714	Pass
51	131764.980	131256.840	53613.723	Pass

52	131930.662	129416.407	64788.077	Pass
53	131595.700	131220.261	45676.807	Pass
54	131710.580	131068.823	51282.932	Pass
55	131640.008	130255.017	57321.402	Pass
56	131825.021	132180.914	69778.076	Pass
57	131733.244	130108.338	66421.859	Pass
58	131778.606	130146.278	62462.696	Pass
59	131916.934	130543.573	51056.120	Pass
60	131930.798	130815.534	68999.465	Pass
61	131783.057	129388.524	55873.100	Pass
62	131681.291	131428.442	70950.326	Pass
63	131827.093	130707.312	63709.919	Pass
64	131896.615	133091.890	68108.628	Pass
65	131842.792	131860.398	47106.014	Pass
66	131746.496	130319.894	67688.960	Pass
67	131696.174	130552.177	61219.444	Pass
68	131687.883	130847.592	67352.212	Pass
69	131772.591	131596.712	63052.775	Pass
70	131690.363	134011.732	76071.689	Pass
71	131837.933	131018.531	57763.383	Pass
72	131662.365	129964.950	62763.451	Pass
73	131897.804	131717.661	57830.799	Pass
74	131643.202	130038.651	56249.398	Pass
75	131543.171	130711.189	67543.630	Pass
76	131657.031	129101.640	43680.451	Pass
77	131905.823	131623.899	67953.056	Pass
78	131872.727	131062.524	65923.752	Pass
79	131735.011	132535.048	62993.941	Pass
80	131673.816	131285.748	74441.524	Pass
81	131619.995	130321.377	56267.748	Pass
82	131823.729	131675.623	64803.129	Pass
83	131618.534	132788.714	77734.949	Pass
84	131700.013	131196.078	51247.429	Pass
85	131867.800	131121.596	58255.282	Pass
86	131854.786	130937.400	62448.328	Pass
87	131959.307	130878.752	67653.935	Pass
88	131781.630	130660.356	64537.602	Pass
89	131785.299	130682.418	60200.855	Pass
90	131900.964	130734.048	57080.771	Pass
91	132006.097	131710.857	60747.776	Pass
92	131832.394	130708.379	64334.615	Pass
93	131724.885	131395.369	71439.294	Pass
94	131763.247	128565.893	35364.956	Fail outlier test
95	131761.650	130805.890	51411.415	Pass
96	131649.488	130147.288	63315.187	Pass
97	131705.959	133135.746	80794.698	Pass
98	131871.300	129228.086	63384.645	Pass
99	131864.402	130134.315	54782.564	Pass
100	131647.823	130396.197	57694.263	Pass
101	131723.390	131367.778	69879.589	Pass

【AVIS 性能確認試験】

(4)　3.3.4　測定パラメータの再評価

（ゲートフラクションの評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.21 11:27:46
Results file name:	0ALL2746.RTS
Inspection number:	
Item id:	Q2-334
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Long
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	11.233 +- 0.168
Passive doubles bkgrnd:	0.018 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	1.847
Passive scaler2 bkgrnd:	5.103
Number passive cycles:	100
Count time (sec):	30

Results

Singles:	131834.931 +- 12.075
Doubles:	111125.267 +- 48.695
Triples:	51840.485 +- 181.406
Quads:	7080.818 +- 509.343
Quads/Triples:	0.134 +- 0.009
Scaler 1:	46916.077 +- 5.392
Scaler 2:	20153.940 +- 3.019

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131942.161	110644.057	48508.193	Pass
2	131880.149	111615.021	54629.744	Pass
3	131792.245	111046.431	49912.019	Pass
4	131934.108	111449.205	51368.578	Pass
5	131958.199	111621.914	53121.270	Pass
6	131957.214	111199.919	53330.348	Pass
7	131961.699	111111.155	51699.618	Pass
8	131959.627	111475.279	53899.993	Pass
9	131936.826	111416.770	54593.350	Pass
10	131906.652	111468.128	50937.012	Pass
11	131836.417	111054.401	50843.074	Pass
12	131916.982	111101.677	49240.517	Pass
13	131780.114	110828.679	53050.233	Pass
14	131887.896	110766.722	49988.267	Pass
15	131901.793	110423.660	52261.350	Pass
16	131911.172	111779.642	53642.436	Pass
17	131763.261	111483.956	52269.615	Pass
18	131767.440	111340.016	51482.768	Pass
19	131957.384	111084.900	50395.034	Pass
20	131709.915	110609.826	51910.180	Pass
21	131863.635	111984.556	52706.794	Pass
22	131970.466	110522.218	47829.725	Pass
23	131947.190	110683.945	50089.562	Pass
24	131603.903	111726.348	53751.525	Pass
25	131774.372	109850.927	50113.530	Pass
26	132024.392	111389.088	52070.906	Pass
27	131993.097	111549.202	49462.354	Pass
28	131725.987	111036.606	53578.073	Pass
29	132131.328	111279.178	51389.577	Pass
30	131816.642	111761.163	53631.005	Pass
31	131932.545	111580.352	54064.373	Pass
32	131906.890	111738.772	53368.778	Pass
33	131853.441	110686.786	51453.235	Pass
34	131727.855	111107.145	50239.462	Pass
35	131913.346	111460.343	50539.975	Pass
36	131660.476	110169.204	48483.652	Pass
37	131725.511	110784.670	51249.946	Pass
38	131869.819	111421.183	50646.859	Pass
39	131910.186	110508.681	51239.545	Pass
40	131798.497	111768.193	52233.199	Pass
41	131724.186	110478.229	51052.940	Pass
42	131967.578	110619.174	50685.903	Pass
43	131584.128	110961.385	50934.329	Pass
44	131889.561	110848.063	52320.956	Pass
45	132056.299	111257.705	49275.821	Pass
46	131684.465	111130.058	51235.956	Pass
47	131707.706	111322.293	55539.929	Pass
48	132007.912	110041.010	48001.404	Pass
49	131802.269	111126.620	50898.079	Pass
50	131690.955	110674.881	50979.972	Pass
51	131670.194	110746.839	54943.017	Pass

52	131873.659	111198.365	53260.738	Pass
53	131939.918	111217.960	52029.604	Pass
54	131686.708	110439.797	51941.657	Pass
55	131812.496	110639.788	51329.552	Pass
56	131669.481	110707.923	50951.500	Pass
57	131837.709	111593.939	53197.365	Pass
58	131758.606	110887.591	51562.338	Pass
59	131723.574	110245.440	48450.197	Pass
60	131738.593	110363.535	51758.990	Pass
61	131990.106	111247.254	51258.493	Pass
62	131755.582	111288.618	53715.808	Pass
63	131680.048	111435.098	50794.464	Pass
64	131683.751	110864.610	51502.372	Pass
65	131809.030	111170.442	50701.886	Pass
66	131893.808	112074.202	55072.472	Pass
67	132063.435	112365.679	53161.135	Pass
68	132074.071	111147.268	53524.624	Pass
69	131974.306	111168.121	48470.809	Pass
70	131699.823	111915.818	55706.221	Pass
71	132068.294	111588.040	52193.549	Pass
72	131824.185	111026.091	52046.252	Pass
73	131695.576	110279.419	49882.303	Pass
74	131842.874	111429.282	53977.173	Pass
75	131709.745	110826.346	54061.375	Pass
76	131822.486	110347.278	52734.675	Pass
77	131696.697	111340.673	52687.362	Pass
78	131824.763	112032.992	53459.088	Pass
79	131888.983	110699.046	51980.783	Pass
80	131982.257	110894.999	52972.175	Pass
81	131892.415	110943.643	50847.473	Pass
82	131945.695	111322.156	48602.795	Pass
83	131790.138	111748.735	53151.530	Pass
84	132048.824	111600.536	52498.029	Pass
85	131840.427	111603.067	52883.050	Pass
86	131870.261	111382.927	52011.798	Pass
87	131750.757	110436.828	50287.155	Pass
88	131843.043	111583.168	55832.504	Pass
89	131808.725	111404.384	53727.191	Pass
90	131650.079	111216.360	52721.903	Pass
91	131738.593	111261.886	50435.324	Pass
92	131851.232	111704.099	56253.781	Pass
93	131773.455	110550.911	50077.864	Pass
94	131787.828	110841.361	50353.041	Pass
95	131767.338	110713.320	49810.670	Pass
96	131718.511	111346.054	51702.147	Pass
97	131671.519	110937.810	50701.754	Pass
98	131749.432	111006.677	51334.496	Pass
99	131608.048	111561.184	52781.027	Pass
100	131770.091	111189.827	52547.509	Pass

【AVIS 性能確認試験】

(5)　3.3.5　測定パラメータの再評価

（検出効率プロファイルの評価）

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 13:41:51
Results file name:	OAQN4151.RTS
Inspection number:	
Item id:	C1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Deg. 0
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	130434.204 +- 38.693
Doubles:	109279.171 +- 188.126
Triples:	50446.768 +- 573.685
Quads:	7167.152 +- 1451.881
Quads/Triples:	0.140 +- 0.028
Scaler 1:	46936.380 +- 18.083
Scaler 2:	20901.740 +- 5.704

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	130384.566	109506.359	49111.597	Pass
2	130263.899	108427.311	47098.714	Pass
3	130509.244	108874.130	51359.265	Pass
4	130585.445	108801.444	52061.961	Pass
5	130457.810	109482.722	52518.624	Pass
6	130229.113	110165.288	52036.613	Pass
7	130363.300	109423.393	51889.163	Pass
8	130456.417	109404.817	48706.266	Pass
9	130574.234	110108.605	50369.916	Pass
10	130518.009	108597.647	49328.389	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 13:49:31
Results file name:	OAQN4931.RTS
Inspection number:	
Item id:	C2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Deg. 90
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	132039.797 +- 54.230
Doubles:	111817.795 +- 185.816
Triples:	52404.595 +- 603.055
Quads:	7214.538 +- 1852.070
Quads/Triples:	0.136 +- 0.036
Scaler 1:	48947.047 +- 24.187
Scaler 2:	19609.823 +- 12.172

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131860.291	110911.019	50440.674	Pass
2	132249.160	112040.731	53628.258	Pass
3	131958.764	111186.667	50467.396	Pass
4	131938.070	111919.884	53806.646	Pass
5	131915.881	112910.902	54359.939	Pass
6	131895.902	111547.472	52085.956	Pass
7	132253.815	112123.391	54610.986	Pass
8	132284.092	112399.615	51334.432	Pass
9	132142.358	111609.556	49350.472	Pass
10	131899.639	111528.717	53951.206	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 13:57:03
Results file name:	OAQN5703.RTS
Inspection number:	
Item id:	C3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Deg. 180
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	132474.778 +- 37.088
Doubles:	112531.258 +- 95.001
Triples:	52190.770 +- 338.936
Quads:	4939.485 +- 920.190
Quads/Triples:	0.094 +- 0.017
Scaler 1:	47239.920 +- 20.133
Scaler 2:	19336.173 +- 8.244

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	132292.791	112594.950	53111.482	Pass
2	132470.584	112774.622	52571.981	Pass
3	132535.014	112690.787	52868.314	Pass
4	132498.619	112801.244	52938.494	Pass
5	132291.704	112342.502	51862.160	Pass
6	132466.778	112859.990	50364.147	Pass
7	132517.955	111888.808	51151.469	Pass
8	132444.248	112333.274	53279.217	Pass
9	132541.777	112348.336	50780.601	Pass
10	132688.311	112678.064	52984.378	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 14:04:02
Results file name:	OAQO0402.RTS
Inspection number:	
Item id:	C4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Deg. 270
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131970.769 +- 27.938
Doubles:	111595.376 +- 105.288
Triples:	51701.211 +- 443.625
Quads:	6155.907 +- 1897.648
Quads/Triples:	0.117 +- 0.036
Scaler 1:	46775.047 +- 16.570
Scaler 2:	19606.983 +- 11.871

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131770.043	111963.570	53256.548	Pass
2	132032.228	111571.005	52626.782	Pass
3	131900.455	110907.083	51659.303	Pass
4	132042.354	112143.802	52220.707	Pass
5	132081.635	111570.042	50569.508	Pass
6	131951.152	111585.420	49497.142	Pass
7	131951.254	111591.623	51413.140	Pass
8	132025.364	111682.588	53761.163	Pass
9	131977.690	111316.226	52174.010	Pass
10	131975.516	111622.404	49836.728	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:21:36
Results file name:	OAQK2136.RTS
Inspection number:	
Item id:	V1
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	0cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131479.741 +- 53.341
Doubles:	111018.267 +- 213.356
Triples:	51340.057 +- 404.345
Quads:	7719.142 +- 683.123
Quads/Triples:	0.150 +- 0.013
Scaler 1:	46797.400 +- 17.760
Scaler 2:	20057.757 +- 10.904

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131341.823	109439.693	48506.252	Pass
2	131551.768	111584.189	52590.123	Pass
3	131545.108	111150.944	52396.713	Pass
4	131471.309	110873.874	51844.572	Pass
5	131590.129	111624.566	51292.180	Pass
6	131493.191	111320.033	52027.866	Pass
7	131520.950	111461.532	52611.445	Pass
8	131169.157	111007.092	51231.865	Pass
9	131327.791	110340.226	50336.696	Pass
10	131786.183	111380.517	50539.949	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:29:39
Results file name:	OAQK2939.RTS
Inspection number:	
Item id:	V2
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	2cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131246.028 +- 32.174
Doubles:	110828.872 +- 147.158
Triples:	51786.742 +- 511.252
Quads:	8211.569 +- 1530.219
Quads/Triples:	0.157 +- 0.029
Scaler 1:	46676.543 +- 11.688
Scaler 2:	20104.710 +- 9.324

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131197.119	110225.925	52484.843	Pass
2	131266.871	110615.753	50645.591	Pass
3	131162.531	111232.684	50075.569	Pass
4	131433.323	111530.278	54388.127	Pass
5	131408.690	111321.320	54203.414	Pass
6	131204.559	111238.785	51980.421	Pass
7	131111.942	110535.222	51012.938	Pass
8	131244.719	110660.682	49887.729	Pass
9	131226.032	110247.557	52558.180	Pass
10	131204.491	110680.512	50620.013	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:35:55
Results file name:	OAQK3555.RTS
Inspection number:	
Item id:	V3
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	4cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131350.301 +- 36.598
Doubles:	111019.736 +- 156.865
Triples:	52722.092 +- 541.412
Quads:	7163.645 +- 1761.203
Quads/Triples:	0.134 +- 0.032
Scaler 1:	47029.980 +- 12.444
Scaler 2:	19864.043 +- 4.418

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131467.979	111535.348	54822.311	Pass
2	131336.285	110868.836	52755.116	Pass
3	131539.332	110600.260	53491.414	Pass
4	131395.507	111919.088	55147.512	Pass
5	131417.659	110951.381	51435.855	Pass
6	131321.743	111095.603	53662.405	Pass
7	131203.472	111023.364	50935.529	Pass
8	131195.760	110104.476	49991.987	Pass
9	131225.760	110835.879	51437.610	Pass
10	131399.516	111263.122	53535.203	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:44:22
Results file name:	OAQK4422.RTS
Inspection number:	
Item id:	V4
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	6cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131620.458 +- 21.145
Doubles:	111198.469 +- 256.401
Triples:	51534.669 +- 817.134
Quads:	5244.050 +- 2285.370
Quads/Triples:	0.098 +- 0.044
Scaler 1:	47644.200 +- 10.766
Scaler 2:	19533.417 +- 9.631

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131587.614	111373.370	49340.121	Pass
2	131611.399	109688.707	47115.226	Pass
3	131636.339	112071.295	56061.511	Pass
4	131612.996	110959.508	49828.901	Pass
5	131540.283	111202.078	51887.918	Pass
6	131598.623	112516.298	54584.272	Pass
7	131576.979	110959.941	51293.422	Pass
8	131620.403	110362.275	50507.618	Pass
9	131793.489	111735.334	51893.198	Pass
10	131626.451	111115.889	52829.982	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:50:48
Results file name:	0AQK5048.RTS
Inspection number:	
Item id:	V5
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	8cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	131372.923 +- 42.701
Doubles:	110837.958 +- 134.362
Triples:	51905.992 +- 472.210
Quads:	8708.753 +- 1446.760
Quads/Triples:	0.167 +- 0.028
Scaler 1:	48021.483 +- 21.969
Scaler 2:	19190.983 +- 10.417

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	131183.121	109956.247	50075.651	Pass
2	131418.135	111104.010	51349.853	Pass
3	131247.743	110677.054	51931.846	Pass
4	131652.614	111362.103	54121.535	Pass
5	131464.888	110481.373	49432.919	Pass
6	131375.256	110845.330	51986.131	Pass
7	131373.999	110813.880	51514.367	Pass
8	131392.551	111086.701	53981.290	Pass
9	131398.462	111354.511	51795.467	Pass
10	131222.465	110698.369	52857.181	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 10:57:24
Results file name:	0AQK5724.RTS
Inspection number:	
Item id:	V6
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	10cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	130926.850 +- 30.292
Doubles:	109948.787 +- 141.178
Triples:	50822.426 +- 541.718
Quads:	6886.730 +- 2146.424
Quads/Triples:	0.133 +- 0.041
Scaler 1:	48460.763 +- 8.834
Scaler 2:	18760.330 +- 6.689

(1)

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	130755.243	110769.291	49349.861	Pass
2	130866.508	109876.339	53030.905	Pass
3	130831.752	110192.179	49919.822	Pass
4	130847.992	110039.417	52087.800	Pass
5	131017.219	109762.309	48566.351	Pass
6	130964.966	109391.399	51285.820	Pass
7	131041.919	109452.118	49012.424	Pass
8	130954.637	110539.108	50512.606	Pass
9	130966.359	109649.126	50781.642	Pass
10	131021.907	109816.579	53698.408	Pass

(2)

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 11:04:16
Results file name:	OAQL0416.RTS
Inspection number:	
Item id:	V7
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	12cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	129501.251 +- 28.272
Doubles:	107095.103 +- 136.837
Triples:	48151.235 +- 428.175
Quads:	4470.074 +- 763.064
Quads/Triples:	0.092 +- 0.016
Scaler 1:	49787.643 +- 12.965
Scaler 2:	17627.740 +- 9.068

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	129682.235	107465.120	50102.784	Pass
2	129605.908	106726.685	48573.838	Pass
3	129424.352	107089.345	46190.384	Pass
4	129550.371	106266.539	46261.886	Pass
5	129417.966	106960.501	48136.972	Pass
6	129399.454	106952.935	50134.846	Pass
7	129491.267	107295.628	47504.859	Pass
8	129491.301	107548.771	47980.071	Pass
9	129452.409	106911.663	47739.099	Pass
10	129497.246	107733.847	48890.438	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	JM2G
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	20.10.26 11:10:41
Results file name:	OAQL1041.RTS
Inspection number:	
Item id:	V8
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	14cm
Predelay:	1.50
Gate length:	64.00
2nd gate length:	64.00
High voltage:	1740
Die away time:	30.0000
Efficiency:	0.6750
Multiplicity deadtime:	72.6000
Coefficient A deadtime:	0.2904
Coefficient B deadtime:	0.0211
Coefficient C deadtime:	0.0000
Doubles gate fraction:	0.7930
Triples gate fraction:	0.6225
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	10.805 +- 0.133
Passive doubles bkgrnd:	0.042 +- 0.010
Passive triples bkgrnd:	0.005 +- 0.003
Passive scaler1 bkgrnd:	1.677
Passive scaler2 bkgrnd:	4.947
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	126465.002 +- 41.649
Doubles:	101641.338 +- 166.161
Triples:	43454.666 +- 394.962
Quads:	2717.023 +- 1101.188
Quads/Triples:	0.061 +- 0.025
Scaler 1:	48821.120 +- 16.421
Scaler 2:	17004.210 +- 6.773

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	126177.460	100751.047	43675.949	Pass
2	126417.091	101922.979	42890.646	Pass
3	126478.782	101836.659	42285.476	Pass
4	126513.074	101828.094	45293.729	Pass
5	126345.011	100850.591	41294.784	Pass
6	126665.456	102216.357	44325.614	Pass
7	126572.458	102323.463	43128.190	Pass
8	126488.187	101557.872	44351.842	Pass
9	126499.867	101786.172	44760.108	Pass
10	126492.635	101340.146	42514.441	Pass

【AVIS 性能確認試験】

(6)　3.3.6　測定パラメータの再評価

（HV プラトー領域の評価）

AVIS_HV plateau.txt

High Voltage	Singles Counts	Singles Rate
1000	6	0.2
1020	6	0.2
1040	9	0.3
1060	21	0.7
1080	21	0.7
1100	40	1.3
1120	45	1.5
1140	63	2.1
1160	98	3.3
1180	137	4.6
1200	199	6.6
1220	350	11.7
1240	563	18.8
1260	874	29.1
1280	1530	51.0
1300	4147	138.2
1320	20663	688.8
1340	81136	2704.5
1360	197344	6578.1
1380	348904	11630.1
1400	523684	17456.1
1420	680097	22669.9
1440	828861	27628.7
1460	981201	32706.7
1480	1140614	38020.5
1500	1312530	43751.0
1520	1501563	50052.1
1540	1721790	57393.0
1560	1957011	65233.7
1580	2215902	73863.4
1600	2510772	83692.4
1620	2809513	93650.4
1640	3107911	103597.0
1660	3384132	112804.4
1680	3613861	120462.0
1700	3767525	125584.2
1720	3868668	128955.6
1740	3914941	130498.0
1760	3935482	131182.7
1780	3940984	131366.1
1800	3944015	131467.2
1820	3953538	131784.6
1840	3971919	132397.3
1860	4009735	133657.8
1880	4057345	135244.8
1900	4100895	136696.5
1920	4155403	138513.4
1940	4201658	140055.3
1960	4230151	141005.0
1980	4266160	142205.3
2000	4279902	142663.4

【IPCA 性能確認試験】

(1)　4.1　長期管理限界の妥当性確認