添付資料目次

【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

Notebook Page: 1465-40

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

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

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 Ltd.
Purchase Order No.: CHN17
Model No.: N-252
Catalog No.: CF230140100U
Capsule Type: A3014
Active Diameter: 0.062" (1.57 mm)
Cover: Stainless Steel
Backing: Stainless Steel

Certificate Date: 02-Dec-11
Quantity: 1
SS&DR No.: CA0406S102S
ISO/ANSI Classification: ANSI 77C66535
Special Form No.: USA/0351/S-96 Rev 7
Nuclide Half Life: 2.645 ± 0.008 years
Recommended Working Life: 15 years

Nuclide	Source No.	Activity	Radiation Output	Reference Date
Cf-252	I7-106	100 µCi (3.7 MBq)	3.97 E+5 n/s	15-Jan-12

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] 8Dec11

Name **Signature** **Date**

Notebook Page: 1535-84

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

Cf-252 Technical data

The Cf-252 used to prepare your order was taken from Eckert & Ziegler Isotope Products Laboratories Lot #5688701 and it had the following composition as of 10 Nov 11.

Nuclide	Mass %	Activity %
Cf-249	11.256	0.103
Cf-250	14.028	3.513
Cf-251	4.94	0.0210
Cf-252	69.769	95.946
Cf-254	0.000002	0.00001

The Cm-248 decay product was last separated on 24 Jun 10

Isotopic composition provided by Oak Ridge National Laboratory

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

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 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

Notebook Page: 1678-46

Eckert & Ziegler
Isotope Products

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

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]

4 Sep 13
date

Isotope Products Laboratories
An Eckert & Ziegler Company

24937 Avenue Tibbitts
Valencia, California 91355

Tel 661•309•1010
Fax 661•257•8303

CERTIFICATE OF CALIBRATION
NEUTRON STANDARD SOURCE

Radionuclide:	Cf-252	**Customer:**	CANBERRA INDUSTRIES (CONNECTICUT)
Half-life:	2.645 ± 0.008 years	**P.O. No.:**	72021AA
Catalog No.:	N-252	**Reference Date:**	15-Jun-01 12:00 PST
Source No.:	WW-906	**Contained Radioactivity:**	55.38 µCi 2049 kBq

Physical description:

A. Capsule type:	3014
B. Nature of active deposit:	Cf-252 in ceramic matrix
C. Active Diameter:	0.062" (1.6 mm)
D. Backing:	Stainless steel
E. Cover:	Stainless steel

Radioimpurities:

See Technical Data Sheet

Method of Calibration:

This source was assayed using a neutron counter against a standard of similar isotopic composition and geometric configuration.

Uncertainty of Measurement:

A. Type A (random) uncertainty:	± 2.6 %
B. Type B (systematic) uncertainty:	± 3.6 %
C. Uncertainty in aliquot weighing:	± 0.0 %
D. Total uncertainty at the 99% confidence level:	± 4.4 %

Notes:

- See reverse side for leak test(s) performed on this source.
- IPL participates in a NIST measurement assurance program to establish and maintain implicit traceability for a number of nuclides, based on the blind assay (and later NIST certification) of Standard Reference Materials (As in NRC Regulatory Guide 4.15).
- Nuclear data was taken from "Table of Radioactive Isotopes", edited by Virginia Shirley, 1986.
- This source has a working life of 5 years.
- This source has a neutron emission rate of 237,700 neutrons/second on 15 Jun 01.

[redacted]

31-May-01
Date Signed

IPL Ref. No.: 781-8

【AFAS 性能確認試験】

(1)　2.1　有効長評価アルゴリズムの妥当性確認

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.28 12:20:57
Results file name:	7BSM2057.BKG
Inspection number:	
Measurement option:	Background
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	C-130 Long BG Collar and Top
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
Number passive cycles:	465
Count time (sec):	30

Results

Singles:	14351.830 +-	1.403
Doubles:	0.365 +-	0.942
Triples:	0.412 +-	0.675
Quads:	-0.152 +-	0.352
Quads/Triples:	0.238 +-	0.533
Scaler 1:	1105.662 +-	0.283
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	14209.511	26.966	16.443	Pass
2	14174.458	9.379	1.697	Pass
3	14336.056	-30.585	12.672	Pass
4	14307.385	3.886	0.659	Pass
5	14290.911	10.418	19.393	Pass
6	14298.330	-0.335	-9.169	Pass
7	14337.259	21.305	17.837	Pass

8	14337.794	8.241	-14.732	Pass
9	14339.064	-10.921	-12.782	Pass
10	14327.636	7.169	45.854	Fail outlier test
11	14314.570	3.953	-12.603	Pass
12	14320.384	17.486	-32.816	Pass
13	14311.061	21.305	-4.030	Pass
14	14296.291	-13.969	24.362	Pass
15	14321.320	18.927	-5.220	Pass
16	14332.548	22.176	4.456	Pass
17	14330.676	17.252	-15.435	Pass
18	14266.084	24.588	-26.484	Pass
19	14316.408	6.733	1.078	Pass
20	14319.181	11.758	5.602	Pass
21	14341.637	-9.145	-2.134	Pass
22	14349.724	25.493	-2.799	Pass
23	14307.218	-25.191	6.437	Pass
24	14307.619	-8.710	-1.037	Pass
25	14320.618	12.629	9.595	Pass
26	14295.489	33.532	12.030	Pass
27	14310.861	26.698	0.637	Pass
28	14332.782	14.706	23.578	Pass
29	14304.445	23.416	-12.049	Pass
30	14304.980	30.350	-6.071	Pass
31	14326.065	-17.017	19.605	Pass
32	14306.049	-12.194	1.994	Pass
33	14341.303	15.912	-4.170	Pass
34	14288.305	2.077	-15.674	Pass
35	14354.101	7.303	17.127	Pass
36	14321.119	17.888	23.333	Pass
37	14342.639	19.764	6.409	Pass
38	14308.923	4.422	0.747	Pass
39	14303.509	-2.010	14.253	Pass
40	14328.137	-43.180	13.691	Pass
41	14318.145	36.849	10.458	Pass
42	14328.504	6.097	-6.077	Pass
43	14343.074	1.239	46.160	Fail outlier test
44	14341.303	0.335	22.632	Pass
45	14333.584	16.850	-18.052	Pass
46	14321.019	6.968	-25.841	Pass
47	14323.826	5.494	15.790	Pass
48	14331.746	-8.241	-6.758	Pass
49	14350.191	3.249	8.177	Pass
50	14341.470	-50.014	11.392	Pass
51	14362.722	-36.749	21.192	Pass
52	14330.977	-15.744	-26.863	Pass
53	14295.189	53.799	-11.242	Pass
54	14330.910	-31.322	-29.949	Pass
55	14322.022	28.173	-22.891	Pass
56	14353.132	19.966	-22.071	Pass
57	14339.532	21.205	33.065	Pass
58	14338.629	-0.703	-11.471	Pass
59	14339.164	-19.865	11.398	Pass
60	14333.584	34.336	8.695	Pass
61	14351.027	27.905	-9.240	Pass
62	14302.507	-25.559	-17.494	Pass
63	14314.303	-7.269	-7.885	Pass

64	14340.300	17.085	1.468	Pass
65	14326.600	-32.695	-1.423	Pass
66	14353.700	45.894	-8.421	Pass
67	14292.081	-0.603	-1.075	Pass
68	14316.942	5.460	-27.765	Pass
69	14334.419	-10.921	8.369	Pass
70	14314.603	-30.852	-0.902	Pass
71	14332.748	-8.609	2.587	Pass
72	14289.642	14.036	5.818	Pass
73	14299.733	-11.323	15.669	Pass
74	14339.732	-17.821	-10.976	Pass
75	14324.494	38.189	-11.985	Pass
76	14325.062	23.751	18.808	Pass
77	14333.316	4.321	-6.055	Pass
78	14302.507	24.286	-15.432	Pass
79	14370.676	5.594	-3.129	Pass
80	14316.742	-4.623	-26.472	Pass
81	14315.606	29.244	-29.724	Pass
82	14346.850	-27.503	10.051	Pass
83	14333.784	25.593	3.579	Pass
84	14297.996	7.872	8.458	Pass
85	14304.345	36.112	-3.333	Pass
86	14314.035	-13.567	-16.401	Pass
87	14315.940	16.381	-23.217	Pass
88	14347.886	-1.139	-6.726	Pass
89	14342.740	15.108	-13.083	Pass
90	14344.711	35.241	29.385	Pass
91	14302.908	46.262	2.933	Pass
92	14354.836	43.951	1.256	Pass
93	14332.347	-24.153	-6.289	Pass
94	14325.697	7.604	14.595	Pass
95	14370.442	-10.552	-3.537	Pass
96	14317.778	22.511	-26.126	Pass
97	14329.874	5.829	-15.984	Pass
98	14333.717	13.199	-34.837	Pass
99	14345.480	1.005	-7.607	Pass
100	14291.546	-8.475	-3.531	Pass
101	14337.861	-24.320	-13.480	Pass
102	14306.249	-16.649	1.775	Pass
103	14296.258	-23.281	6.679	Pass
104	14312.532	18.123	13.208	Pass
105	14348.354	20.602	2.483	Pass
106	14307.385	20.401	-4.958	Pass
107	14341.570	-6.666	31.934	Pass
108	14335.555	8.375	11.764	Pass
109	14313.634	-1.005	27.633	Pass
110	14327.168	-14.941	0.224	Pass
111	14355.505	-15.376	10.558	Pass
112	14364.527	26.129	-5.444	Pass
113	14351.829	31.657	16.582	Pass
114	14381.636	-23.517	12.643	Pass
115	14313.367	37.653	-6.324	Pass
116	14327.368	7.470	-9.589	Pass
117	14364.594	18.994	15.962	Pass
118	14334.519	-15.276	-9.442	Pass
119	14344.344	13.232	-26.871	Pass

120	14309.491	26.564	9.712	Pass
121	14340.233	7.537	-10.826	Pass
122	14331.913	-5.159	-16.666	Pass
123	14327.669	8.609	19.260	Pass
124	14322.423	22.210	-5.240	Pass
125	14372.948	2.043	-2.814	Pass
126	14338.830	-5.092	7.424	Pass
127	14349.957	16.247	11.611	Pass
128	14390.458	-11.021	-5.771	Pass
129	14311.329	-17.051	-2.090	Pass
130	14338.396	-16.917	-19.561	Pass
131	14359.782	16.984	11.881	Pass
132	14329.674	-10.050	33.691	Pass
133	14335.555	-17.888	-24.610	Pass
134	14306.884	-18.123	19.848	Pass
135	14313.968	-10.318	-19.051	Pass
136	14322.857	21.607	13.985	Pass
137	14305.180	-6.063	18.272	Pass
138	14351.528	0.234	25.937	Pass
139	14322.957	16.448	5.480	Pass
140	14326.466	-21.908	23.556	Pass
141	14332.080	-27.101	-5.336	Pass
142	14339.131	-10.083	-12.229	Pass
143	14352.196	2.311	3.701	Pass
144	14338.128	20.602	-6.475	Pass
145	14371.645	-13.467	20.706	Pass
146	14330.242	-37.686	-1.561	Pass
147	14331.512	-9.849	12.181	Pass
148	14370.174	0.737	4.457	Pass
149	14360.183	-25.493	7.067	Pass
150	14377.893	-1.943	19.656	Pass
151	14370.676	-52.025	-4.230	Pass
152	14342.071	18.525	-3.769	Pass
153	14353.967	29.144	-4.857	Pass
154	14316.775	-28.005	1.700	Pass
155	14335.421	4.154	-18.126	Pass
156	14316.007	-13.768	-8.824	Pass
157	14315.840	51.890	-3.344	Pass
158	14330.175	-26.665	14.141	Pass
159	14356.774	6.566	4.935	Pass
160	14336.591	-0.268	-20.490	Pass
161	14356.273	-16.616	-12.533	Pass
162	14360.851	4.991	5.749	Pass
163	14357.977	18.023	-1.823	Pass
164	14301.036	-7.537	2.157	Pass
165	14342.606	4.522	-0.455	Pass
166	14319.114	-3.517	-33.214	Pass
167	14333.116	45.358	-5.690	Pass
168	14346.883	28.039	23.604	Pass
169	14377.726	-2.244	5.131	Pass
170	14338.162	-23.851	-32.846	Pass
171	14360.684	49.210	1.563	Pass
172	14325.096	-0.703	15.041	Pass
173	14355.939	-25.928	-2.490	Pass
174	14356.173	3.015	6.519	Pass
175	14387.584	34.773	4.130	Pass

176	14315.773	-5.695	16.522	Pass
177	14361.453	-11.122	-7.104	Pass
178	14347.418	32.695	-8.567	Pass
179	14318.446	-22.109	-9.022	Pass
180	14376.156	-28.877	17.298	Pass
181	14335.421	4.991	-3.951	Pass
182	14341.002	-5.963	-10.009	Pass
183	14345.613	0.067	11.949	Pass
184	14322.623	-28.474	-11.577	Pass
185	14341.336	9.916	4.184	Pass
186	14354.836	-37.084	-22.152	Pass
187	14363.524	49.277	-23.299	Pass
188	14388.219	-1.675	-6.591	Pass
189	14318.814	18.089	12.542	Pass
190	14359.147	-14.606	10.341	Pass
191	14327.001	-6.901	17.902	Pass
192	14357.008	18.659	3.940	Pass
193	14346.415	-6.901	-5.451	Pass
194	14339.832	-3.953	9.047	Pass
195	14305.180	-22.813	-2.664	Pass
196	14360.885	-24.220	-3.560	Pass
197	14347.953	2.981	-9.299	Pass
198	14351.461	6.834	-6.151	Pass
199	14334.452	38.892	0.838	Pass
200	14374.919	-21.373	5.711	Pass
201	14348.988	35.844	-18.718	Pass
202	14371.077	40.132	11.976	Pass
203	14389.155	-19.865	3.998	Pass
204	14360.116	-4.120	-2.634	Pass
205	14384.610	-9.681	5.966	Pass
206	14362.622	20.569	13.384	Pass
207	14328.404	6.298	6.114	Pass
208	14314.837	-6.499	15.517	Pass
209	14354.101	-13.869	1.797	Pass
210	14330.910	0.033	8.070	Pass
211	14376.490	17.922	3.200	Pass
212	14401.886	-12.696	4.938	Pass
213	14353.232	-3.149	2.580	Pass
214	14361.486	-2.881	-25.870	Pass
215	14357.677	3.919	18.817	Pass
216	14342.740	-17.922	-6.695	Pass
217	14368.437	3.517	-34.055	Pass
218	14353.165	-40.769	-0.350	Pass
219	14314.470	-22.444	16.331	Pass
220	14368.403	12.797	6.304	Pass
221	14336.056	-11.892	12.128	Pass
222	14337.059	26.397	-12.863	Pass
223	14382.137	-6.968	25.327	Pass
224	14354.235	-45.023	-12.123	Pass
225	14369.172	-3.886	-1.706	Pass
226	14380.032	10.318	8.108	Pass
227	14363.324	-18.056	-10.114	Pass
228	14365.195	-37.218	2.915	Pass
229	14342.806	10.083	-10.975	Pass
230	14371.310	-26.699	-6.918	Pass
231	14382.605	9.346	5.915	Pass

232	14390.024	-17.085	17.355	Pass
233	14399.113	34.672	8.303	Pass
234	14367.301	-15.075	4.648	Pass
235	14356.206	-21.540	2.546	Pass
236	14355.538	-0.703	-20.069	Pass
237	14363.825	8.408	23.726	Pass
238	14361.920	-8.174	14.369	Pass
239	14328.939	15.677	24.794	Pass
240	14366.231	-35.911	-11.384	Pass
241	14346.048	-15.108	-10.034	Pass
242	14349.256	-3.651	4.552	Pass
243	14354.135	27.905	-20.291	Pass
244	14330.108	18.123	2.378	Pass
245	14309.858	-28.976	14.485	Pass
246	14382.004	-21.239	5.324	Pass
247	14380.968	-4.757	3.122	Pass
248	14342.238	29.010	10.353	Pass
249	14351.962	-12.462	-6.884	Pass
250	14369.239	29.848	-13.162	Pass
251	14383.073	-12.998	-14.724	Pass
252	14346.482	18.090	0.030	Pass
253	14344.410	-19.664	-22.824	Pass
254	14371.778	26.364	-8.724	Pass
255	14346.516	-0.670	-7.955	Pass
256	14362.255	8.207	-18.773	Pass
257	14353.901	29.647	-5.816	Pass
258	14367.701	-7.571	-5.063	Pass
259	14378.662	-0.167	15.829	Pass
260	14339.598	-7.001	0.139	Pass
261	14343.007	15.376	-4.370	Pass
262	14367.635	22.947	-2.137	Pass
263	14370.742	-5.929	-2.001	Pass
264	14349.189	-34.806	-5.606	Pass
265	14412.446	3.350	0.081	Pass
266	14397.342	15.108	-29.368	Pass
267	14376.924	5.594	-12.543	Pass
268	14350.927	8.040	-24.128	Pass
269	14301.772	5.561	12.790	Pass
270	14383.106	23.751	-8.705	Pass
271	14369.038	1.239	14.586	Pass
272	14384.710	-2.579	3.159	Pass
273	14401.719	20.334	0.099	Pass
274	14367.100	11.892	-13.594	Pass
275	14371.377	21.473	16.307	Pass
276	14332.113	21.037	-0.238	Pass
277	14333.751	9.815	27.244	Pass
278	14366.265	-12.562	-25.435	Pass
279	14339.632	-11.993	-0.370	Pass
280	14388.353	11.591	-11.884	Pass
281	14342.172	21.372	17.259	Pass
282	14343.575	4.288	8.169	Pass
283	14336.324	-15.209	12.193	Pass
284	14330.209	19.362	-0.563	Pass
285	14353.433	22.411	-7.968	Pass
286	14350.793	-17.587	-5.108	Pass
287	14358.078	5.963	-6.090	Pass

288	14361.386	13.433	34.085	Pass
289	14364.226	-1.909	5.173	Pass
290	14372.513	-36.280	1.205	Pass
291	14371.411	-4.154	-11.499	Pass
292	14365.663	18.827	10.212	Pass
293	14397.342	14.606	30.738	Pass
294	14373.115	-7.939	7.636	Pass
295	14387.016	1.943	-17.103	Pass
296	14340.334	-21.674	4.603	Pass
297	14361.018	-0.636	11.358	Pass
298	14381.970	4.321	20.103	Pass
299	14363.458	-25.828	9.510	Pass
300	14390.425	20.703	-4.351	Pass
301	14383.674	-21.976	-11.633	Pass
302	14372.046	28.843	-7.982	Pass
303	14375.020	7.403	-9.681	Pass
304	14349.122	-21.171	21.231	Pass
305	14369.072	-12.328	11.410	Pass
306	14377.091	9.313	-2.282	Pass
307	14348.721	15.175	-9.841	Pass
308	14352.163	10.217	-9.337	Pass
309	14368.470	12.428	-1.528	Pass
310	14335.789	0.837	27.168	Pass
311	14368.069	0.167	-22.611	Pass
312	14357.309	4.388	6.105	Pass
313	14370.007	-4.824	13.516	Pass
314	14361.219	-20.267	-0.345	Pass
315	14380.667	7.202	-10.126	Pass
316	14357.710	11.959	-35.671	Pass
317	14358.144	-4.656	3.517	Pass
318	14354.335	6.767	9.295	Pass
319	14314.871	-26.263	8.552	Pass
320	14372.747	-4.422	24.105	Pass
321	14369.038	13.500	6.881	Pass
322	14378.863	-34.772	29.349	Pass
323	14319.850	34.705	-4.996	Pass
324	14339.699	3.082	-6.170	Pass
325	14342.773	-9.547	8.930	Pass
326	14374.686	-18.291	-3.969	Pass
327	14378.662	-19.028	-8.975	Pass
328	14387.818	-29.547	-23.602	Pass
329	14381.135	-22.110	10.733	Pass
330	14365.730	5.896	-12.313	Pass
331	14356.273	-43.716	19.788	Pass
332	14357.175	11.758	2.710	Pass
333	14345.212	24.655	19.304	Pass
334	14325.530	5.594	5.838	Pass
335	14384.243	0.067	-29.428	Pass
336	14336.357	-0.670	-34.411	Pass
337	14354.201	-39.630	4.376	Pass
338	14381.536	-26.699	7.528	Pass
339	14393.298	-6.800	-27.205	Pass
340	14377.492	-7.068	-9.755	Pass
341	14401.786	39.831	-26.898	Pass
342	14353.734	-34.504	-2.886	Pass
343	14348.287	-10.619	-4.436	Pass

344	14353.366	-7.738	10.575	Pass
345	14383.240	-17.252	-9.455	Pass
346	14343.943	-17.755	-16.961	Pass
347	14343.508	-12.763	11.205	Pass
348	14383.808	-11.155	13.034	Pass
349	14359.247	2.914	17.414	Pass
350	14340.768	4.891	-20.953	Pass
351	14410.541	8.810	22.345	Pass
352	14397.743	19.229	18.333	Pass
353	14358.579	0.067	-12.860	Pass
354	14369.205	-17.085	-12.043	Pass
355	14390.090	-19.899	17.673	Pass
356	14396.673	-19.128	1.667	Pass
357	14375.855	-0.100	-33.670	Pass
358	14363.090	4.690	-7.272	Pass
359	14378.629	-42.209	-2.304	Pass
360	14427.283	27.135	9.538	Pass
361	14346.181	-7.202	9.030	Pass
362	14412.279	14.036	0.463	Pass
363	14372.547	-12.797	11.425	Pass
364	14404.059	-22.545	9.407	Pass
365	14389.188	-10.921	12.443	Pass
366	14364.226	-1.608	-13.377	Pass
367	14389.121	-22.914	24.064	Pass
368	14389.088	11.725	43.661	Pass
369	14386.682	-29.078	-1.012	Pass
370	14386.749	-2.244	2.412	Pass
371	14371.745	22.780	8.843	Pass
372	14326.834	19.463	25.849	Pass
373	14391.795	12.361	-0.710	Pass
374	14347.585	13.969	8.325	Pass
375	14372.213	6.901	2.003	Pass
376	14383.808	30.485	38.852	Pass
377	14377.660	-18.994	-3.465	Pass
378	14386.515	-9.614	9.000	Pass
379	14378.061	13.534	15.018	Pass
380	14368.771	19.832	-25.615	Pass
381	14351.261	20.535	-2.468	Pass
382	14366.933	13.132	-0.382	Pass
383	14366.632	-14.338	3.111	Pass
384	14360.617	27.469	14.297	Pass
385	14361.252	5.293	17.179	Pass
386	14368.804	37.285	-14.228	Pass
387	14368.036	19.899	11.419	Pass
388	14361.018	22.445	-6.663	Pass
389	14364.460	-25.761	-17.983	Pass
390	14375.721	9.212	-1.817	Pass
391	14362.522	20.435	1.431	Pass
392	14408.336	-7.504	-1.858	Pass
393	14345.914	-43.180	-8.011	Pass
394	14397.242	-37.386	9.085	Pass
395	14339.064	3.618	-0.788	Pass
396	14377.626	-12.629	2.284	Pass
397	14371.177	1.105	-7.896	Pass
398	14347.485	0.904	-0.447	Pass
399	14397.442	-28.877	3.588	Pass

400	14346.181	18.960	6.087	Pass
401	14355.170	-2.847	38.913	Pass
402	14380.400	17.252	18.654	Pass
403	14361.219	-0.971	-8.051	Pass
404	14365.930	-47.402	-1.022	Pass
405	14377.292	2.546	34.544	Pass
406	14317.811	-25.024	16.923	Pass
407	14337.360	-6.867	-14.125	Pass
408	14402.087	-10.887	28.122	Pass
409	14360.985	16.515	-25.087	Pass
410	14386.147	29.714	21.681	Pass
411	14371.310	40.534	-11.456	Pass
412	14364.694	28.407	0.828	Pass
413	14394.401	-11.524	7.708	Pass
414	14355.505	-17.420	12.192	Pass
415	14364.961	8.743	8.096	Pass
416	14365.897	-29.211	-19.875	Pass
417	14401.252	2.378	-4.515	Pass
418	14399.480	-1.742	-10.653	Pass
419	14365.763	5.829	2.663	Pass
420	14370.408	20.401	1.951	Pass
421	14339.131	-25.325	-6.771	Pass
422	14346.582	22.377	3.179	Pass
423	14386.983	-30.719	-20.400	Pass
424	14380.700	26.297	13.764	Pass
425	14387.350	-12.127	-7.184	Pass
426	14357.242	26.732	16.791	Pass
427	14382.405	-14.036	14.711	Pass
428	14347.318	3.316	19.075	Pass
429	14413.616	-19.262	-8.110	Pass
430	14418.996	-9.447	-28.302	Pass
431	14391.026	-15.745	-7.443	Pass
432	14269.926	0.100	-4.226	Pass
433	14377.927	22.143	-10.069	Pass
434	14430.692	-8.509	3.383	Pass
435	14333.016	25.727	-19.920	Pass
436	14374.786	-8.944	17.666	Pass
437	14375.989	-13.098	-16.589	Pass
438	14393.633	-46.129	29.429	Pass
439	14406.297	10.083	1.942	Pass
440	14417.860	13.701	-0.109	Pass
441	14369.072	-2.077	-9.690	Pass
442	14376.323	-41.539	-11.504	Pass
443	14343.375	-29.881	4.401	Pass
444	14348.186	-7.738	13.767	Pass
445	14378.562	35.241	-8.363	Pass
446	14369.740	-21.339	15.950	Pass
447	14370.909	3.316	4.694	Pass
448	14398.879	7.035	-6.662	Pass
449	14417.926	11.892	-16.324	Pass
450	14374.251	-35.911	14.260	Pass
451	14353.700	0.301	-8.987	Pass
452	14393.766	-3.484	22.082	Pass
453	14352.029	-13.735	0.397	Pass
454	14364.861	-27.101	14.953	Pass
455	14370.776	-24.488	9.364	Pass

456	14392.630	7.973	-21.440	Pass
457	14360.417	5.360	-18.750	Pass
458	14392.296	-26.833	8.034	Pass
459	14367.100	-30.384	-8.913	Pass
460	14416.088	-1.172	9.470	Pass
461	14334.252	-8.542	-1.538	Pass
462	14418.595	-20.167	10.593	Pass
463	14396.774	0.402	-10.679	Pass
464	14326.299	-1.306	6.131	Pass
465	14373.349	-17.721	-17.874	Pass
466	14387.718	-25.761	-0.591	Pass
467	14363.491	-4.355	-17.494	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.07 10:55:33
Results file name:	7C7K5533.BKG
Inspection number:	
Measurement option:	Background
Detector configuration:	Passive
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	C-130 Long BG C+B
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
Number passive cycles:	517
Count time (sec):	30

Passive messages

Background doubles rate greater than 1.0

Results

Singles:	14335.730 +-	1.050
Doubles:	1.421 +-	0.882
Triples:	-0.701 +-	0.592
Quads:	-0.077 +-	0.343
Quads/Triples:	0.683 +-	0.418
Scaler 1:	0.000 +-	0.000
Scaler 2:	1107.788 +-	0.259

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	14340.768	10.318	25.469	Pass
2	14347.685	-0.201	1.326	Pass
3	14310.393	20.635	21.732	Pass

4	14327.101	30.316	-14.646	Pass
5	14301.137	10.653	-11.324	Pass
6	14317.778	-1.608	-0.672	Pass
7	14353.366	-5.427	-20.411	Pass
8	14300.836	-18.022	-6.849	Pass
9	14314.403	36.279	0.977	Pass
10	14320.585	-33.767	-10.161	Pass
11	14320.618	25.995	-0.816	Pass
12	14286.367	8.911	-5.408	Pass
13	14319.215	7.604	9.499	Pass
14	14325.530	-5.728	5.772	Pass
15	14299.132	6.331	-1.491	Pass
16	14341.971	8.475	16.291	Pass
17	14310.226	-12.964	-4.715	Pass
18	14314.436	22.344	-9.057	Pass
19	14283.493	-10.585	-2.766	Pass
20	14293.718	-27.033	-13.974	Pass
21	14355.906	-34.538	-3.232	Pass
22	14341.436	-5.393	10.800	Pass
23	14317.176	-18.391	7.564	Pass
24	14353.433	1.072	-6.558	Pass
25	14308.221	10.988	25.778	Pass
26	14327.468	-13.366	-13.923	Pass
27	14316.976	19.195	11.324	Pass
28	14317.176	22.143	-11.627	Pass
29	14320.050	-10.050	-1.745	Pass
30	14312.765	-0.938	13.308	Pass
31	14345.212	41.606	-17.474	Pass
32	14304.111	34.068	-5.232	Pass
33	14302.039	2.881	-1.795	Pass
34	14322.690	-8.174	4.488	Pass
35	14297.127	-7.470	-2.159	Pass
36	14382.204	2.043	-13.611	Pass
37	14291.212	8.341	12.478	Pass
38	14323.626	-17.855	-25.928	Pass
39	14341.771	35.208	-2.867	Pass
40	14355.104	37.318	-3.468	Pass
41	14328.137	-8.509	-2.988	Pass
42	14328.905	34.437	-16.843	Pass
43	14325.631	11.524	-18.505	Pass
44	14362.555	2.914	-12.122	Pass
45	14348.420	25.359	8.117	Pass
46	14322.857	32.092	-19.438	Pass
47	14358.111	8.978	-10.954	Pass
48	14293.351	26.665	4.049	Pass
49	14349.490	39.194	-11.775	Pass
50	14336.357	20.300	-8.854	Pass
51	14353.767	0.402	5.959	Pass
52	14324.461	-0.938	15.477	Pass
53	14309.424	41.706	-15.784	Pass
54	14350.058	8.542	-6.204	Pass
55	14304.545	1.809	-4.534	Pass
56	14306.751	6.499	10.002	Pass
57	14315.405	10.016	10.252	Pass
58	14332.782	-17.553	-30.161	Pass
59	14320.418	13.266	1.279	Pass

BG_Bottom+Collar_20171207.txt

60	14286.734	-1.474	-23.354	Pass
61	14313.634	-29.780	19.327	Pass
62	14315.272	13.132	-8.888	Pass
63	14308.121	-12.294	4.294	Pass
64	14336.992	16.147	-10.414	Pass
65	14326.533	38.256	16.158	Pass
66	14353.600	-30.116	-7.948	Pass
67	14354.469	-22.511	0.709	Pass
68	14293.150	-17.218	18.730	Pass
69	14355.538	-27.972	13.548	Pass
70	14332.782	-26.163	-8.862	Pass
71	14293.050	-10.485	4.215	Pass
72	14318.446	37.820	1.163	Pass
73	14359.581	-1.708	16.583	Pass
74	14312.331	-11.155	1.638	Pass
75	14345.045	3.450	-12.206	Pass
76	14317.410	0.569	13.028	Pass
77	14316.508	8.475	-18.674	Pass
78	14297.595	-23.985	16.262	Pass
79	14338.897	-9.983	-9.504	Pass
80	14274.671	12.897	12.396	Pass
81	14277.311	26.062	9.032	Pass
82	14312.097	2.278	-4.392	Pass
83	14327.702	-15.644	25.572	Pass
84	14310.861	11.792	-20.471	Pass
85	14331.244	-10.284	-13.030	Pass
86	14316.140	-7.470	10.572	Pass
87	14331.111	-3.015	10.575	Pass
88	14329.808	5.360	-12.475	Pass
89	14316.408	-2.546	17.328	Pass
90	14347.117	42.879	9.953	Pass
91	14339.832	4.288	0.512	Pass
92	14307.820	16.582	23.150	Pass
93	14298.597	4.087	2.346	Pass
94	14297.294	6.532	5.421	Pass
95	14325.864	-14.237	-4.646	Pass
96	14335.254	-18.793	-4.088	Pass
97	14315.606	-14.873	7.973	Pass
98	14291.012	-30.350	-37.191	Pass
99	14317.444	31.656	16.321	Pass
100	14333.751	-49.076	3.019	Pass
101	14321.520	9.748	-29.214	Pass
102	14352.664	17.721	-8.584	Pass
103	14291.179	7.906	-21.726	Pass
104	14302.239	35.475	-9.766	Pass
105	14320.217	-4.891	-9.566	Pass
106	14341.069	-7.772	-9.887	Pass
107	14292.515	-6.599	-19.309	Pass
108	14354.936	-20.703	1.019	Pass
109	14313.066	-8.174	-4.592	Pass
110	14323.492	13.567	1.080	Pass
111	14317.377	2.981	5.532	Pass
112	14280.285	49.578	-27.090	Pass
113	14340.334	22.846	0.698	Pass
114	14321.387	0.804	0.538	Pass
115	14309.290	8.944	16.884	Pass

BG_Bottom+Collar_20171207.txt

116	14332.247	-9.648	5.149	Pass
117	14324.294	10.519	-16.469	Pass
118	14338.964	1.474	21.017	Pass
119	14313.033	-51.421	-9.721	Pass
120	14302.340	4.154	-6.247	Pass
121	14353.566	2.881	-15.637	Pass
122	14334.787	-13.199	12.506	Pass
123	14331.579	13.232	2.358	Pass
124	14316.374	-50.751	5.320	Pass
125	14333.383	5.795	-6.400	Pass
126	14321.286	29.345	15.280	Pass
127	14306.049	5.628	-10.109	Pass
128	14343.943	5.025	6.437	Pass
129	14338.763	26.799	2.282	Pass
130	14304.178	8.743	-12.496	Pass
131	14305.080	29.479	17.535	Pass
132	14352.029	16.080	17.634	Pass
133	14315.606	4.857	-16.536	Pass
134	14301.371	-3.115	-11.820	Pass
135	14331.378	22.176	-1.583	Pass
136	14358.078	13.266	-6.286	Pass
137	14310.894	13.768	-10.928	Pass
138	14300.669	50.415	-2.104	Pass
139	14312.665	-3.048	10.676	Pass
140	14296.191	-11.858	-0.860	Pass
141	14316.408	34.303	6.593	Pass
142	14308.989	14.605	-18.737	Pass
143	14322.289	-0.938	-10.198	Pass
144	14309.257	-13.634	7.124	Pass
145	14295.790	-3.651	1.181	Pass
146	14289.909	4.723	-4.048	Pass
147	14375.989	-17.554	-0.680	Pass
148	14348.587	6.331	-6.360	Pass
149	14341.336	13.835	52.753	Fail outlier test
150	14330.041	12.361	5.339	Pass
151	14342.405	13.668	7.474	Pass
152	14312.699	-45.592	8.626	Pass
153	14340.735	6.030	-14.508	Pass
154	14344.310	5.862	20.679	Pass
155	14315.238	-1.474	1.320	Pass
156	14310.760	6.063	-1.149	Pass
157	14295.489	-2.579	-19.022	Pass
158	14367.200	24.388	5.256	Pass
159	14357.042	27.704	13.806	Pass
160	14298.263	-11.524	-0.823	Pass
161	14354.536	-9.380	4.432	Pass
162	14317.711	-0.804	5.942	Pass
163	14384.543	16.850	15.841	Pass
164	14325.497	15.074	-18.131	Pass
165	14334.352	-2.948	2.965	Pass
166	14322.924	-1.206	8.360	Pass
167	14340.902	-1.105	4.876	Pass
168	14309.925	-42.342	-1.761	Pass
169	14312.765	39.060	-8.488	Pass
170	14329.340	22.578	-5.443	Pass
171	14353.600	-3.417	-5.612	Pass

172	14335.756	-33.499	4.299	Pass
173	14334.419	-12.663	-16.689	Pass
174	14365.095	-6.264	-20.330	Pass
175	14352.531	-23.952	18.854	Pass
176	14288.104	18.592	-9.645	Pass
177	14362.455	0.167	-6.023	Pass
178	14321.621	-2.445	15.626	Pass
179	14363.357	23.483	11.041	Pass
180	14330.509	-11.591	16.314	Pass
181	14335.254	-15.544	-14.520	Pass
182	14345.647	-15.812	6.308	Pass
183	14315.004	-17.620	17.608	Pass
184	14305.280	32.728	-18.009	Pass
185	14317.911	-6.331	6.316	Pass
186	14324.261	-12.596	-5.493	Pass
187	14373.282	5.092	5.599	Pass
188	14322.155	1.876	-8.689	Pass
189	14370.208	-4.757	1.803	Pass
190	14363.524	3.685	-20.108	Pass
191	14280.018	-19.697	-0.889	Pass
192	14277.345	-21.372	1.117	Pass
193	14333.818	8.341	-3.436	Pass
194	14346.750	2.345	-6.850	Pass
195	14352.096	14.840	30.291	Pass
196	14310.861	-18.391	-6.806	Pass
197	14351.762	17.688	10.211	Pass
198	14338.529	-1.038	14.708	Pass
199	14304.311	11.624	14.486	Pass
200	14315.806	30.517	-5.295	Pass
201	14348.621	4.757	18.665	Pass
202	14347.552	19.932	-12.273	Pass
203	14335.121	11.189	-11.061	Pass
204	14314.035	17.989	-0.169	Pass
205	14375.354	13.098	7.642	Pass
206	14325.029	23.215	-16.088	Pass
207	14319.482	-9.447	16.071	Pass
208	14329.407	19.731	15.130	Pass
209	14361.185	7.537	-12.924	Pass
210	14355.304	8.207	5.910	Pass
211	14360.016	-23.215	5.498	Pass
212	14307.319	-22.444	12.518	Pass
213	14306.583	45.927	-25.756	Pass
214	14332.214	-13.500	-0.963	Pass
215	14318.212	17.587	0.237	Pass
216	14325.831	-12.227	0.769	Pass
217	14309.090	0.000	-4.918	Pass
218	14326.098	-2.747	12.344	Pass
219	14314.770	-6.867	-22.806	Pass
220	14356.975	-28.441	13.670	Pass
221	14317.143	-15.744	0.075	Pass
222	14354.769	-11.390	2.297	Pass
223	14293.117	-28.206	5.592	Pass
224	14366.599	5.929	13.756	Pass
225	14347.217	-26.833	-7.784	Pass
226	14351.094	-7.772	2.037	Pass
227	14369.673	14.204	-19.661	Pass

228	14286.668	5.058	-6.247	Pass
229	14347.785	21.406	7.612	Pass
230	14328.571	24.153	-1.906	Pass
231	14324.595	-20.401	-9.184	Pass
232	14350.492	17.353	-4.412	Pass
233	14353.433	21.707	4.543	Pass
234	14320.852	18.625	-8.832	Pass
235	14358.078	-26.565	0.812	Pass
236	14295.890	-51.621	4.753	Pass
237	14329.139	-25.292	13.930	Pass
238	14333.851	39.529	5.143	Pass
239	14318.079	21.640	20.285	Pass
240	14345.580	-15.510	-1.216	Pass
241	14295.924	1.876	-0.829	Pass
242	14325.296	-6.030	-25.571	Pass
243	14320.184	-6.767	-3.771	Pass
244	14312.966	-1.574	29.111	Pass
245	14330.576	10.519	-12.955	Pass
246	14356.540	-30.250	-20.823	Pass
247	14348.688	-22.980	-19.183	Pass
248	14352.464	46.195	-0.978	Pass
249	14336.056	-11.993	5.439	Pass
250	14334.619	14.606	-6.047	Pass
251	14371.478	-5.795	-22.869	Pass
252	14332.615	7.169	5.176	Pass
253	14347.852	-15.309	-9.719	Pass
254	14349.590	10.050	20.081	Pass
255	14353.633	-29.312	7.854	Pass
256	14341.704	11.356	0.753	Pass
257	14329.373	-3.551	-24.312	Pass
258	14342.539	-24.086	-7.132	Pass
259	14341.704	-12.495	23.269	Pass
260	14346.750	46.162	-20.915	Pass
261	14359.180	-24.990	-26.643	Pass
262	14333.350	16.515	-7.587	Pass
263	14322.088	10.083	-10.831	Pass
264	14343.608	-13.065	17.527	Pass
265	14348.922	-6.130	-29.166	Pass
266	14348.153	10.820	6.481	Pass
267	14298.931	7.035	-14.341	Pass
268	14294.353	-10.452	15.556	Pass
269	14306.483	7.872	-12.217	Pass
270	14344.310	-11.624	5.753	Pass
271	14333.617	-17.252	6.103	Pass
272	14312.899	9.916	20.044	Pass
273	14310.192	-8.006	16.460	Pass
274	14311.329	-3.919	1.730	Pass
275	14335.956	-10.150	-17.052	Pass
276	14325.798	-8.676	14.196	Pass
277	14349.289	11.926	3.528	Pass
278	14331.345	1.407	-15.024	Pass
279	14331.077	-1.641	-24.291	Pass
280	14298.463	-24.588	-16.090	Pass
281	14361.586	-13.936	-7.459	Pass
282	14340.167	-5.293	16.240	Pass
283	14342.472	-2.345	-9.180	Pass

284	14350.960	-18.157	-6.319	Pass
285	14380.734	-16.214	-25.322	Pass
286	14336.457	9.246	-4.266	Pass
287	14329.072	-25.124	-23.784	Pass
288	14343.107	3.383	-5.708	Pass
289	14380.634	15.309	-25.030	Pass
290	14373.750	-11.892	9.400	Pass
291	14356.173	-0.067	-1.982	Pass
292	14331.244	7.001	-27.918	Pass
293	14371.845	-8.207	-3.324	Pass
294	14356.340	2.512	-1.584	Pass
295	14355.037	-20.234	-5.907	Pass
296	14372.714	10.318	9.665	Pass
297	14334.352	-55.206	37.769	Pass
298	14332.581	-24.119	21.049	Pass
299	14369.807	10.988	-13.146	Pass
300	14354.435	1.775	-15.677	Pass
301	14347.585	29.848	17.112	Pass
302	14343.341	-3.618	2.435	Pass
303	14309.223	22.578	21.721	Pass
304	14378.729	-20.736	-4.913	Pass
305	14341.737	31.054	-5.108	Pass
306	14332.848	-25.694	19.667	Pass
307	14356.708	-8.643	-8.354	Pass
308	14326.399	-36.179	-25.107	Pass
309	14345.313	20.669	7.679	Pass
310	14350.927	-10.921	-12.265	Pass
311	14337.627	-3.249	3.878	Pass
312	14310.694	-9.748	14.089	Pass
313	14312.665	-3.450	8.181	Pass
314	14331.879	41.405	21.651	Pass
315	14293.919	-15.778	13.407	Pass
316	14311.930	14.237	-26.247	Pass
317	14348.220	-35.643	-7.147	Pass
318	14349.924	-15.209	-1.844	Pass
319	14318.647	12.361	-2.635	Pass
320	14378.328	-18.023	-10.317	Pass
321	14355.805	4.924	26.945	Pass
322	14355.070	34.571	-13.059	Pass
323	14371.544	26.766	-10.623	Pass
324	14307.452	-40.634	14.694	Pass
325	14338.329	21.975	0.615	Pass
326	14303.877	21.037	-0.363	Pass
327	14368.203	4.556	-10.355	Pass
328	14350.759	43.850	-29.820	Pass
329	14351.528	36.749	-11.846	Pass
330	14361.352	8.140	-24.356	Pass
331	14346.181	18.458	-7.623	Pass
332	14334.218	28.340	-14.248	Pass
333	14319.850	-13.768	19.469	Pass
334	14346.582	1.072	18.614	Pass
335	14334.085	24.823	-26.826	Pass
336	14339.331	-37.083	-5.017	Pass
337	14322.690	5.996	-13.228	Pass
338	14350.960	-7.001	4.538	Pass
339	14367.367	24.790	19.190	Pass

340	14342.172	10.787	16.734	Pass
341	14351.561	-5.058	-16.700	Pass
342	14326.132	-22.243	14.841	Pass
343	14320.785	-0.703	-28.637	Pass
344	14326.600	-0.536	4.377	Pass
345	14334.853	16.046	-1.156	Pass
346	14321.186	-4.321	4.107	Pass
347	14329.908	25.526	14.731	Pass
348	14322.590	-16.582	1.787	Pass
349	14354.602	-1.876	16.102	Pass
350	14303.977	47.367	-6.098	Pass
351	14275.640	17.486	-10.639	Pass
352	14346.382	1.239	1.436	Pass
353	14342.472	18.324	-4.222	Pass
354	14377.292	5.561	-6.781	Pass
355	14338.195	-0.502	-12.163	Pass
356	14387.350	-47.301	-13.505	Pass
357	14348.019	-16.582	-12.383	Pass
358	14324.595	14.840	4.010	Pass
359	14329.373	17.788	6.175	Pass
360	14354.936	23.215	22.369	Pass
361	14364.026	-13.199	-39.153	Pass
362	14326.900	-2.077	-8.461	Pass
363	14333.417	18.022	-9.379	Pass
364	14363.825	-6.633	9.213	Pass
365	14365.229	1.574	19.142	Pass
366	14347.919	20.501	-23.583	Pass
367	14373.917	12.830	-13.214	Pass
368	14346.248	-15.577	6.738	Pass
369	14372.547	-13.299	-19.397	Pass
370	14343.475	0.536	-5.270	Pass
371	14306.350	40.500	22.557	Pass
372	14345.780	-13.835	-27.739	Pass
373	14321.186	-34.638	-5.517	Pass
374	14399.614	-28.073	-11.951	Pass
375	14381.937	22.311	9.064	Pass
376	14351.595	-12.127	-15.035	Pass
377	14309.123	10.351	-16.182	Pass
378	14324.929	-10.217	-0.538	Pass
379	14335.121	-20.401	18.968	Pass
380	14336.491	-26.833	-1.255	Pass
381	14360.484	34.136	1.005	Pass
382	14337.293	4.288	-9.990	Pass
383	14351.194	-4.120	15.170	Pass
384	14361.954	2.077	19.928	Pass
385	14350.960	21.071	-10.739	Pass
386	14311.730	-15.108	10.858	Pass
387	14374.619	-21.875	11.623	Pass
388	14336.391	29.245	-11.108	Pass
389	14341.035	-1.608	26.273	Pass
390	14344.243	37.184	5.301	Pass
391	14363.591	-0.201	16.502	Pass
392	14333.417	-30.853	7.639	Pass
393	14351.060	11.993	25.153	Pass
394	14359.180	27.268	11.983	Pass
395	14357.409	15.845	2.923	Pass

BG_Bottom+Collar_20171207.txt

396	14368.336	-2.881	-7.717	Pass
397	14336.190	-0.904	-3.561	Pass
398	14373.984	33.030	-3.869	Pass
399	14335.121	41.237	-4.707	Pass
400	14349.556	9.112	11.478	Pass
401	14325.864	-27.737	15.465	Pass
402	14332.481	-4.020	8.697	Pass
403	14385.546	34.873	5.308	Pass
404	14348.253	-7.236	-19.790	Pass
405	14333.617	30.518	7.400	Pass
406	14344.344	-7.872	3.041	Pass
407	14325.096	-3.953	5.186	Pass
408	14366.599	12.730	-7.986	Pass
409	14341.169	-12.696	2.056	Pass
410	14383.374	-32.126	11.121	Pass
411	14318.914	-1.306	-11.513	Pass
412	14358.713	-33.935	-14.698	Pass
413	14341.971	-18.625	11.435	Pass
414	14337.393	26.397	-12.174	Pass
415	14318.413	-1.742	-23.411	Pass
416	14342.439	13.299	20.291	Pass
417	14315.840	-5.929	17.658	Pass
418	14337.426	-47.267	7.715	Pass
419	14297.327	-4.656	9.910	Pass
420	14377.426	0.469	0.987	Pass
421	14375.320	13.098	1.703	Pass
422	14335.589	-0.603	36.702	Pass
423	14313.501	13.198	1.932	Pass
424	14334.152	-15.644	1.263	Pass
425	14315.071	-5.393	-4.246	Pass
426	14337.226	5.326	-13.281	Pass
427	14352.764	-31.054	5.665	Pass
428	14342.974	-38.021	5.395	Pass
429	14357.911	41.238	28.846	Pass
430	14342.840	13.835	5.340	Pass
431	14360.383	-6.130	1.487	Pass
432	14344.544	9.983	-1.575	Pass
433	14347.819	8.442	12.373	Pass
434	14342.706	-17.788	14.864	Pass
435	14368.604	25.627	-6.831	Pass
436	14341.704	-6.365	19.334	Pass
437	14348.120	-0.100	-2.963	Pass
438	14349.256	19.965	-3.705	Pass
439	14353.800	19.765	4.368	Pass
440	14319.783	-10.586	19.536	Pass
441	14326.566	26.799	-13.510	Pass
442	14359.448	-15.711	-8.254	Pass
443	14338.796	14.003	-19.799	Pass
444	14380.032	11.658	-1.694	Pass
445	14309.691	1.507	-0.101	Pass
446	14329.139	-5.259	5.291	Pass
447	14383.908	-22.981	7.213	Pass
448	14365.596	-25.158	-23.123	Pass
449	14310.460	-11.792	-7.963	Pass
450	14329.206	-14.304	8.088	Pass
451	14351.962	4.723	4.871	Pass

BG_Bottom+Collar_20171207.txt

452	14327.201	-56.714	-19.023	Pass
453	14382.338	13.266	-1.502	Pass
454	14351.194	10.586	-11.478	Pass
455	14379.163	15.577	5.921	Pass
456	14345.246	-8.207	3.220	Pass
457	14363.992	3.450	-21.394	Pass
458	14364.861	30.551	-0.072	Pass
459	14353.934	1.574	-14.949	Pass
460	14292.983	7.437	13.763	Pass
461	14371.578	31.389	3.839	Pass
462	14312.999	14.371	13.761	Pass
463	14375.354	-15.343	13.746	Pass
464	14357.142	-6.432	-20.717	Pass
465	14365.596	-30.250	24.189	Pass
466	14380.032	-6.030	4.483	Pass
467	14361.753	-32.662	-12.558	Pass
468	14344.410	-1.072	4.845	Pass
469	14355.037	-31.188	-19.698	Pass
470	14343.775	-19.094	5.377	Pass
471	14356.206	2.043	2.511	Pass
472	14344.611	-49.009	2.717	Pass
473	14355.972	-26.297	-1.529	Pass
474	14334.152	-30.015	5.536	Pass
475	14351.127	46.463	-6.281	Pass
476	14303.142	8.944	-3.004	Pass
477	14354.135	1.239	-14.867	Pass
478	14358.245	21.808	1.709	Pass
479	14315.639	7.370	-9.705	Pass
480	14347.886	8.576	28.320	Pass
481	14381.068	28.709	23.569	Pass
482	14358.445	42.008	6.510	Pass
483	14349.222	-10.686	-24.684	Pass
484	14357.342	16.616	-13.627	Pass
485	14339.365	27.737	12.873	Pass
486	14354.870	17.621	-3.121	Pass
487	14365.162	-12.026	-6.068	Pass
488	14345.714	4.321	3.033	Pass
489	14382.405	-1.373	3.965	Pass
490	14345.413	13.031	1.968	Pass
491	14317.744	-0.067	14.226	Pass
492	14293.852	4.857	14.813	Pass
493	14398.445	14.103	0.986	Pass
494	14337.794	-19.362	-4.469	Pass
495	14368.403	9.212	-23.341	Pass
496	14354.569	0.402	-21.854	Pass
497	14369.573	-7.370	5.131	Pass
498	14392.664	17.755	11.966	Pass
499	14375.888	-1.072	-8.483	Pass
500	14363.925	10.016	-3.105	Pass
501	14361.018	-15.778	18.447	Pass
502	14339.966	-12.294	-13.585	Pass
503	14318.546	-5.896	-0.572	Pass
504	14371.645	23.048	22.012	Pass
505	14338.796	36.112	1.310	Pass
506	14329.574	-6.666	-32.300	Pass
507	14314.804	-13.399	-6.125	Pass

508	14350.325	10.954	-3.096	Pass
509	14392.864	9.648	28.011	Pass
510	14332.548	-40.132	-11.039	Pass
511	14353.399	-8.241	4.477	Pass
512	14346.649	-31.422	-26.158	Pass
513	14337.092	-11.356	-0.155	Pass
514	14331.679	-4.924	3.682	Pass
515	14336.391	9.815	-1.548	Pass
516	14351.929	-7.236	-1.796	Pass
517	14316.274	4.891	-15.477	Pass
518	14330.242	42.108	-8.690	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 16:29:24
Results file name:	7BTQ2924.RTS
Inspection number:	
Item id:	+20
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:	Top and Collar +20cm

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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72361.796 +-	14.393
Doubles:	3617.444 +-	56.322
Triples:	269.625 +-	50.515
Quads:	-181.217 +-	65.312
Quads/Triples:	0.133 +-	0.641
Scaler 1:	3105.645 +-	2.452
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 16:23:00
Results file name:	7BTQ2300.RTS
Inspection number:	
Item id:	+18
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:	Top and Collar +18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72318.434 +-	20.898
Doubles:	3646.112 +-	49.542
Triples:	369.250 +-	70.355
Quads:	73.874 +-	109.104
Quads/Triples:	0.473 +-	0.361
Scaler 1:	3044.301 +-	3.709
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72356.514	3832.373	241.819	Pass
2	72329.850	3679.903	282.561	Pass
3	72409.572	3302.481	307.323	Pass
4	72383.246	3593.826	315.845	Pass
5	72285.151	3529.475	236.523	Pass
6	72388.254	3429.648	-34.673	Pass
7	72425.950	3804.505	483.323	Pass
8	72380.505	3586.575	178.745	Pass
9	72301.664	3565.938	159.645	Pass
10	72357.259	3849.720	525.378	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 16:16:39
Results file name:	7BTQ1639.RTS
Inspection number:	
Item id:	+16
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:	Top and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72344.834 +-	14.690
Doubles:	3516.032 +-	40.999
Triples:	263.899 +-	50.550
Quads:	121.203 +-	91.329
Quads/Triples:	0.237 +-	0.375
Scaler 1:	2979.741 +-	3.428
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72256.322	3607.544	98.736	Pass
2	72250.468	3560.929	423.259	Pass
3	72374.651	3557.407	572.302	Pass
4	72454.949	3726.468	441.330	Pass
5	72272.766	3742.102	197.363	Pass
6	72288.027	3912.311	306.552	Pass
7	72340.610	3647.459	250.173	Pass
8	72375.091	3702.665	838.486	Pass
9	72284.474	3693.172	140.723	Pass
10	72286.978	3311.065	422.778	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 16:09:34
Results file name:	7BTQ0934.RTS
Inspection number:	
Item id:	+14
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:	Top and Collar +14cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	1105.662		
Passive scaler2 bkgrnd:	0.000		

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72306.607	+-	17.401
Doubles:	3564.889	+-	33.081
Triples:	406.490	+-	69.605
Quads:	68.709	+-	126.147
Quads/Triples:	0.374	+-	0.333
Scaler 1:	2880.788	+-	4.735
Scaler 2:	0.000	+-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72338.648	3701.794	171.837	Pass
2	72332.862	3523.008	201.644	Pass
3	72288.162	3599.719	446.784	Pass
4	72356.853	3668.122	429.628	Pass
5	72323.184	3595.744	320.460	Pass
6	72364.331	3311.531	233.355	Pass
7	72293.982	3444.889	347.779	Pass
8	72453.562	3428.729	-112.748	Pass
9	72333.775	3356.492	322.332	Pass
10	72362.977	3530.292	278.822	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 16:00:41
Results file name:	7BTQ0041.RTS
Inspection number:	
Item id:	+12
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:	Top and Collar +12cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	1105.662	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72308.722 +-	11.996
Doubles:	3566.970 +-	52.345
Triples:	228.971 +-	79.887
Quads:	-40.398 +-	124.986
Quads/Triples:	0.838 +-	1.236
Scaler 1:	2787.458 +-	3.189
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72257.946	3486.097	336.481	Pass
2	72264.273	3539.685	902.423	Pass
3	72309.345	3634.127	336.791	Pass
4	72349.273	3341.191	265.680	Pass
5	72252.633	3533.901	287.256	Pass
6	72327.109	3625.493	723.582	Pass
7	72325.925	3556.076	329.878	Pass
8	72421.246	3557.910	306.930	Pass
9	72316.112	3719.214	319.191	Pass
10	72242.212	3655.200	257.182	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:54:16
Results file name:	7BTP5416.RTS
Inspection number:	
Item id:	+10
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:	Top and Collar +10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72359.475 +-	17.143
Doubles:	3534.044 +-	47.018
Triples:	251.650 +-	60.533
Quads:	-199.492 +-	86.884
Quads/Triples:	2.309 +-	3.758
Scaler 1:	2670.898 +-	3.920
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72282.342	3321.467	94.030	Pass
2	72309.920	3716.286	205.352	Pass
3	72335.061	3501.921	381.320	Pass
4	72322.000	3566.409	510.849	Pass
5	72253.784	3604.072	676.298	Pass
6	72314.217	3599.614	-50.780	Pass
7	72330.628	3258.907	-116.602	Pass
8	72332.151	3675.510	168.190	Pass
9	72363.045	3776.360	369.638	Pass
10	72244.073	3649.157	51.112	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:47:52
Results file name:	7BTP4752.RTS
Inspection number:	
Item id:	+8
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:	Top and Collar +8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72314.038 +-	15.635
Doubles:	3552.926 +-	44.097
Triples:	233.628 +-	92.579
Quads:	-41.890 +-	85.763
Quads/Triples:	2.287 +-	2.030
Scaler 1:	2546.395 +-	2.635
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72416.813	3694.475	366.671	Pass
2	72309.615	3713.126	73.883	Pass
3	72303.795	3587.648	180.191	Pass
4	72337.497	3293.331	445.212	Pass
5	72386.799	3662.183	233.621	Pass
6	72283.493	3499.042	41.112	Pass
7	72390.352	3437.310	-4.763	Pass
8	72440.838	3374.168	391.353	Pass
9	72400.199	3422.037	206.406	Pass
10	72325.350	3657.125	583.879	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:41:30
Results file name:	7BTP4130.RTS
Inspection number:	
Item id:	+6
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:	Top and Collar +6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72319.026 +-	16.989
Doubles:	3568.142 +-	65.618
Triples:	217.005 +-	54.855
Quads:	-81.683 +-	70.913
Quads/Triples:	-0.858 +-	0.482
Scaler 1:	2412.285 +-	4.055
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72252.430	3505.530	7.833	Pass
2	72367.850	3467.475	25.346	Pass
3	72337.937	3652.951	734.734	Pass
4	72302.408	3537.190	312.862	Pass
5	72277.910	3593.833	49.979	Pass
6	72404.632	3843.566	438.099	Pass
7	72328.700	3422.158	502.458	Pass
8	72248.235	3551.309	82.263	Pass
9	72297.129	3335.257	-231.930	Pass
10	72323.150	3619.993	412.886	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:35:19
Results file name:	7BTP3519.RTS
Inspection number:	
Item id:	+4
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:	Top and Collar +4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72291.093 +-	16.558
Doubles:	3580.876 +-	49.912
Triples:	291.092 +-	98.621
Quads:	-137.860 +-	123.285
Quads/Triples:	0.454 +-	0.586
Scaler 1:	2251.835 +-	3.533
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72417.795	3973.627	418.765	Pass
2	72257.607	3534.491	513.546	Pass
3	72355.465	3688.317	94.781	Pass
4	72343.893	3820.644	314.471	Pass
5	72314.386	3381.714	91.490	Pass
6	72358.747	3517.131	310.988	Pass
7	72310.630	3343.207	245.121	Pass
8	72236.222	3611.778	-36.803	Pass
9	72276.590	3385.654	63.955	Pass
10	72318.921	3424.860	150.110	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:28:38
Results file name:	7BTP2838.RTS
Inspection number:	
Item id:	+2
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:	Top and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72325.834 +-	14.934
Doubles:	3627.948 +-	42.903
Triples:	144.827 +-	122.505
Quads:	41.307 +-	91.480
Quads/Triples:	-0.009 +-	0.282
Scaler 1:	2079.431 +-	3.599
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72270.905	3620.168	340.766	Pass
2	72217.849	3376.930	466.621	Pass
3	72305.724	3611.213	285.533	Pass
4	72317.669	3619.917	275.187	Pass
5	72295.674	3838.681	-68.904	Pass
6	72241.806	3739.520	-147.741	Pass
7	72279.399	3475.681	776.047	Pass
8	72333.572	3371.433	398.864	Pass
9	72249.250	3704.015	662.170	Pass
10	72399.082	3451.197	-76.432	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:22:17
Results file name:	7BTP2217.RTS
Inspection number:	
Item id:	0
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:	Top and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72263.262 +-	15.100
Doubles:	3574.360 +-	36.507
Triples:	287.782 +-	59.392
Quads:	-43.435 +-	86.114
Quads/Triples:	0.068 +-	0.299
Scaler 1:	1902.148 +-	4.690
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72317.127	3601.060	-112.031	Pass
2	72252.600	3437.833	-274.020	Pass
3	72265.830	3501.837	339.637	Pass
4	72383.314	3703.431	-226.400	Pass
5	72283.121	3812.835	682.770	Pass
6	72387.273	3576.932	332.963	Pass
7	72367.308	3752.769	-138.348	Pass
8	72336.922	3820.497	-240.722	Pass
9	72329.072	3515.927	361.187	Pass
10	72335.772	3556.363	721.926	Pass

0cm_Top+Collar_20171129.txt

Cycle	Singles	Doubles	Triples	QC Tests
1	72245.663	3426.559	311.500	Pass
2	72341.761	3503.406	324.712	Pass
3	72284.474	3786.115	178.529	Pass
4	72272.225	3579.125	448.734	Pass
5	72277.233	3643.017	228.678	Pass
6	72206.886	3617.271	357.667	Pass
7	72300.039	3560.234	231.041	Pass
8	72251.720	3396.170	564.830	Pass
9	72172.677	3671.426	371.766	Pass
10	72279.940	3560.278	-139.124	Pass

-2cm_Top+Collar_20171129.txt

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:15:55
Results file name:	7BTP1555.RTS
Inspection number:	
Item id:	-2
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:	Top and Collar -2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72236.815 +-	12.983
Doubles:	3547.311 +-	37.199
Triples:	284.331 +-	78.943
Quads:	-25.519 +-	113.368
Quads/Triples:	0.048 +-	0.379
Scaler 1:	1734.108 +-	2.511
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72199.002	3470.879	295.385	Pass
2	72237.339	3502.558	299.386	Pass
3	72256.829	3421.249	445.811	Pass
4	72193.047	3513.667	557.816	Pass
5	72263.935	3562.869	379.873	Pass
6	72258.352	3508.285	250.155	Pass
7	72300.412	3733.654	99.947	Pass
8	72220.251	3509.991	-327.421	Pass
9	72270.127	3467.427	463.428	Pass
10	72168.853	3782.529	379.263	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:09:46
Results file name:	7BTP0946.RTS
Inspection number:	
Item id:	-4
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:	Top and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72252.657 +-	17.537
Doubles:	3505.936 +-	46.175
Triples:	199.092 +-	58.716
Quads:	132.721 +-	137.044
Quads/Triples:	-0.001 +-	1.384
Scaler 1:	1559.928 +-	2.751
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 15:03:18
Results file name:	7BTP0318.RTS
Inspection number:	
Item id:	-6
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:	Top and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72246.039 +-	20.348
Doubles:	3556.521 +-	43.027
Triples:	260.459 +-	80.009
Quads:	34.153 +-	119.911
Quads/Triples:	1.168 +-	2.159
Scaler 1:	1405.228 +-	2.210
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72292.054	3397.763	110.086	Pass
2	72221.470	3466.201	-46.349	Pass
3	72258.656	3645.397	100.218	Pass
4	72348.562	3778.437	261.616	Pass
5	72215.751	3376.550	-97.906	Pass
6	72191.964	3468.810	331.935	Pass
7	72221.402	3398.813	487.634	Pass
8	72301.427	3318.775	183.394	Pass
9	72178.937	3624.896	379.541	Pass
10	72296.351	3583.723	279.533	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:56:48
Results file name:	7BT05648.RTS
Inspection number:	
Item id:	-8
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:	Top and Collar -8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72230.744 +-	17.512
Doubles:	3591.408 +-	42.421
Triples:	294.699 +-	71.387
Quads:	131.332 +-	96.326
Quads/Triples:	0.094 +-	0.584
Scaler 1:	1270.158 +-	2.402
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72231.587	3805.040	172.560	Pass
2	72258.081	3395.937	732.724	Pass
3	72209.254	3454.646	37.567	Pass
4	72219.913	3369.926	-42.980	Pass
5	72240.080	3589.424	402.907	Pass
6	72321.661	3682.572	563.791	Pass
7	72244.343	3523.793	260.777	Pass
8	72381.148	3630.645	97.532	Pass
9	72201.607	3484.998	24.070	Pass
10	72152.713	3628.229	354.518	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:50:20
Results file name:	7BT05020.RTS
Inspection number:	
Item id:	-10
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:	Top and Collar -10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72230.146 +-	18.510
Doubles:	3516.496 +-	31.121
Triples:	304.937 +-	71.952
Quads:	8.974 +-	96.498
Quads/Triples:	0.993 +-	1.124
Scaler 1:	1134.735 +-	2.258
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72245.561	3763.086	692.126	Pass
2	72278.180	3731.083	191.811	Pass
3	72208.612	3657.493	216.327	Pass
4	72142.359	3582.571	298.077	Pass
5	72344.265	3460.268	195.029	Pass
6	72233.245	3429.567	290.720	Pass
7	72197.987	3620.729	704.500	Pass
8	72254.968	3572.269	102.874	Pass
9	72188.005	3375.075	210.125	Pass
10	72214.262	3721.933	45.541	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:43:54
Results file name:	7BT04354.RTS
Inspection number:	
Item id:	-12
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:	Top and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72169.683 +-	16.645
Doubles:	3543.722 +-	38.513
Triples:	258.900 +-	91.045
Quads:	-50.821 +-	67.643
Quads/Triples:	-0.240 +-	0.654
Scaler 1:	1025.218 +-	2.454
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72264.375	3447.430	205.428	Pass
2	72231.181	3490.873	547.231	Pass
3	72239.099	3669.930	488.035	Pass
4	72246.374	3486.426	597.077	Pass
5	72273.849	3473.579	170.073	Pass
6	72222.011	3363.575	561.230	Pass
7	72157.890	3548.038	55.868	Pass
8	72151.631	3648.182	39.224	Pass
9	72342.032	3435.879	329.709	Pass
10	72173.015	3601.052	57.375	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:37:08
Results file name:	7BT03708.RTS
Inspection number:	
Item id:	-14
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:	Top and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72186.780 +-	13.923
Doubles:	3597.415 +-	36.824
Triples:	160.211 +-	50.427
Quads:	158.364 +-	74.348
Quads/Triples:	-15.801 +-	16.288
Scaler 1:	927.721 +-	1.725
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72245.764	3565.388	-65.852	Pass
2	72099.895	3496.416	521.572	Pass
3	72219.067	3369.994	-141.931	Pass
4	72185.603	3531.174	345.393	Pass
5	72119.994	3753.547	741.279	Pass
6	72178.463	3655.566	102.636	Pass
7	72145.405	3516.700	384.428	Pass
8	72112.414	3531.634	-40.980	Pass
9	72152.104	3366.172	283.789	Pass
10	72238.117	3650.627	458.812	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:30:34
Results file name:	7BT03034.RTS
Inspection number:	
Item id:	-16
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:	Top and Collar -16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72154.436 +-	18.876
Doubles:	3663.469 +-	39.979
Triples:	225.122 +-	63.839
Quads:	-23.397 +-	83.627
Quads/Triples:	0.432 +-	0.605
Scaler 1:	846.601 +-	2.434
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72268.875	3684.978	45.693	Pass
2	72150.142	3501.628	120.205	Pass
3	72190.712	3363.744	108.608	Pass
4	72165.199	3645.795	-37.529	Pass
5	72177.854	3601.161	466.216	Pass
6	72166.079	3726.817	-2.885	Pass
7	72110.147	3688.416	101.934	Pass
8	72204.280	3596.042	349.353	Pass
9	72208.273	3689.331	272.474	Pass
10	72226.241	3476.235	178.325	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:24:20
Results file name:	7BT02420.RTS
Inspection number:	
Item id:	-18
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:	Top and Collar -18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72122.410 +-	10.483
Doubles:	3562.094 +-	34.732
Triples:	207.340 +-	50.154
Quads:	27.338 +-	70.055
Quads/Triples:	1.155 +-	0.960
Scaler 1:	763.928 +-	1.715
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72203.671	3617.027	97.797	Pass
2	72129.671	3838.083	342.628	Pass
3	72029.482	3764.385	625.866	Pass
4	72125.915	3681.979	161.368	Pass
5	72228.575	3856.315	311.664	Pass
6	72170.410	3497.669	197.502	Pass
7	72156.165	3582.553	-172.204	Pass
8	72187.193	3704.279	178.091	Pass
9	72209.491	3556.173	286.194	Pass
10	72103.786	3536.226	222.774	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.29 14:16:47
Results file name:	7BT01647.RTS
Inspection number:	
Item id:	-20
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:	Top and Collar -20cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	1105.662	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72127.302 +-	14.792
Doubles:	3600.335 +-	34.947
Triples:	260.907 +-	58.381
Quads:	2.049 +-	61.880
Quads/Triples:	2.069 +-	1.163
Scaler 1:	705.008 +-	3.044
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72136.506	3509.614	286.556	Pass
2	72137.352	3613.990	-31.568	Pass
3	72134.374	3731.653	117.498	Pass
4	72080.507	3479.289	251.166	Pass
5	72187.362	3530.421	427.559	Pass
6	72097.120	3374.832	78.509	Pass
7	72106.899	3727.600	211.007	Pass
8	72151.394	3503.313	439.395	Pass
9	72102.940	3584.445	31.110	Pass
10	72089.642	3565.780	261.971	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72107.170	3692.602	26.205	Pass
2	72198.122	3466.963	-30.794	Pass
3	72104.361	3659.387	40.602	Pass
4	72113.835	3507.492	402.196	Pass
5	72085.481	3705.214	333.501	Pass
6	72147.942	3622.143	348.169	Pass
7	72117.422	3687.842	508.819	Pass
8	72072.352	3542.610	244.540	Pass
9	72110.621	3710.604	362.685	Pass
10	72215.717	3408.492	375.204	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:53:14
Results file name:	7BUP5314.RTS
Inspection number:	
Item id:	+20
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:	Top and Collar +20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72416.218 +-	12.860
Doubles:	3539.156 +-	44.287
Triples:	238.805 +-	52.637
Quads:	4.391 +-	69.433
Quads/Triples:	0.043 +-	0.612
Scaler 1:	3089.918 +-	3.882
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:45:54
Results file name:	7BUP4554.RTS
Inspection number:	
Item id:	+18
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:	Top and Collar +18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72476.047 +-	16.406
Doubles:	3628.013 +-	64.363
Triples:	191.272 +-	65.380
Quads:	-35.218 +-	90.119
Quads/Triples:	-4.584 +-	3.147
Scaler 1:	3033.675 +-	3.800
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72441.820	3588.987	370.093	Pass
2	72349.205	3711.184	-18.380	Pass
3	72456.912	3505.022	425.988	Pass
4	72440.432	3221.384	251.046	Pass
5	72356.379	3546.942	183.848	Pass
6	72379.625	3490.502	289.930	Pass
7	72456.472	3525.528	271.325	Pass
8	72438.199	3688.628	-67.498	Pass
9	72432.480	3465.457	409.184	Pass
10	72410.655	3647.925	273.620	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:38:53
Results file name:	7BUP3853.RTS
Inspection number:	
Item id:	+16
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:	Top and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72455.206 +-	9.420
Doubles:	3536.600 +-	58.029
Triples:	255.285 +-	81.717
Quads:	-3.670 +-	81.019
Quads/Triples:	-1.019 +-	0.998
Scaler 1:	2960.601 +-	2.805
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72514.099	3510.553	22.847	Pass
2	72450.584	3453.251	-23.655	Pass
3	72566.379	3683.433	27.723	Pass
4	72490.039	3851.064	306.764	Pass
5	72407.169	3610.790	33.372	Pass
6	72541.305	3525.803	68.896	Pass
7	72471.191	4011.553	504.540	Pass
8	72419.317	3290.470	133.306	Pass
9	72452.783	3673.018	307.171	Pass
10	72447.606	3670.195	530.657	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:32:01
Results file name:	7BUP3201.RTS
Inspection number:	
Item id:	+14
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:	Top and Collar +14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72427.029 +-	22.148
Doubles:	3493.414 +-	31.801
Triples:	372.301 +-	70.856
Quads:	-13.587 +-	115.139
Quads/Triples:	-0.379 +-	0.616
Scaler 1:	2877.341 +-	3.748
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72437.015	3542.335	342.496	Pass
2	72482.392	3482.898	97.287	Pass
3	72460.803	3357.841	-235.840	Pass
4	72456.844	3285.738	378.647	Pass
5	72393.668	3586.317	256.313	Pass
6	72462.359	3739.496	748.241	Pass
7	72478.568	3361.022	227.528	Pass
8	72421.584	3814.254	361.856	Pass
9	72482.459	3749.827	343.409	Pass
10	72476.369	3446.274	33.799	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:25:27
Results file name:	7BUP2527.RTS
Inspection number:	
Item id:	+12
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:	Top and Collar +12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72425.435 +-	18.646
Doubles:	3543.114 +-	39.902
Triples:	206.925 +-	64.389
Quads:	6.493 +-	102.029
Quads/Triples:	-0.133 +-	0.475
Scaler 1:	2772.411 +-	3.183
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72394.683	3568.800	452.278	Pass
2	72339.629	3313.289	342.442	Pass
3	72554.570	3515.514	512.724	Pass
4	72375.328	3629.538	369.976	Pass
5	72439.282	3555.631	121.524	Pass
6	72420.163	3505.115	157.697	Pass
7	72480.734	3526.176	514.321	Pass
8	72505.774	3400.453	192.529	Pass
9	72343.656	3554.174	202.884	Pass
10	72416.475	3365.450	856.721	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:17:54
Results file name:	7BUP1754.RTS
Inspection number:	
Item id:	+10
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:	Top and Collar +10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72394.934 +-	18.231
Doubles:	3549.140 +-	41.192
Triples:	87.217 +-	91.184
Quads:	93.810 +-	120.964
Quads/Triples:	-0.371 +-	1.423
Scaler 1:	2652.988 +-	2.307
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72429.875	3493.792	347.121	Pass
2	72465.337	3578.746	474.815	Pass
3	72429.807	3745.534	55.637	Pass
4	72414.817	3484.912	-195.478	Pass
5	72458.908	3487.095	346.388	Pass
6	72367.444	3722.165	433.576	Pass
7	72316.857	3498.189	139.929	Pass
8	72383.077	3511.837	196.249	Pass
9	72463.544	3310.855	210.948	Pass
10	72524.690	3598.021	60.566	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:11:11
Results file name:	7BUP1111.RTS
Inspection number:	
Item id:	+8
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:	Top and Collar +8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72403.065 +-	9.151
Doubles:	3560.419 +-	40.531
Triples:	334.373 +-	59.575
Quads:	144.548 +-	80.152
Quads/Triples:	-7.698 +-	8.366
Scaler 1:	2534.128 +-	3.285
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72401.823	3474.386	344.337	Pass
2	72294.355	3672.096	657.305	Pass
3	72366.259	3639.076	-169.755	Pass
4	72404.192	3652.485	-195.610	Pass
5	72399.082	3441.305	62.436	Pass
6	72488.347	3596.911	321.846	Pass
7	72462.089	3616.045	19.067	Pass
8	72411.365	3678.530	160.904	Pass
9	72323.320	3302.417	-261.004	Pass
10	72398.507	3418.153	-68.143	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 15:04:01
Results file name:	7BUP0401.RTS
Inspection number:	
Item id:	+6
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:	Top and Collar +6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72367.498 +-	12.749
Doubles:	3456.064 +-	57.180
Triples:	242.063 +-	62.334
Quads:	-42.552 +-	71.704
Quads/Triples:	0.106 +-	0.807
Scaler 1:	2394.565 +-	2.507
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72409.843	3407.244	133.046	Pass
2	72407.068	3493.077	463.752	Pass
3	72347.412	3809.760	327.874	Pass
4	72442.970	3488.312	239.976	Pass
5	72386.088	3646.726	590.880	Pass
6	72431.330	3560.293	-4.125	Pass
7	72402.872	3420.391	396.206	Pass
8	72377.629	3690.166	501.264	Pass
9	72394.176	3480.937	490.793	Pass
10	72431.262	3607.282	205.387	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:57:04
Results file name:	7BU05704.RTS
Inspection number:	
Item id:	+4
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:	Top and Collar +4cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	1105.662		
Passive scaler2 bkgrnd:	0.000		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72391.716	+-	15.157
Doubles:	3610.437	+-	49.789
Triples:	355.287	+-	55.701
Quads:	56.163	+-	115.512
Quads/Triples:	-0.393	+-	0.881
Scaler 1:	2229.061	+-	3.121
Scaler 2:	0.000	+-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72405.647	3411.017	158.960	Pass
2	72343.284	3344.103	196.949	Pass
3	72335.941	3563.885	303.814	Pass
4	72436.575	3615.292	130.849	Pass
5	72405.275	3310.891	118.659	Pass
6	72347.107	3051.328	40.787	Pass
7	72342.167	3492.346	94.287	Pass
8	72311.138	3574.227	201.299	Pass
9	72395.123	3569.316	529.020	Pass
10	72352.724	3628.239	645.737	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:49:35
Results file name:	7BU04935.RTS
Inspection number:	
Item id:	+2
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:	Top and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72353.983 +-	9.283
Doubles:	3638.675 +-	21.599
Triples:	354.731 +-	94.270
Quads:	-10.455 +-	77.840
Quads/Triples:	-0.927 +-	1.015
Scaler 1:	2061.635 +-	2.983
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72365.447	3721.613	220.905	Pass
2	72412.787	3900.458	458.457	Pass
3	72416.373	3565.736	463.682	Pass
4	72429.435	3582.995	706.298	Pass
5	72434.274	3510.869	309.383	Pass
6	72374.820	3486.478	74.419	Pass
7	72271.413	3517.059	386.867	Pass
8	72391.096	3826.167	239.349	Pass
9	72415.223	3403.506	246.745	Pass
10	72406.290	3589.493	446.504	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:42:53
Results file name:	7BU04253.RTS
Inspection number:	
Item id:	0
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:	Top and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72344.729 +-	17.408
Doubles:	3551.935 +-	43.587
Triples:	365.216 +-	88.236
Quads:	-9.159 +-	78.597
Quads/Triples:	-0.395 +-	0.439
Scaler 1:	1889.928 +-	3.277
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72312.627	3577.973	821.817	Pass
2	72373.162	3629.433	165.114	Pass
3	72384.227	3726.995	464.639	Pass
4	72324.267	3764.975	483.546	Pass
5	72359.187	3672.556	222.222	Pass
6	72350.694	3658.325	713.496	Pass
7	72390.250	3577.863	35.371	Pass
8	72309.818	3632.032	26.961	Pass
9	72370.760	3590.032	587.107	Pass
10	72364.838	3556.570	27.198	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:35:58
Results file name:	7BU03558.RTS
Inspection number:	
Item id:	-2
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:	Top and Collar -2cm

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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72336.137 +-	17.122
Doubles:	3549.038 +-	43.512
Triples:	394.760 +-	81.685
Quads:	123.271 +-	125.078
Quads/Triples:	2.572 +-	2.016
Scaler 1:	1715.751 +-	3.183
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72454.340	3577.083	268.035	Pass
2	72293.543	3679.823	286.138	Pass
3	72270.060	3583.553	244.193	Pass
4	72333.369	3551.070	659.899	Pass
5	72335.366	3822.693	100.493	Pass
6	72295.877	3517.948	63.479	Pass
7	72377.257	3305.501	374.494	Pass
8	72330.222	3422.641	707.207	Pass
9	72397.559	3528.788	99.535	Pass
10	72359.695	3530.253	849.700	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:29:07
Results file name:	7BU02907.RTS
Inspection number:	
Item id:	-4
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:	Top and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72295.360 +-	21.206
Doubles:	3537.669 +-	42.601
Triples:	410.119 +-	81.134
Quads:	-72.194 +-	143.006
Quads/Triples:	-0.675 +-	0.372
Scaler 1:	1548.785 +-	3.165
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72329.343	3667.263	556.050	Pass
2	72426.288	3599.822	631.770	Pass
3	72318.751	3501.248	271.196	Pass
4	72370.591	3367.114	548.379	Pass
5	72353.333	3571.566	395.041	Pass
6	72394.345	3801.922	737.290	Pass
7	72251.009	3464.896	368.360	Pass
8	72329.884	3365.074	482.646	Pass
9	72262.209	3499.669	-76.093	Pass
10	72325.620	3651.802	31.475	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:21:59
Results file name:	7BU02159.RTS
Inspection number:	
Item id:	-6
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:	Top and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72305.897 +-	18.528
Doubles:	3584.842 +-	54.933
Triples:	345.313 +-	68.135
Quads:	43.741 +-	151.649
Quads/Triples:	1.862 +-	1.814
Scaler 1:	1399.171 +-	3.524
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72310.833	3651.474	527.487	Pass
2	72339.866	3696.850	664.057	Pass
3	72364.601	3250.530	694.019	Pass
4	72399.387	3677.107	296.484	Pass
5	72201.404	3528.411	425.745	Pass
6	72286.403	3469.095	349.632	Pass
7	72214.465	3585.820	551.642	Pass
8	72214.702	3570.124	396.265	Pass
9	72313.642	3415.683	415.754	Pass
10	72308.296	3531.599	-219.548	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:15:26
Results file name:	7BU01526.RTS
Inspection number:	
Item id:	-8
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:	Top and Collar -8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72271.603 +-	19.804
Doubles:	3555.666 +-	48.809
Triples:	338.470 +-	75.629
Quads:	164.175 +-	108.807
Quads/Triples:	-2.340 +-	2.176
Scaler 1:	1254.138 +-	3.527
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72308.533	3526.310	97.208	Pass
2	72267.048	3330.070	648.332	Pass
3	72278.519	3402.830	-17.826	Pass
4	72246.441	3554.845	559.953	Pass
5	72234.700	3497.369	515.051	Pass
6	72357.123	3812.040	432.405	Pass
7	72329.613	3658.573	436.723	Pass
8	72424.258	3498.354	205.412	Pass
9	72269.958	3877.871	375.158	Pass
10	72342.776	3690.155	199.561	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 14:08:13
Results file name:	7BU00813.RTS
Inspection number:	
Item id:	-10
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:	Top and Collar -10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72260.920 +-	15.792
Doubles:	3489.655 +-	43.317
Triples:	314.900 +-	67.720
Quads:	71.040 +-	117.611
Quads/Triples:	4.397 +-	5.414
Scaler 1:	1130.501 +-	1.362
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72371.673	3543.698	16.761	Pass
2	72174.504	3518.934	186.601	Pass
3	72230.436	3418.504	587.815	Pass
4	72319.631	3420.190	-85.988	Pass
5	72254.664	3783.844	503.969	Pass
6	72305.826	3549.628	456.214	Pass
7	72271.447	3811.824	586.473	Pass
8	72189.798	3348.700	295.773	Pass
9	72267.217	3497.408	298.241	Pass
10	72330.831	3663.933	537.566	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 11:58:44
Results file name:	7BUL5844.RTS
Inspection number:	
Item id:	-12
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:	Top and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72219.250 +-	17.772
Doubles:	3569.073 +-	53.581
Triples:	300.800 +-	78.135
Quads:	100.839 +-	82.540
Quads/Triples:	0.706 +-	0.460
Scaler 1:	1026.851 +-	3.121
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72296.351	3381.762	220.353	Pass
2	72206.818	3534.257	254.004	Pass
3	72279.602	3662.975	647.953	Pass
4	72315.469	3333.114	508.766	Pass
5	72185.095	3643.587	370.601	Pass
6	72248.810	3421.617	541.998	Pass
7	72305.386	3434.633	312.488	Pass
8	72195.347	3386.693	289.833	Pass
9	72311.646	3709.625	9.338	Pass
10	72264.679	3388.285	-5.831	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 11:52:25
Results file name:	7BUL5225.RTS
Inspection number:	
Item id:	-14
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:	Top and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72209.590 +-	14.592
Doubles:	3481.205 +-	44.233
Triples:	344.996 +-	51.346
Quads:	42.047 +-	100.624
Quads/Triples:	-0.240 +-	0.354
Scaler 1:	933.461 +-	2.577
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72202.352	3449.554	60.561	Pass
2	72152.646	3273.715	71.065	Pass
3	72312.864	3630.696	75.530	Pass
4	72252.160	3568.109	365.405	Pass
5	72184.114	3664.159	782.828	Pass
6	72270.601	3848.917	463.457	Pass
7	72278.214	3648.376	94.839	Pass
8	72188.377	3551.545	150.565	Pass
9	72147.604	3694.612	505.881	Pass
10	72203.570	3361.046	435.512	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 11:46:01
Results file name:	7BUL4601.RTS
Inspection number:	
Item id:	-16
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:	Top and Collar -16cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	1105.662	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72179.059 +-	12.612
Doubles:	3541.325 +-	39.009
Triples:	260.894 +-	81.388
Quads:	88.829 +-	99.049
Quads/Triples:	0.352 +-	0.274
Scaler 1:	839.418 +-	2.884
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72217.443	3367.897	284.444	Pass
2	72183.166	3412.953	566.737	Pass
3	72104.598	3683.086	40.736	Pass
4	72258.047	3773.063	287.764	Pass
5	72232.839	3418.267	404.906	Pass
6	72227.154	3407.750	342.485	Pass
7	72252.058	3337.266	375.233	Pass
8	72172.339	3508.112	424.517	Pass
9	72210.134	3446.747	165.733	Pass
10	72238.117	3456.913	558.491	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 11:39:17
Results file name:	7BUL3917.RTS
Inspection number:	
Item id:	-18
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:	Top and Collar -18cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	1105.662	
Passive scaler2 bkgrnd:	0.000	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72169.957 +-	15.411
Doubles:	3532.838 +-	48.696
Triples:	233.429 +-	48.061
Quads:	90.326 +-	60.213
Quads/Triples:	0.457 +-	0.869
Scaler 1:	764.271 +-	1.977
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72216.089	3357.179	305.829	Pass
2	72169.429	3490.764	253.768	Pass
3	72190.577	3686.664	237.823	Pass
4	72117.490	3584.669	162.585	Pass
5	72112.313	3514.496	224.479	Pass
6	72194.502	3370.343	760.045	Pass
7	72214.837	3544.948	172.024	Pass
8	72153.153	3689.433	496.159	Pass
9	72205.972	3484.282	-258.824	Pass
10	72216.225	3690.475	255.575	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.30 11:32:22
Results file name:	7BUL3222.RTS
Inspection number:	
Item id:	-20
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:	Top and Collar -20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72171.043 +- 20.381
Doubles:	3589.277 +- 41.387
Triples:	416.618 +- 71.726
Quads:	87.750 +- 101.747
Quads/Triples:	-0.284 +- 0.437
Scaler 1:	701.995 +- 3.418
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72194.603	3487.669	264.644	Pass
2	72090.861	3355.454	378.478	Pass
3	72168.718	3898.171	21.601	Pass
4	72238.794	3397.288	30.044	Pass
5	72154.879	3426.314	442.386	Pass
6	72092.925	3553.591	347.024	Pass
7	72165.910	3623.128	185.426	Pass
8	72178.328	3458.455	340.824	Pass
9	72224.007	3580.920	64.507	Pass
10	72190.543	3547.391	259.072	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72223.669	3772.538	160.799	Pass
2	72143.882	3347.788	483.456	Pass
3	72154.845	3675.525	831.739	Pass
4	72038.855	3603.049	395.858	Pass
5	72199.509	3624.131	618.585	Pass
6	72128.656	3510.875	111.487	Pass
7	72128.859	3624.215	466.640	Pass
8	72225.631	3565.878	459.108	Pass
9	72212.570	3433.767	496.021	Pass
10	72253.953	3735.002	141.310	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 16:25:38
Results file name:	7C1Q2538.RTS
Inspection number:	
Item id:	+20
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:	Top and Collar +20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72384.745 +-	20.517
Doubles:	3595.668 +-	41.061
Triples:	193.841 +-	98.786
Quads:	19.209 +-	124.606
Quads/Triples:	0.375 +-	0.518
Scaler 1:	3104.231 +-	6.309
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 16:19:13
Results file name:	7C1Q1913.RTS
Inspection number:	
Item id:	+18
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:	Top and Collar +18cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	1105.662		
Passive scaler2 bkgrnd:	0.000		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72370.530	+-	17.616
Doubles:	3553.132	+-	47.165
Triples:	335.878	+-	55.230
Quads:	33.301	+-	109.818
Quads/Triples:	-1.338	+-	1.397
Scaler 1:	3041.928	+-	2.544
Scaler 2:	0.000	+-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72320.782	3631.222	254.081	Pass
2	72290.633	3794.538	-187.863	Pass
3	72414.783	3555.738	162.167	Pass
4	72475.929	3690.531	549.592	Pass
5	72404.192	3530.342	-285.927	Pass
6	72421.889	3335.469	400.695	Pass
7	72324.165	3527.428	252.707	Pass
8	72318.548	3743.913	495.122	Pass
9	72436.778	3555.216	-189.347	Pass
10	72439.756	3592.282	489.328	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 16:12:22
Results file name:	7C1Q1222.RTS
Inspection number:	
Item id:	+16
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:	Top and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72382.938 +-	15.960
Doubles:	3500.621 +-	47.358
Triples:	165.716 +-	63.060
Quads:	-119.078 +-	65.127
Quads/Triples:	-0.863 +-	0.472
Scaler 1:	2958.928 +-	3.984
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72401.248	3349.735	441.553	Pass
2	72280.786	3653.497	465.188	Pass
3	72451.734	3574.195	248.875	Pass
4	72350.153	3702.187	286.465	Pass
5	72370.489	3374.017	204.864	Pass
6	72343.216	3386.591	634.941	Pass
7	72300.378	3493.773	384.789	Pass
8	72405.376	3770.714	210.760	Pass
9	72362.165	3676.956	457.381	Pass
10	72439.756	3549.655	24.141	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 16:06:05
Results file name:	7C1Q0605.RTS
Inspection number:	
Item id:	+14
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:	Top and Collar +14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72364.933 +-	17.297
Doubles:	3598.763 +-	25.036
Triples:	263.287 +-	85.197
Quads:	37.759 +-	93.397
Quads/Triples:	1.024 +-	0.548
Scaler 1:	2881.281 +-	4.310
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72416.103	3556.290	53.648	Pass
2	72358.003	3698.624	-154.071	Pass
3	72431.194	3437.496	278.102	Pass
4	72335.366	3645.803	362.931	Pass
5	72398.405	3374.840	108.621	Pass
6	72377.730	3562.253	481.682	Pass
7	72486.283	3404.243	-104.438	Pass
8	72359.187	3256.638	131.890	Pass
9	72328.734	3387.364	245.681	Pass
10	72338.377	3682.662	254.526	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:59:45
Results file name:	7C1P5945.RTS
Inspection number:	
Item id:	+12
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:	Top and Collar +12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72329.827 +-	16.981
Doubles:	3602.800 +-	46.417
Triples:	276.929 +-	89.606
Quads:	-90.365 +-	90.278
Quads/Triples:	-0.425 +-	0.481
Scaler 1:	2781.771 +-	3.043
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72314.150	3586.527	524.459	Pass
2	72395.665	3543.143	-10.040	Pass
3	72320.173	3553.287	-171.473	Pass
4	72346.498	3471.743	440.396	Pass
5	72408.117	3746.330	227.513	Pass
6	72356.277	3588.091	-110.994	Pass
7	72354.213	3702.982	282.792	Pass
8	72308.059	3634.675	515.773	Pass
9	72489.532	3571.116	441.510	Pass
10	72356.650	3589.740	492.780	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:53:26
Results file name:	7C1P5326.RTS
Inspection number:	
Item id:	+10
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:	Top and Collar +10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72337.447 +-	22.111
Doubles:	3549.289 +-	48.503
Triples:	361.719 +-	75.279
Quads:	156.264 +-	52.944
Quads/Triples:	0.647 +-	0.248
Scaler 1:	2666.798 +-	2.752
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72394.954	3750.022	132.757	Pass
2	72279.500	3706.802	-161.102	Pass
3	72268.097	3820.028	510.707	Pass
4	72380.471	3742.310	365.096	Pass
5	72274.594	3497.966	-45.609	Pass
6	72305.961	3485.914	433.944	Pass
7	72318.718	3486.445	407.265	Pass
8	72420.671	3492.956	84.547	Pass
9	72310.055	3648.519	251.218	Pass
10	72345.246	3397.035	790.903	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:46:48
Results file name:	7C1P4648.RTS
Inspection number:	
Item id:	+8
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:	Top and Collar +8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72345.551 +-	13.155
Doubles:	3656.836 +-	42.863
Triples:	315.280 +-	68.529
Quads:	-35.801 +-	89.155
Quads/Triples:	-0.751 +-	0.484
Scaler 1:	2547.085 +-	3.171
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72269.823	3323.788	135.369	Pass
2	72234.801	3645.883	614.020	Pass
3	72288.941	3550.981	913.425	Pass
4	72472.613	3532.212	250.719	Pass
5	72364.737	3421.170	422.014	Pass
6	72328.226	3666.987	354.056	Pass
7	72297.095	3621.987	184.556	Pass
8	72395.394	3612.252	234.624	Pass
9	72337.700	3322.732	209.690	Pass
10	72385.141	3794.903	298.127	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:40:28
Results file name:	7C1P4028.RTS
Inspection number:	
Item id:	+6
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:	Top and Collar +6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72322.738 +-	18.895
Doubles:	3571.769 +-	34.074
Triples:	193.152 +-	77.063
Quads:	150.574 +-	111.974
Quads/Triples:	-5.004 +-	5.901
Scaler 1:	2401.528 +-	5.153
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72395.191	3774.067	585.903	Pass
2	72349.544	3610.992	160.952	Pass
3	72380.099	3551.059	595.783	Pass
4	72319.631	3617.962	351.219	Pass
5	72318.819	3591.960	409.693	Pass
6	72389.946	3903.278	411.056	Pass
7	72343.825	3745.010	-98.446	Pass
8	72272.225	3504.043	78.680	Pass
9	72304.540	3494.087	332.318	Pass
10	72381.689	3775.904	323.275	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:33:41
Results file name:	7C1P3341.RTS
Inspection number:	
Item id:	+4
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:	Top and Collar +4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72329.367 +-	22.829
Doubles:	3641.506 +-	43.799
Triples:	88.100 +-	80.074
Quads:	-115.536 +-	87.065
Quads/Triples:	-0.414 +-	0.885
Scaler 1:	2242.221 +-	3.239
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72368.391	3532.806	204.725	Pass
2	72232.839	3449.728	-60.088	Pass
3	72407.982	3461.375	193.100	Pass
4	72293.306	3454.918	248.322	Pass
5	72234.192	3553.456	262.661	Pass
6	72365.041	3675.311	8.701	Pass
7	72332.760	3533.793	662.771	Pass
8	72358.274	3601.455	172.086	Pass
9	72353.367	3740.111	-194.005	Pass
10	72281.226	3714.738	432.755	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:27:14
Results file name:	7C1P2714.RTS
Inspection number:	
Item id:	+2
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:	Top and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72275.294 +-	19.857
Doubles:	3528.793 +-	50.015
Triples:	305.456 +-	81.015
Quads:	-112.811 +-	77.347
Quads/Triples:	0.139 +-	0.838
Scaler 1:	2066.935 +-	3.389
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72324.504	3800.868	221.932	Pass
2	72388.795	3852.441	151.440	Pass
3	72431.161	3618.960	-242.829	Pass
4	72249.385	3787.924	-291.929	Pass
5	72221.063	3486.052	56.566	Pass
6	72403.616	3430.937	346.301	Pass
7	72358.206	3621.960	425.082	Pass
8	72271.481	3653.829	78.225	Pass
9	72372.215	3627.851	312.041	Pass
10	72273.240	3534.235	-175.903	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:19:50
Results file name:	7C1P1950.RTS
Inspection number:	
Item id:	0
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:	Top and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72310.472 +-	18.345
Doubles:	3489.596 +-	47.035
Triples:	179.082 +-	63.293
Quads:	-15.496 +-	101.611
Quads/Triples:	-1.323 +-	1.416
Scaler 1:	1895.681 +-	3.364
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72292.494	3668.350	201.622	Pass
2	72374.177	3373.541	182.700	Pass
3	72194.129	3470.701	850.044	Pass
4	72291.851	3482.772	320.135	Pass
5	72208.679	3399.588	346.200	Pass
6	72270.466	3310.909	217.159	Pass
7	72240.283	3836.959	36.354	Pass
8	72292.798	3507.159	652.420	Pass
9	72370.455	3626.613	129.458	Pass
10	72217.612	3611.343	118.908	Pass

-2cm_Top+Collar_20171201.txt

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:13:20
Results file name:	7C1P1320.RTS
Inspection number:	
Item id:	-2
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:	Top and Collar -2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72320.917 +-	15.383
Doubles:	3572.397 +-	52.364
Triples:	385.671 +-	69.359
Quads:	123.634 +-	70.597
Quads/Triples:	-1.138 +-	1.268
Scaler 1:	1721.758 +-	2.104
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

0cm_Top+Collar_20171201.txt

Cycle	Singles	Doubles	Triples	QC Tests
1	72246.035	3391.045	120.552	Pass
2	72337.700	3385.932	435.689	Pass
3	72351.878	3357.784	195.485	Pass
4	72345.754	3454.362	-107.217	Pass
5	72380.099	3632.876	19.329	Pass
6	72306.570	3536.852	556.997	Pass
7	72185.806	3270.971	62.624	Pass
8	72285.997	3512.955	299.262	Pass
9	72344.468	3579.352	80.304	Pass
10	72320.409	3773.832	125.367	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:07:02
Results file name:	7C1P0702.RTS
Inspection number:	
Item id:	-4
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:	Top and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72275.765 +-	21.172
Doubles:	3649.784 +-	37.068
Triples:	198.017 +-	63.443
Quads:	121.041 +-	128.843
Quads/Triples:	0.682 +-	0.562
Scaler 1:	1555.445 +-	2.040
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72311.815	3750.018	476.572	Pass
2	72351.608	3486.210	428.403	Pass
3	72314.183	3814.456	461.866	Pass
4	72339.257	3578.040	748.237	Pass
5	72369.102	3206.707	104.278	Pass
6	72225.834	3562.822	307.327	Pass
7	72341.287	3638.426	425.023	Pass
8	72252.363	3633.471	-41.465	Pass
9	72326.162	3565.934	491.158	Pass
10	72377.561	3487.890	457.263	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 15:00:11
Results file name:	7C1P0011.RTS
Inspection number:	
Item id:	-6
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:	Top and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72234.937 +-	15.037
Doubles:	3561.673 +-	48.118
Triples:	299.538 +-	84.401
Quads:	-22.686 +-	93.770
Quads/Triples:	0.918 +-	1.698
Scaler 1:	1391.661 +-	3.193
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72297.908	3606.841	251.021	Pass
2	72276.319	3743.034	252.601	Pass
3	72258.183	3687.197	283.545	Pass
4	72173.997	3656.316	206.861	Pass
5	72263.089	3567.882	445.161	Pass
6	72352.284	3475.872	393.162	Pass
7	72282.985	3762.448	-167.918	Pass
8	72331.745	3505.249	201.972	Pass
9	72162.221	3640.777	-138.133	Pass
10	72358.917	3852.229	252.256	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:53:49
Results file name:	7C105349.RTS
Inspection number:	
Item id:	-8
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:	Top and Collar -8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72253.608 +-	14.326
Doubles:	3585.776 +-	22.458
Triples:	272.664 +-	66.119
Quads:	-109.608 +-	75.091
Quads/Triples:	-2.824 +-	2.474
Scaler 1:	1257.055 +-	1.941
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72222.518	3589.745	119.509	Pass
2	72289.956	3710.731	37.771	Pass
3	72306.570	3420.895	399.511	Pass
4	72218.289	3504.081	78.305	Pass
5	72228.305	3580.994	-20.576	Pass
6	72231.147	3545.552	199.215	Pass
7	72253.039	3783.739	358.349	Pass
8	72134.983	3248.795	508.937	Pass
9	72256.694	3680.875	839.311	Pass
10	72207.867	3551.328	472.744	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72159.108	3673.195	373.587	Pass
2	72242.990	3637.650	5.326	Pass
3	72238.896	3596.566	295.645	Pass
4	72326.906	3717.132	174.919	Pass
5	72284.711	3535.005	387.632	Pass
6	72264.070	3580.798	225.553	Pass
7	72282.038	3560.212	-122.486	Pass
8	72239.538	3544.841	580.169	Pass
9	72276.624	3504.563	430.205	Pass
10	72221.199	3507.794	376.170	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:47:28
Results file name:	7C104728.RTS
Inspection number:	
Item id:	-10
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:	Top and Collar -10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72241.247 +-	15.102
Doubles:	3606.413 +-	20.946
Triples:	204.982 +-	90.063
Quads:	56.348 +-	114.221
Quads/Triples:	0.744 +-	0.643
Scaler 1:	1128.991 +-	1.955
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:41:00
Results file name:	7C104100.RTS
Inspection number:	
Item id:	-12
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:	Top and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72208.595 +-	20.135
Doubles:	3604.085 +-	21.571
Triples:	116.331 +-	79.167
Quads:	-72.520 +-	127.292
Quads/Triples:	2.812 +-	2.254
Scaler 1:	1022.728 +-	2.046
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72236.730	3557.340	190.755	Pass
2	72244.919	3632.466	-88.117	Pass
3	72289.042	3556.339	488.278	Pass
4	72212.841	3614.943	88.880	Pass
5	72232.839	3696.369	170.782	Pass
6	72273.612	3552.920	-98.534	Pass
7	72194.874	3614.131	444.249	Pass
8	72251.720	3557.049	314.261	Pass
9	72321.086	3735.775	-166.177	Pass
10	72154.811	3546.798	704.877	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:33:45
Results file name:	7C103345.RTS
Inspection number:	
Item id:	-14
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:	Top and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72212.987 +-	20.628
Doubles:	3596.431 +-	37.355
Triples:	283.682 +-	79.516
Quads:	90.035 +-	100.722
Quads/Triples:	0.491 +-	0.688
Scaler 1:	926.255 +-	2.104
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72352.488	3673.475	-418.697	Pass
2	72214.499	3664.266	123.874	Pass
3	72181.068	3538.725	525.322	Pass
4	72221.165	3622.098	101.047	Pass
5	72265.221	3600.308	173.833	Pass
6	72180.730	3582.859	187.320	Pass
7	72200.964	3617.676	18.914	Pass
8	72187.125	3651.730	341.586	Pass
9	72117.794	3641.888	-75.790	Pass
10	72164.894	3447.827	185.057	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:27:30
Results file name:	7C102730.RTS
Inspection number:	
Item id:	-16
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:	Top and Collar -16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72186.472 +-	21.509
Doubles:	3582.876 +-	41.554
Triples:	233.895 +-	73.921
Quads:	-70.850 +-	96.793
Quads/Triples:	30.665 +-	30.764
Scaler 1:	835.585 +-	2.059
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72304.946	3723.046	263.899	Pass
2	72120.095	3668.234	325.829	Pass
3	72210.845	3480.270	248.135	Pass
4	72204.619	3441.520	226.863	Pass
5	72133.156	3517.716	-194.272	Pass
6	72315.638	3471.259	181.566	Pass
7	72188.073	3584.585	607.169	Pass
8	72177.346	3587.354	55.013	Pass
9	72215.785	3729.423	640.610	Pass
10	72259.367	3760.906	481.540	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:21:00
Results file name:	7C102100.RTS
Inspection number:	
Item id:	-18
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:	Top and Collar -18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72151.590 +-	17.902
Doubles:	3488.644 +-	38.905
Triples:	276.994 +-	61.520
Quads:	126.776 +-	76.480
Quads/Triples:	0.751 +-	0.494
Scaler 1:	769.605 +-	2.764
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72169.259	3357.949	368.633	Pass
2	72202.995	3528.826	481.912	Pass
3	72303.795	3685.160	346.286	Pass
4	72184.080	3583.138	14.372	Pass
5	72265.695	3393.232	-1.269	Pass
6	72244.005	3678.352	40.022	Pass
7	72150.683	3747.027	442.640	Pass
8	72094.684	3518.493	529.512	Pass
9	72114.444	3651.157	-122.984	Pass
10	72135.085	3685.426	240.209	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72169.801	3511.887	285.730	Pass
2	72166.180	3442.367	216.096	Pass
3	72086.496	3509.725	329.657	Pass
4	72247.016	3421.100	-86.362	Pass
5	72199.171	3522.913	585.651	Pass
6	72101.587	3575.273	212.772	Pass
7	72114.004	3308.051	342.764	Pass
8	72073.130	3467.912	41.512	Pass
9	72157.890	3757.889	397.024	Pass
10	72200.626	3369.320	445.571	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.01 14:13:37
Results file name:	7C101337.RTS
Inspection number:	
Item id:	-20
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:	Top and Collar -20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72109.982 +-	16.626
Doubles:	3555.562 +-	28.482
Triples:	160.577 +-	40.864
Quads:	46.255 +-	113.488
Quads/Triples:	1.123 +-	0.826
Scaler 1:	700.411 +-	2.437
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

-20cm_Top+Collar_20171201.txt

Cycle	Singles	Doubles	Triples	QC Tests
1	72157.653	3574.828	110.795	Pass
2	72132.581	3546.496	387.624	Pass
3	72087.274	3511.409	88.379	Pass
4	72080.879	3509.753	302.903	Pass
5	72119.824	3372.660	175.528	Pass
6	72125.915	3617.823	121.308	Pass
7	72110.959	3578.136	-74.301	Pass
8	72122.937	3582.924	96.934	Pass
9	72176.670	3534.564	140.574	Pass
10	71985.124	3727.030	257.369	Pass

+20cm_Bottom+Collar_20171204.txt

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 16:32:40
Results file name:	7C4Q3240.RTS
Inspection number:	
Item id:	+20
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:	Bottom and Collar +20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72433.327 +-	23.495
Doubles:	3564.691 +-	52.919
Triples:	307.235 +-	80.302
Quads:	100.850 +-	145.316
Quads/Triples:	-5.828 +-	5.275
Scaler 1:	0.000 +-	0.000
Scaler 2:	3126.985 +-	4.565

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 16:26:25
Results file name:	7C4Q2625.RTS
Inspection number:	
Item id:	+18
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:	Bottom and Collar +18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72465.882 +-	18.485
Doubles:	3608.640 +-	42.928
Triples:	318.012 +-	82.435
Quads:	94.345 +-	165.384
Quads/Triples:	-0.262 +-	1.446
Scaler 1:	0.000 +-	0.000
Scaler 2:	3059.045 +-	4.017

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72432.920	3656.746	139.923	Pass
2	72314.860	3843.172	441.550	Pass
3	72361.353	3431.505	809.098	Pass
4	72340.137	3569.248	10.641	Pass
5	72512.373	3595.258	358.900	Pass
6	72519.547	3275.848	156.940	Pass
7	72469.804	3533.548	308.726	Pass
8	72414.343	3388.941	486.972	Pass
9	72507.466	3735.604	409.719	Pass
10	72460.465	3617.039	-48.266	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 16:19:56
Results file name:	7C4Q1956.RTS
Inspection number:	
Item id:	+16
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:	Bottom and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72395.800 +-	18.365
Doubles:	3581.935 +-	46.679
Triples:	240.056 +-	55.117
Quads:	140.675 +-	103.248
Quads/Triples:	0.517 +-	1.204
Scaler 1:	0.000 +-	0.000
Scaler 2:	2987.835 +-	2.107

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72493.559	3586.750	349.040	Pass
2	72403.380	3838.034	316.910	Pass
3	72389.878	3609.051	537.962	Pass
4	72452.310	3836.931	151.639	Pass
5	72523.641	3616.981	96.651	Pass
6	72454.035	3464.624	263.005	Pass
7	72567.767	3634.864	758.938	Pass
8	72511.222	3529.270	101.584	Pass
9	72460.397	3517.804	-44.531	Pass
10	72402.635	3452.094	649.402	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 16:12:57
Results file name:	7C4Q1257.RTS
Inspection number:	
Item id:	+14
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:	Bottom and Collar +14cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72432.420	+-	13.644
Doubles:	3634.759	+-	34.942
Triples:	345.776	+-	96.036
Quads:	64.544	+-	99.320
Quads/Triples:	-0.025	+-	0.391
Scaler 1:	0.000	+-	0.000
Scaler 2:	2903.198	+-	3.838

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72444.696	3526.888	386.554	Pass
2	72300.818	3654.827	199.794	Pass
3	72460.329	3486.409	-36.560	Pass
4	72381.588	3760.550	373.413	Pass
5	72397.052	3656.701	266.435	Pass
6	72449.366	3466.886	-74.100	Pass
7	72385.784	3562.092	226.632	Pass
8	72395.022	3281.306	398.550	Pass
9	72300.039	3752.441	416.886	Pass
10	72443.309	3671.254	245.292	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 16:06:34
Results file name:	7C4Q0634.RTS
Inspection number:	
Item id:	+12
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:	Bottom and Collar +12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72394.308 +-	17.641
Doubles:	3625.592 +-	33.325
Triples:	234.500 +-	67.177
Quads:	50.897 +-	123.011
Quads/Triples:	0.250 +-	0.424
Scaler 1:	0.000 +-	0.000
Scaler 2:	2804.378 +-	3.942

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72448.215	3656.319	658.785	Pass
2	72421.517	3529.023	191.753	Pass
3	72415.291	3624.058	145.484	Pass
4	72382.705	3635.284	243.194	Pass
5	72424.224	3790.420	599.482	Pass
6	72487.637	3835.020	176.285	Pass
7	72392.450	3671.946	808.958	Pass
8	72519.986	3508.465	422.024	Pass
9	72399.827	3575.951	-232.591	Pass
10	72432.345	3521.102	444.374	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:57:16
Results file name:	7C4P5716.RTS
Inspection number:	
Item id:	+10
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:	Bottom and Collar +10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72374.438 +-	19.697
Doubles:	3539.995 +-	50.876
Triples:	379.824 +-	32.089
Quads:	55.604 +-	103.179
Quads/Triples:	0.081 +-	0.297
Scaler 1:	0.000 +-	0.000
Scaler 2:	2685.305 +-	3.620

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72356.582	3531.108	387.208	Pass
2	72496.976	3558.450	139.903	Pass
3	72396.544	3541.461	-85.882	Pass
4	72394.988	3690.325	284.561	Pass
5	72325.756	3563.288	-121.961	Pass
6	72403.752	3853.594	522.825	Pass
7	72474.507	3704.407	146.712	Pass
8	72347.581	3634.106	294.667	Pass
9	72345.212	3517.390	389.236	Pass
10	72401.180	3661.789	386.884	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:48:45
Results file name:	7C4P4845.RTS
Inspection number:	
Item id:	+8
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:	Bottom and Collar +8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72369.187 +-	12.446
Doubles:	3594.259 +-	53.879
Triples:	282.274 +-	69.415
Quads:	-1.571 +-	94.489
Quads/Triples:	-2.398 +-	2.526
Scaler 1:	0.000 +-	0.000
Scaler 2:	2563.488 +-	3.200

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72403.481	3393.531	469.432	Pass
2	72295.404	3299.190	365.411	Pass
3	72382.163	3415.008	255.606	Pass
4	72326.162	3608.319	383.317	Pass
5	72320.748	3684.323	221.374	Pass
6	72449.129	3607.510	430.062	Pass
7	72407.372	3638.784	305.860	Pass
8	72321.594	3553.803	546.131	Pass
9	72352.386	3812.652	466.879	Pass
10	72485.945	3386.827	355.043	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:41:45
Results file name:	7C4P4145.RTS
Inspection number:	
Item id:	+6
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:	Bottom and Collar +6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72381.253 +-	20.350
Doubles:	3508.038 +-	33.420
Triples:	268.206 +-	90.701
Quads:	-13.686 +-	58.195
Quads/Triples:	-1.559 +-	1.401
Scaler 1:	0.000 +-	0.000
Scaler 2:	2421.458 +-	3.023

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72325.079	3803.548	172.829	Pass
2	72330.595	3528.157	424.983	Pass
3	72378.678	3703.700	269.401	Pass
4	72354.585	3667.638	212.790	Pass
5	72413.869	3807.031	425.715	Pass
6	72311.950	3353.822	21.634	Pass
7	72423.547	3493.681	656.277	Pass
8	72401.654	3706.855	158.226	Pass
9	72357.902	3543.029	-32.744	Pass
10	72394.006	3335.128	513.064	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:35:18
Results file name:	7C4P3518.RTS
Inspection number:	
Item id:	+4
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:	Bottom and Collar +4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72364.223 +-	20.138
Doubles:	3592.198 +-	26.368
Triples:	229.265 +-	76.174
Quads:	77.277 +-	118.993
Quads/Triples:	1.164 +-	0.886
Scaler 1:	0.000 +-	0.000
Scaler 2:	2262.068 +-	3.185

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72285.557	3531.949	197.944	Pass
2	72281.226	3586.006	180.254	Pass
3	72379.084	3465.462	333.034	Pass
4	72356.040	3523.345	-302.310	Pass
5	72370.692	3534.938	520.225	Pass
6	72391.232	3546.092	457.138	Pass
7	72445.407	3347.175	407.049	Pass
8	72464.627	3374.230	712.012	Pass
9	72458.773	3455.665	-7.181	Pass
10	72379.896	3715.517	186.265	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:28:58
Results file name:	7C4P2858.RTS
Inspection number:	
Item id:	+2
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:	Bottom and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72312.417 +-	18.592
Doubles:	3594.163 +-	54.187
Triples:	283.073 +-	56.502
Quads:	-50.615 +-	63.707
Quads/Triples:	-0.961 +-	1.143
Scaler 1:	0.000 +-	0.000
Scaler 2:	2087.955 +-	2.981

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72257.235	3642.064	120.448	Pass
2	72348.122	3711.561	417.607	Pass
3	72384.227	3462.068	122.207	Pass
4	72395.225	3559.046	684.420	Pass
5	72467.706	3710.924	65.186	Pass
6	72395.631	3579.965	-78.240	Pass
7	72341.930	3576.876	548.886	Pass
8	72325.451	3607.184	132.486	Pass
9	72432.480	3478.098	200.650	Pass
10	72294.219	3594.196	79.540	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:22:32
Results file name:	7C4P2232.RTS
Inspection number:	
Item id:	0
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:	Bottom and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72340.076 +-	16.673
Doubles:	3619.889 +-	60.214
Triples:	150.804 +-	84.362
Quads:	35.496 +-	127.001
Quads/Triples:	1.202 +-	0.500
Scaler 1:	0.000 +-	0.000
Scaler 2:	1915.808 +-	2.987

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72267.386	3486.589	474.619	Pass
2	72294.964	3531.102	5.793	Pass
3	72329.985	3530.183	427.426	Pass
4	72314.048	3498.941	499.559	Pass
5	72348.427	3657.944	196.825	Pass
6	72394.988	3750.194	378.331	Pass
7	72203.401	3979.549	196.091	Pass
8	72254.833	3618.053	428.755	Pass
9	72378.137	3525.742	149.466	Pass
10	72338.005	3363.332	76.074	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:15:54
Results file name:	7C4P1554.RTS
Inspection number:	
Item id:	-2
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:	Bottom and Collar -2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72317.612 +-	27.398
Doubles:	3590.552 +-	29.104
Triples:	313.137 +-	55.448
Quads:	-49.927 +-	111.043
Quads/Triples:	-0.879 +-	1.061
Scaler 1:	0.000 +-	0.000
Scaler 2:	1739.108 +-	3.314

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72352.048	3643.969	-351.379	Pass
2	72255.814	3878.092	-265.649	Pass
3	72311.882	3773.992	355.473	Pass
4	72368.933	3239.852	466.663	Pass
5	72277.944	3484.094	243.962	Pass
6	72404.598	3782.769	366.974	Pass
7	72388.017	3558.007	208.444	Pass
8	72287.283	3707.258	65.038	Pass
9	72369.508	3684.694	205.444	Pass
10	72384.735	3446.165	215.076	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:09:33
Results file name:	7C4P0933.RTS
Inspection number:	
Item id:	-4
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:	Bottom and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72273.193 +-	18.168
Doubles:	3515.621 +-	36.596
Triples:	260.810 +-	80.037
Quads:	-97.510 +-	86.520
Quads/Triples:	-0.935 +-	0.558
Scaler 1:	0.000 +-	0.000
Scaler 2:	1572.915 +-	1.783

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72199.509	3469.059	528.085	Pass
2	72411.636	3733.351	549.425	Pass
3	72285.658	3493.171	64.459	Pass
4	72242.651	3530.900	425.239	Pass
5	72409.267	3511.834	411.973	Pass
6	72217.646	3595.956	159.245	Pass
7	72385.513	3647.309	423.424	Pass
8	72247.592	3557.972	263.052	Pass
9	72383.449	3669.495	146.524	Pass
10	72393.194	3696.471	157.146	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 15:02:56
Results file name:	7C4P0256.RTS
Inspection number:	
Item id:	-6
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:	Bottom and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72251.104 +-	17.102
Doubles:	3535.579 +-	49.833
Triples:	331.406 +-	39.550
Quads:	149.766 +-	79.050
Quads/Triples:	0.509 +-	0.260
Scaler 1:	0.000 +-	0.000
Scaler 2:	1418.208 +-	1.912

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72239.065	3619.029	119.157	Pass
2	72292.494	3519.352	81.236	Pass
3	72324.098	3350.779	156.918	Pass
4	72243.091	3550.719	645.376	Pass
5	72255.307	3344.894	-138.582	Pass
6	72332.659	3420.617	590.397	Pass
7	72383.145	3493.942	297.335	Pass
8	72217.984	3692.813	531.814	Pass
9	72210.439	3617.242	121.020	Pass
10	72233.651	3546.826	205.740	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:56:40
Results file name:	7C405640.RTS
Inspection number:	
Item id:	-8
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:	Bottom and Collar -8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72269.424 +-	18.995
Doubles:	3608.351 +-	45.746
Triples:	339.777 +-	68.851
Quads:	-59.736 +-	50.528
Quads/Triples:	-0.402 +-	0.242
Scaler 1:	0.000 +-	0.000
Scaler 2:	1270.141 +-	1.619

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72288.670	3433.617	482.252	Pass
2	72317.635	3725.948	304.689	Pass
3	72164.184	3191.367	268.348	Pass
4	72223.973	3581.882	305.622	Pass
5	72333.640	3457.542	563.796	Pass
6	72220.421	3614.609	276.326	Pass
7	72283.662	3561.519	401.148	Pass
8	72205.735	3450.795	353.879	Pass
9	72217.544	3679.864	138.037	Pass
10	72255.577	3658.651	218.153	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:49:34
Results file name:	7C404934.RTS
Inspection number:	
Item id:	-10
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:	Bottom and Collar -10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72268.199 +- 13.594
Doubles:	3646.376 +- 38.668
Triples:	265.916 +- 93.416
Quads:	66.120 +- 100.361
Quads/Triples:	-0.984 +- 1.594
Scaler 1:	0.000 +- 0.000
Scaler 2:	1150.161 +- 2.093

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72188.986	3840.772	351.470	Pass
2	72341.896	3498.700	472.649	Pass
3	72317.872	3609.991	722.116	Pass
4	72215.886	3695.798	158.838	Pass
5	72289.245	3716.088	297.048	Pass
6	72364.162	3647.763	360.117	Pass
7	72204.889	3317.153	382.510	Pass
8	72229.523	3495.645	537.128	Pass
9	72260.111	3592.711	-60.516	Pass
10	72281.666	3668.885	176.546	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:42:43
Results file name:	7C404243.RTS
Inspection number:	
Item id:	-12
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:	Bottom and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72281.453 +-	18.990
Doubles:	3575.999 +-	44.321
Triples:	279.150 +-	87.166
Quads:	53.403 +-	60.985
Quads/Triples:	-2.212 +-	2.561
Scaler 1:	0.000 +-	0.000
Scaler 2:	1027.211 +-	2.427

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72275.067	3694.259	-18.307	Pass
2	72268.537	3624.664	541.294	Pass
3	72283.899	3807.169	-232.167	Pass
4	72257.607	3768.048	595.442	Pass
5	72213.281	3443.522	152.688	Pass
6	72310.597	3637.323	245.971	Pass
7	72278.959	3761.481	426.153	Pass
8	72212.266	3553.360	539.753	Pass
9	72231.891	3484.794	477.469	Pass
10	72349.882	3689.134	-70.878	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:36:13
Results file name:	7C403613.RTS
Inspection number:	
Item id:	-14
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:	Bottom and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72225.060 +-	24.858
Doubles:	3571.781 +-	34.456
Triples:	390.651 +-	85.459
Quads:	67.911 +-	109.524
Quads/Triples:	-5.259 +-	5.260
Scaler 1:	0.000 +-	0.000
Scaler 2:	938.655 +-	2.904

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72294.287	3446.882	275.336	Pass
2	72330.662	3347.489	13.609	Pass
3	72166.722	3820.650	916.650	Pass
4	72350.660	3510.801	42.278	Pass
5	72260.754	3748.440	11.328	Pass
6	72223.669	3650.608	170.094	Pass
7	72271.311	3564.286	495.404	Pass
8	72316.281	3545.313	182.962	Pass
9	72354.687	3503.662	307.171	Pass
10	72245.494	3621.853	380.634	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:29:42
Results file name:	7C402942.RTS
Inspection number:	
Item id:	-16
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:	Bottom and Collar -16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72185.237 +-	16.122
Doubles:	3554.037 +-	49.175
Triples:	105.622 +-	85.143
Quads:	-75.093 +-	125.214
Quads/Triples:	-6.120 +-	7.087
Scaler 1:	0.000 +-	0.000
Scaler 2:	855.768 +-	1.970

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72242.787	3558.275	501.112	Pass
2	72119.418	3448.185	174.188	Pass
3	72167.568	3645.248	565.889	Pass
4	72241.230	3570.672	409.807	Pass
5	72085.954	3737.086	988.770	Pass
6	72305.453	3400.114	268.488	Pass
7	72290.125	3462.676	408.594	Pass
8	72324.267	3595.230	202.499	Pass
9	72247.490	3696.938	396.914	Pass
10	72226.308	3603.385	-7.704	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72221.097	3450.573	-121.692	Pass
2	72092.519	3761.136	-68.365	Pass
3	72233.888	3344.732	-228.204	Pass
4	72247.829	3553.404	690.175	Pass
5	72134.002	3362.682	33.057	Pass
6	72204.280	3674.420	216.382	Pass
7	72207.089	3727.385	65.357	Pass
8	72148.619	3659.993	398.968	Pass
9	72148.247	3396.804	69.934	Pass
10	72214.804	3609.244	1.524	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:23:19
Results file name:	7C402319.RTS
Inspection number:	
Item id:	-18
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:	Bottom and Collar -18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72199.581 +-	13.957
Doubles:	3629.190 +-	35.665
Triples:	237.951 +-	56.160
Quads:	-153.259 +-	117.243
Quads/Triples:	-0.989 +-	0.954
Scaler 1:	0.000 +-	0.000
Scaler 2:	776.675 +-	2.347

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72191.930	3479.560	412.724	Pass
2	72178.463	3709.729	246.428	Pass
3	72183.335	3768.535	387.970	Pass
4	72202.825	3718.656	302.988	Pass
5	72201.201	3502.995	387.814	Pass
6	72202.081	3665.247	363.749	Pass
7	72137.385	3542.827	33.466	Pass
8	72293.678	3531.684	-136.477	Pass
9	72158.702	3779.562	220.343	Pass
10	72246.204	3593.106	161.450	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.04 14:16:00
Results file name:	7C401600.RTS
Inspection number:	
Item id:	-20
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:	Bottom and Collar -20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	1105.662
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72129.671 +-	14.725
Doubles:	3559.049 +-	30.619
Triples:	275.167 +-	76.746
Quads:	-130.649 +-	99.870
Quads/Triples:	-1.520 +-	1.825
Scaler 1:	-1105.662 +-	0.000
Scaler 2:	713.451 +-	2.543

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72200.457	3678.811	431.801	Pass
2	72115.053	3649.784	745.082	Pass
3	72148.518	3479.783	514.503	Pass
4	72175.045	3538.580	38.284	Pass
5	72041.122	3502.939	84.205	Pass
6	72127.336	3455.887	-28.418	Pass
7	72145.202	3646.250	295.368	Pass
8	72144.457	3588.790	117.177	Pass
9	72071.439	3648.115	369.635	Pass
10	72128.080	3401.554	183.647	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 16:28:36
Results file name:	7C5Q2836.RTS
Inspection number:	
Item id:	+20
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:	Bottom and Collar +20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72462.167 +-	19.375
Doubles:	3588.577 +-	48.521
Triples:	243.806 +-	39.474
Quads:	73.389 +-	74.100
Quads/Triples:	0.341 +-	0.234
Scaler 1:	0.000 +-	0.000
Scaler 2:	3139.491 +-	4.374

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 16:22:10
Results file name:	7C5Q2210.RTS
Inspection number:	
Item id:	+18
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:	Bottom and Collar +18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72442.788 +-	20.775
Doubles:	3586.334 +-	25.480
Triples:	215.409 +-	41.093
Quads:	-31.519 +-	94.704
Quads/Triples:	2.961 +-	2.699
Scaler 1:	0.000 +-	0.000
Scaler 2:	3069.628 +-	4.921

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72468.958	3417.721	169.533	Pass
2	72488.483	3526.563	243.074	Pass
3	72506.857	3728.184	299.204	Pass
4	72546.618	3521.379	24.976	Pass
5	72521.577	3926.367	424.501	Pass
6	72372.689	3520.617	389.793	Pass
7	72452.783	3647.016	175.988	Pass
8	72489.227	3480.399	316.827	Pass
9	72378.373	3460.927	108.773	Pass
10	72396.104	3656.596	283.773	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 16:15:55
Results file name:	7C5Q1555.RTS
Inspection number:	
Item id:	+16
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:	Bottom and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72435.353 +-	18.713
Doubles:	3606.610 +-	49.963
Triples:	172.662 +-	52.886
Quads:	-79.663 +-	109.569
Quads/Triples:	-6.070 +-	4.007
Scaler 1:	0.000 +-	0.000
Scaler 2:	2991.635 +-	4.244

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72506.011	3673.155	308.515	Pass
2	72448.621	3616.578	242.077	Pass
3	72526.754	3531.350	281.021	Pass
4	72364.534	3583.739	216.382	Pass
5	72357.732	3432.016	-10.515	Pass
6	72344.874	3551.531	330.989	Pass
7	72498.905	3611.522	364.829	Pass
8	72441.414	3728.683	291.313	Pass
9	72464.085	3578.023	59.478	Pass
10	72474.947	3556.740	68.962	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 16:09:43
Results file name:	7C5Q0943.RTS
Inspection number:	
Item id:	+14
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:	Bottom and Collar +14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72425.960 +-	15.069
Doubles:	3532.253 +-	65.141
Triples:	254.901 +-	61.142
Quads:	-126.730 +-	93.656
Quads/Triples:	-23.676 +-	23.656
Scaler 1:	0.000 +-	0.000
Scaler 2:	2903.835 +-	3.793

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72377.866	3442.070	-7.213	Pass
2	72463.070	3361.760	48.447	Pass
3	72414.343	3753.379	295.650	Pass
4	72469.770	3618.905	385.943	Pass
5	72540.357	3667.462	363.182	Pass
6	72415.764	3710.755	110.620	Pass
7	72416.340	3654.046	305.978	Pass
8	72502.052	3666.177	76.358	Pass
9	72413.091	3377.502	-94.215	Pass
10	72340.881	3814.045	242.379	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 16:03:32
Results file name:	7C5Q0332.RTS
Inspection number:	
Item id:	+12
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:	Bottom and Collar +12cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	1105.662	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72414.276 +-	16.379
Doubles:	3608.416 +-	61.800
Triples:	186.765 +-	44.768
Quads:	25.980 +-	107.717
Quads/Triples:	1.645 +-	1.189
Scaler 1:	0.000 +-	0.000
Scaler 2:	2801.081 +-	5.593

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72482.832	3378.820	225.737	Pass
2	72407.339	3365.508	287.882	Pass
3	72415.020	3784.672	159.664	Pass
4	72455.423	3343.821	75.748	Pass
5	72369.000	3583.264	434.686	Pass
6	72496.942	3735.110	222.839	Pass
7	72392.281	3314.929	1.362	Pass
8	72354.213	3819.558	694.663	Pass
9	72459.517	3331.941	210.372	Pass
10	72427.032	3664.914	237.482	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:57:10
Results file name:	7C5P5710.RTS
Inspection number:	
Item id:	+10
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:	Bottom and Collar +10cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72447.028	+-	15.115
Doubles:	3613.804	+-	36.474
Triples:	257.052	+-	66.546
Quads:	-36.515	+-	66.800
Quads/Triples:	-0.485	+-	0.449
Scaler 1:	0.000	+-	0.000
Scaler 2:	2687.588	+-	3.531

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72366.869	3803.809	264.236	Pass
2	72378.069	3565.345	123.846	Pass
3	72370.455	3772.729	374.808	Pass
4	72393.973	3286.113	110.722	Pass
5	72407.914	3315.497	397.719	Pass
6	72513.895	3851.062	73.611	Pass
7	72404.699	3599.142	38.912	Pass
8	72448.350	3514.492	-15.192	Pass
9	72372.655	3631.012	220.563	Pass
10	72485.877	3744.954	276.975	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:50:53
Results file name:	7C5P5053.RTS
Inspection number:	
Item id:	+8
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:	Bottom and Collar +8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72376.787 +-	16.853
Doubles:	3554.644 +-	39.664
Triples:	224.477 +-	93.856
Quads:	-80.591 +-	126.615
Quads/Triples:	-0.443 +-	0.420
Scaler 1:	0.000 +-	0.000
Scaler 2:	2565.738 +-	3.828

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72432.311	3613.672	177.303	Pass
2	72397.153	3631.077	239.618	Pass
3	72420.129	3690.495	587.640	Pass
4	72488.821	3790.986	244.071	Pass
5	72466.488	3622.920	528.555	Pass
6	72366.936	3425.741	443.992	Pass
7	72458.739	3423.823	-76.804	Pass
8	72484.185	3592.749	22.120	Pass
9	72527.803	3634.470	180.163	Pass
10	72427.709	3712.110	222.853	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:44:43
Results file name:	7C5P4443.RTS
Inspection number:	
Item id:	+6
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:	Bottom and Collar +6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72386.559 +-	22.743
Doubles:	3523.085 +-	46.851
Triples:	328.663 +-	80.405
Quads:	-127.219 +-	108.259
Quads/Triples:	-1.431 +-	1.246
Scaler 1:	0.000 +-	0.000
Scaler 2:	2426.351 +-	5.111

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72422.227	3451.328	138.193	Pass
2	72396.612	3565.574	628.284	Pass
3	72303.119	3522.387	311.477	Pass
4	72338.445	3544.585	356.266	Pass
5	72381.825	3716.550	83.328	Pass
6	72374.584	3395.593	355.424	Pass
7	72412.347	3420.368	286.980	Pass
8	72445.170	3683.485	555.742	Pass
9	72282.512	3753.689	-124.003	Pass
10	72411.027	3492.876	-345.760	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:38:23
Results file name:	7C5P3823.RTS
Inspection number:	
Item id:	+4
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:	Bottom and Collar +4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72406.753 +-	14.254
Doubles:	3585.361 +-	46.445
Triples:	238.361 +-	81.433
Quads:	99.359 +-	75.001
Quads/Triples:	0.721 +-	0.307
Scaler 1:	0.000 +-	0.000
Scaler 2:	2264.491 +-	4.492

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72378.035	3460.927	48.182	Pass
2	72402.263	3567.848	432.609	Pass
3	72502.323	3613.622	-63.277	Pass
4	72468.856	3733.528	528.248	Pass
5	72380.031	3635.109	195.650	Pass
6	72373.399	3495.991	607.141	Pass
7	72338.039	3309.921	33.437	Pass
8	72411.128	3654.452	449.595	Pass
9	72375.226	3274.757	635.520	Pass
10	72236.290	3484.697	416.420	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:32:05
Results file name:	7C5P3205.RTS
Inspection number:	
Item id:	+2
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:	Bottom and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72347.737 +-	18.034
Doubles:	3526.714 +-	51.763
Triples:	330.332 +-	45.495
Quads:	232.891 +-	120.073
Quads/Triples:	1.984 +-	1.445
Scaler 1:	0.000 +-	0.000
Scaler 2:	2090.158 +-	4.767

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72479.482	3545.960	111.251	Pass
2	72412.347	3499.473	467.537	Pass
3	72359.120	3441.807	442.583	Pass
4	72445.373	3739.817	470.119	Pass
5	72323.489	3524.301	-268.475	Pass
6	72440.703	3700.997	-53.493	Pass
7	72386.833	3809.949	366.704	Pass
8	72405.850	3727.092	358.755	Pass
9	72390.690	3487.184	71.325	Pass
10	72423.649	3377.033	416.574	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72443.173	3580.470	516.651	Pass
2	72355.567	3431.052	399.302	Pass
3	72379.930	3725.032	537.903	Pass
4	72283.188	3532.049	203.792	Pass
5	72360.033	3264.023	305.484	Pass
6	72247.084	3569.065	208.038	Pass
7	72318.582	3515.399	378.050	Pass
8	72388.085	3594.588	304.829	Pass
9	72319.699	3766.618	71.720	Pass
10	72382.028	3288.847	378.163	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:25:22
Results file name:	7C5P2522.RTS
Inspection number:	
Item id:	0
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:	Bottom and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72349.307 +-	14.143
Doubles:	3580.601 +-	31.127
Triples:	450.472 +-	102.115
Quads:	124.410 +-	103.930
Quads/Triples:	1.308 +-	1.159
Scaler 1:	0.000 +-	0.000
Scaler 2:	1917.501 +-	4.549

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:18:54
Results file name:	7C5P1854.RTS
Inspection number:	
Item id:	-2
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:	Bottom and Collar -2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72314.806 +-	21.765
Doubles:	3599.957 +-	25.068
Triples:	109.436 +-	55.529
Quads:	-46.118 +-	108.321
Quads/Triples:	-3.030 +-	1.899
Scaler 1:	0.000 +-	0.000
Scaler 2:	1734.125 +-	4.566

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72304.032	3653.251	127.433	Pass
2	72288.332	3658.761	739.913	Pass
3	72367.579	3730.752	1093.847	Pass
4	72408.185	3525.675	498.173	Pass
5	72365.143	3430.101	555.019	Pass
6	72430.890	3519.143	34.498	Pass
7	72328.835	3677.635	279.111	Pass
8	72327.583	3465.160	152.636	Pass
9	72343.893	3593.709	402.175	Pass
10	72328.598	3551.820	622.907	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:12:34
Results file name:	7C5P1234.RTS
Inspection number:	
Item id:	-4
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:	Bottom and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72311.338 +-	28.853
Doubles:	3555.888 +-	52.715
Triples:	200.402 +-	63.465
Quads:	121.493 +-	126.499
Quads/Triples:	1.086 +-	1.450
Scaler 1:	0.000 +-	0.000
Scaler 2:	1572.111 +-	3.378

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72289.076	3665.323	211.247	Pass
2	72346.025	3632.215	81.824	Pass
3	72383.720	3530.729	-167.740	Pass
4	72270.533	3688.105	28.289	Pass
5	72366.023	3500.962	-76.996	Pass
6	72287.215	3696.988	354.014	Pass
7	72385.479	3556.183	329.823	Pass
8	72375.429	3474.526	170.245	Pass
9	72271.954	3616.254	-48.734	Pass
10	72172.609	3638.282	214.635	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:06:22
Results file name:	7C5P0622.RTS
Inspection number:	
Item id:	-6
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:	Bottom and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72297.143 +-	11.610
Doubles:	3591.119 +-	48.803
Triples:	238.201 +-	101.410
Quads:	-131.945 +-	68.730
Quads/Triples:	-0.495 +-	0.384
Scaler 1:	0.000 +-	0.000
Scaler 2:	1416.795 +-	2.871

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72281.903	3755.921	274.541	Pass
2	72177.651	3503.516	112.472	Pass
3	72363.180	3426.767	17.816	Pass
4	72370.726	3678.719	160.705	Pass
5	72368.527	3389.746	368.251	Pass
6	72417.524	3223.832	357.095	Pass
7	72326.399	3624.668	298.223	Pass
8	72178.497	3651.856	-134.068	Pass
9	72221.334	3600.700	529.694	Pass
10	72407.643	3703.153	22.297	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 15:00:02
Results file name:	7C5P0002.RTS
Inspection number:	
Item id:	-8
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:	Bottom and Collar -8cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72275.108 +-	17.838
Doubles:	3585.557 +-	33.705
Triples:	316.431 +-	102.471
Quads:	28.927 +-	85.996
Quads/Triples:	-0.008 +-	0.233
Scaler 1:	0.000 +-	0.000
Scaler 2:	1269.585 +-	2.364

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72300.039	3518.915	145.518	Pass
2	72311.375	3536.858	-129.763	Pass
3	72289.990	3636.541	-151.122	Pass
4	72260.720	3405.694	381.435	Pass
5	72310.969	3702.308	273.353	Pass
6	72346.904	3569.085	197.321	Pass
7	72320.409	3627.134	614.688	Pass
8	72233.109	3476.553	880.123	Pass
9	72259.908	3953.214	30.522	Pass
10	72338.005	3484.888	140.200	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:53:41
Results file name:	7C505341.RTS
Inspection number:	
Item id:	-10
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:	Bottom and Collar -10cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	1105.662	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72272.960 +-	24.375
Doubles:	3587.298 +-	41.002
Triples:	275.312 +-	88.237
Quads:	-2.583 +-	93.048
Quads/Triples:	-1.178 +-	1.278
Scaler 1:	0.000 +-	0.000
Scaler 2:	1145.145 +-	2.335

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72201.404	3734.350	545.858	Pass
2	72203.570	3614.623	488.039	Pass
3	72397.898	3412.519	-295.932	Pass
4	72297.705	3674.539	133.149	Pass
5	72241.772	3696.243	267.959	Pass
6	72274.864	3498.276	511.474	Pass
7	72289.854	3668.484	307.608	Pass
8	72262.040	3513.785	228.641	Pass
9	72278.350	3545.713	905.840	Pass
10	72303.626	3497.040	74.054	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72237.711	3631.667	348.610	Pass
2	72250.772	3657.134	505.843	Pass
3	72233.515	3508.873	138.866	Pass
4	72137.893	3579.302	775.108	Pass
5	72369.034	3598.686	-122.865	Pass
6	72274.052	3405.916	505.969	Pass
7	72237.508	3487.686	403.415	Pass
8	72351.337	3514.443	129.361	Pass
9	72245.020	3602.516	-26.665	Pass
10	72392.754	3886.760	93.379	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:46:54
Results file name:	7C504654.RTS
Inspection number:	
Item id:	-12
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:	Bottom and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72235.746 +-	17.399
Doubles:	3636.007 +-	44.697
Triples:	319.717 +-	83.044
Quads:	79.691 +-	108.310
Quads/Triples:	1.388 +-	0.622
Scaler 1:	0.000 +-	0.000
Scaler 2:	1037.471 +-	3.840

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:40:14
Results file name:	7C504014.RTS
Inspection number:	
Item id:	-14
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:	Bottom and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72228.633 +-	18.820
Doubles:	3562.053 +-	26.547
Triples:	308.007 +-	73.226
Quads:	95.623 +-	118.082
Quads/Triples:	0.107 +-	0.387
Scaler 1:	0.000 +-	0.000
Scaler 2:	941.131 +-	2.242

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72197.953	3509.826	-10.222	Pass
2	72174.978	3684.893	501.619	Pass
3	72265.187	3674.772	248.712	Pass
4	72272.530	3887.698	344.523	Pass
5	72182.625	3544.325	416.680	Pass
6	72169.936	3653.288	295.442	Pass
7	72223.060	3370.892	466.990	Pass
8	72338.343	3658.172	758.700	Pass
9	72264.578	3611.779	351.097	Pass
10	72268.266	3764.421	-177.926	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:33:35
Results file name:	7C503335.RTS
Inspection number:	
Item id:	-16
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:	Bottom and Collar -16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72208.463 +-	20.816
Doubles:	3635.020 +-	22.375
Triples:	280.063 +-	85.368
Quads:	134.062 +-	74.778
Quads/Triples:	2.399 +-	1.826
Scaler 1:	0.000 +-	0.000
Scaler 2:	854.765 +-	2.227

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72253.175	3689.011	238.216	Pass
2	72195.517	3601.492	219.025	Pass
3	72284.677	3569.832	424.584	Pass
4	72258.453	3573.029	-275.098	Pass
5	72101.756	3442.084	334.300	Pass
6	72175.350	3537.172	477.077	Pass
7	72218.424	3565.664	272.665	Pass
8	72226.613	3544.345	423.019	Pass
9	72298.449	3671.036	406.712	Pass
10	72273.917	3426.868	558.331	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:26:52
Results file name:	7C502652.RTS
Inspection number:	
Item id:	-18
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:	Bottom and Collar -18cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72216.604	+-	16.668
Doubles:	3502.970	+-	40.295
Triples:	303.033	+-	44.362
Quads:	-51.928	+-	97.213
Quads/Triples:	0.072	+-	0.352
Scaler 1:	0.000	+-	0.000
Scaler 2:	781.255	+-	2.567

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72116.305	3783.147	820.796	Pass
2	72279.974	3601.872	-65.877	Pass
3	72174.809	3568.838	17.292	Pass
4	72212.570	3567.168	505.432	Pass
5	72225.767	3598.164	469.750	Pass
6	72130.686	3568.269	348.895	Pass
7	72314.183	3679.471	126.760	Pass
8	72237.542	3695.551	219.011	Pass
9	72248.370	3669.771	312.990	Pass
10	72144.423	3617.949	45.721	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72157.417	3401.073	231.197	Pass
2	72265.830	3607.831	422.457	Pass
3	72194.874	3410.219	186.261	Pass
4	72281.327	3644.911	580.840	Pass
5	72218.830	3487.114	151.107	Pass
6	72254.664	3411.801	260.579	Pass
7	72274.154	3734.272	205.707	Pass
8	72155.894	3395.851	270.238	Pass
9	72222.315	3368.349	248.302	Pass
10	72140.735	3568.281	471.611	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.05 14:20:24
Results file name:	7C502024.RTS
Inspection number:	
Item id:	-20
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:	Bottom and Collar -20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72127.482 +-	17.849
Doubles:	3655.271 +-	25.344
Triples:	439.317 +-	72.120
Quads:	-31.098 +-	113.583
Quads/Triples:	0.108 +-	0.491
Scaler 1:	0.000 +-	0.000
Scaler 2:	717.145 +-	2.011

Passive cycle rate data

-20cm_Bottom+Collar_20171205.txt

Cycle	Singles	Doubles	Triples	QC Tests
1	72234.361	3743.048	98.479	Pass
2	72071.946	3567.235	371.917	Pass
3	72088.357	3784.794	676.851	Pass
4	72123.445	3626.475	694.553	Pass
5	72107.677	3631.023	281.964	Pass
6	72101.113	3582.657	761.335	Pass
7	72050.156	3755.242	561.385	Pass
8	72172.474	3561.657	291.591	Pass
9	72183.606	3651.176	461.139	Pass
10	72141.683	3649.406	194.079	Pass

+20cm_Bottom+Collar_20171206.txt

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:37:54
Results file name:	7C6P3754.RTS
Inspection number:	
Item id:	+20
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:	Bottom and Collar +20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72404.391 +-	13.418
Doubles:	3533.055 +-	45.908
Triples:	203.104 +-	88.843
Quads:	-85.091 +-	111.670
Quads/Triples:	-0.598 +-	0.479
Scaler 1:	0.000 +-	0.000
Scaler 2:	3138.181 +-	3.657

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:31:39
Results file name:	7C6P3139.RTS
Inspection number:	
Item id:	+18
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:	Bottom and Collar +18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72397.374 +-	16.984
Doubles:	3510.676 +-	39.616
Triples:	295.199 +-	86.204
Quads:	254.268 +-	109.245
Quads/Triples:	3.571 +-	1.898
Scaler 1:	0.000 +-	0.000
Scaler 2:	3074.658 +-	3.433

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72429.130	3464.766	93.984	Pass
2	72462.935	3536.837	419.086	Pass
3	72319.936	3552.874	321.384	Pass
4	72410.181	3603.580	496.485	Pass
5	72428.589	3596.768	-85.424	Pass
6	72427.675	3266.367	452.010	Pass
7	72431.364	3312.020	260.064	Pass
8	72388.525	3707.422	319.769	Pass
9	72353.841	3639.026	-420.528	Pass
10	72391.739	3650.889	175.707	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:25:27
Results file name:	7C6P2527.RTS
Inspection number:	
Item id:	+16
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:	Bottom and Collar +16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72404.936 +-	18.722
Doubles:	3485.283 +-	50.974
Triples:	229.956 +-	72.316
Quads:	143.148 +-	109.585
Quads/Triples:	0.514 +-	0.640
Scaler 1:	0.000 +-	0.000
Scaler 2:	2991.225 +-	4.655

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72419.283	3399.870	460.279	Pass
2	72318.481	3388.657	25.123	Pass
3	72424.427	3615.929	573.126	Pass
4	72339.663	3440.272	433.272	Pass
5	72430.112	3567.161	520.394	Pass
6	72437.353	3432.591	-272.834	Pass
7	72450.719	3716.811	378.425	Pass
8	72457.081	3382.190	392.576	Pass
9	72371.978	3482.628	31.796	Pass
10	72324.639	3680.652	409.617	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:19:11
Results file name:	7C6P1911.RTS
Inspection number:	
Item id:	+14
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:	Bottom and Collar +14cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72388.877	+-	16.234
Doubles:	3543.027	+-	58.425
Triples:	222.670	+-	61.235
Quads:	-86.495	+-	105.535
Quads/Triples:	0.050	+-	2.858
Scaler 1:	0.000	+-	0.000
Scaler 2:	2904.061	+-	3.549

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72410.486	3468.454	175.297	Pass
2	72422.261	3505.839	178.886	Pass
3	72406.696	3236.803	533.580	Pass
4	72524.419	3237.519	386.765	Pass
5	72344.569	3548.233	30.969	Pass
6	72443.816	3549.351	478.116	Pass
7	72322.710	3590.660	349.077	Pass
8	72338.580	3784.675	183.005	Pass
9	72425.002	3452.224	238.001	Pass
10	72410.824	3479.068	-250.261	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:13:03
Results file name:	7C6P1303.RTS
Inspection number:	
Item id:	+12
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:	Bottom and Collar +12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72404.936	+-	20.860
Doubles:	3616.807	+-	46.956
Triples:	136.515	+-	38.340
Quads:	62.189	+-	85.302
Quads/Triples:	1.117	+-	0.365
Scaler 1:	0.000	+-	0.000
Scaler 2:	2807.261	+-	2.558

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72410.350	3593.516	165.440	Pass
2	72365.177	3703.545	436.000	Pass
3	72340.780	3526.486	359.413	Pass
4	72344.773	3672.503	513.897	Pass
5	72436.270	3691.477	-50.302	Pass
6	72432.243	3401.019	-17.156	Pass
7	72339.731	3246.792	346.579	Pass
8	72385.716	3544.093	239.415	Pass
9	72345.652	3269.297	30.379	Pass
10	72488.077	3781.538	200.317	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:06:47
Results file name:	7C6P0647.RTS
Inspection number:	
Item id:	+10
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:	Bottom and Collar +10cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72334.050	+-	13.707
Doubles:	3513.519	+-	30.342
Triples:	311.120	+-	66.161
Quads:	57.594	+-	122.938
Quads/Triples:	-3.859	+-	5.609
Scaler 1:	0.000	+-	0.000
Scaler 2:	2694.515	+-	3.410

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72385.750	3732.424	75.443	Pass
2	72480.497	3678.343	131.110	Pass
3	72352.454	3671.345	182.032	Pass
4	72344.096	3699.156	175.420	Pass
5	72375.971	3383.366	251.196	Pass
6	72397.966	3513.504	93.259	Pass
7	72308.871	3783.708	-168.612	Pass
8	72466.454	3559.958	231.865	Pass
9	72421.584	3762.045	190.428	Pass
10	72515.723	3384.217	205.689	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 15:00:14
Results file name:	7C6P0014.RTS
Inspection number:	
Item id:	+8
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:	Bottom and Collar +8cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72355.827	+-	15.355
Doubles:	3475.366	+-	61.698
Triples:	231.261	+-	44.831
Quads:	-92.116	+-	106.404
Quads/Triples:	3.357	+-	2.733
Scaler 1:	0.000	+-	0.000
Scaler 2:	2565.071	+-	3.441

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72352.657	3679.520	491.645	Pass
2	72356.616	3639.476	67.257	Pass
3	72344.502	3437.118	542.963	Pass
4	72311.713	3449.513	453.053	Pass
5	72235.546	3576.538	367.989	Pass
6	72354.281	3560.267	264.000	Pass
7	72366.158	3413.444	38.184	Pass
8	72335.298	3413.613	506.914	Pass
9	72297.129	3509.191	390.053	Pass
10	72386.596	3456.506	-10.511	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:53:52
Results file name:	7C605352.RTS
Inspection number:	
Item id:	+6
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:	Bottom and Collar +6cm

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:	14351.830	+-	1.403
Passive doubles bkgrnd:	0.365	+-	0.942
Passive triples bkgrnd:	0.412	+-	0.675
Passive scaler1 bkgrnd:	0.000		
Passive scaler2 bkgrnd:	1105.662		
Number passive cycles:	10		
Count time (sec):	30		

Results

Singles:	72345.155	+-	18.708
Doubles:	3569.382	+-	32.135
Triples:	255.507	+-	83.965
Quads:	31.487	+-	119.669
Quads/Triples:	0.801	+-	1.646
Scaler 1:	0.000	+-	0.000
Scaler 2:	2425.555	+-	2.704

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72389.337	3286.520	5.324	Pass
2	72330.696	3757.839	275.019	Pass
3	72261.127	3772.655	337.599	Pass
4	72430.078	3424.339	373.884	Pass
5	72371.200	3512.441	165.673	Pass
6	72386.630	3132.706	233.433	Pass
7	72358.714	3382.144	22.623	Pass
8	72376.986	3560.844	380.726	Pass
9	72299.599	3440.465	150.566	Pass
10	72353.909	3483.705	371.077	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:47:28
Results file name:	7C604728.RTS
Inspection number:	
Item id:	+4
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:	Bottom and Collar +4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72279.747 +-	11.058
Doubles:	3570.118 +-	49.865
Triples:	186.972 +-	78.521
Quads:	-181.522 +-	119.831
Quads/Triples:	-1.738 +-	1.999
Scaler 1:	0.000 +-	0.000
Scaler 2:	2253.858 +-	2.640

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72288.196	3546.550	201.686	Pass
2	72281.767	3531.086	321.795	Pass
3	72376.546	3546.280	106.469	Pass
4	72279.602	3566.563	-175.293	Pass
5	72419.656	3519.301	225.178	Pass
6	72423.716	3584.053	259.680	Pass
7	72360.744	3835.126	282.542	Pass
8	72346.769	3601.097	479.434	Pass
9	72395.089	3463.592	33.666	Pass
10	72279.466	3500.170	819.729	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:41:05
Results file name:	7C604105.RTS
Inspection number:	
Item id:	+2
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:	Bottom and Collar +2cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72279.724 +- 20.211
Doubles:	3556.991 +- 28.324
Triples:	190.932 +- 83.298
Quads:	2.197 +- 95.275
Quads/Triples:	-0.918 +- 0.829
Scaler 1:	0.000 +- 0.000
Scaler 2:	2092.065 +- 2.585

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72275.304	3444.695	424.640	Pass
2	72318.616	3716.366	599.758	Pass
3	72241.366	3581.697	359.635	Pass
4	72341.659	3643.819	-191.380	Pass
5	72274.154	3292.949	231.220	Pass
6	72286.572	3336.172	62.361	Pass
7	72304.134	3682.103	241.136	Pass
8	72228.474	3720.543	-133.645	Pass
9	72254.427	3595.967	254.031	Pass
10	72272.766	3686.872	21.724	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72285.523	3655.255	251.077	Pass
2	72269.552	3466.670	434.402	Pass
3	72245.866	3499.718	-209.294	Pass
4	72285.658	3687.884	-72.729	Pass
5	72381.926	3603.442	527.988	Pass
6	72304.269	3463.655	235.542	Pass
7	72339.426	3438.864	-126.327	Pass
8	72177.955	3648.868	273.044	Pass
9	72320.342	3535.495	505.383	Pass
10	72186.719	3570.055	91.078	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:34:36
Results file name:	7C603436.RTS
Inspection number:	
Item id:	0
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:	Bottom and Collar 0cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72301.126 +-	15.461
Doubles:	3529.691 +-	57.440
Triples:	187.552 +-	75.464
Quads:	-80.309 +-	149.959
Quads/Triples:	1.415 +-	1.243
Scaler 1:	0.000 +-	0.000
Scaler 2:	1907.745 +-	2.932

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72263.089	3389.760	-173.467	Pass
2	72280.651	3521.604	51.449	Pass
3	72224.616	3683.822	415.246	Pass
4	72343.994	3881.336	446.392	Pass
5	72300.276	3529.769	341.419	Pass
6	72379.287	3404.872	-82.903	Pass
7	72348.055	3709.122	243.206	Pass
8	72245.494	3500.885	211.137	Pass
9	72319.767	3399.547	478.924	Pass
10	72306.029	3276.190	-56.198	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:27:27
Results file name:	7C602727.RTS
Inspection number:	
Item id:	-2
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:	Bottom and Collar -2cm
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
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:	0.1620
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

Results

Singles:	72247.294 +- 13.412
Doubles:	3568.931 +- 46.299
Triples:	231.752 +- 71.291
Quads:	97.989 +- 102.636
Quads/Triples:	1.645 +- 1.778
Scaler 1:	0.000 +- 0.000
Scaler 2:	1734.668 +- 3.443

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72241.027	3669.555	418.948	Pass

2	72265.965	3395.087	53.832	Pass
3	72295.776	3855.580	215.858	Pass
4	72248.641	3558.145	125.136	Pass
5	72270.702	3502.736	327.102	Pass
6	72306.401	3617.465	639.258	Pass
7	72161.917	3670.039	-137.887	Pass
8	72205.566	3482.049	14.240	Pass
9	72233.718	3355.620	313.370	Pass
10	72243.227	3583.039	347.104	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:21:07
Results file name:	7C602107.RTS
Inspection number:	
Item id:	-4
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:	Bottom and Collar -4cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72252.715	+-	17.334
Doubles:	3606.133	+-	65.522
Triples:	171.528	+-	42.056
Quads:	168.785	+-	101.895
Quads/Triples:	36.751	+-	35.194
Scaler 1:	0.000	+-	0.000
Scaler 2:	1576.618	+-	4.365

Passive cycle rate data

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:14:41
Results file name:	7C601441.RTS
Inspection number:	
Item id:	-6
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:	Bottom and Collar -6cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72277.403 +-	24.207
Doubles:	3605.247 +-	32.789
Triples:	356.271 +-	71.188
Quads:	70.191 +-	68.840
Quads/Triples:	0.891 +-	0.437
Scaler 1:	0.000 +-	0.000
Scaler 2:	1417.045 +-	1.541

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72279.432	3608.192	-1.060	Pass
2	72277.402	3884.922	155.588	Pass
3	72333.606	3494.431	61.510	Pass
4	72223.838	3482.861	281.490	Pass
5	72279.060	3470.975	52.147	Pass
6	72254.664	3491.313	144.512	Pass
7	72122.362	3372.114	155.781	Pass
8	72251.889	3778.173	209.712	Pass
9	72267.826	3993.823	468.234	Pass
10	72237.068	3484.526	185.132	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:08:25
Results file name:	7C600825.RTS
Inspection number:	
Item id:	-8
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:	Bottom and Collar -8cm

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:	14351.830 +-	1.403
Passive doubles bkgrnd:	0.365 +-	0.942
Passive triples bkgrnd:	0.412 +-	0.675
Passive scaler1 bkgrnd:	0.000	
Passive scaler2 bkgrnd:	1105.662	

Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72232.084 +-	11.880
Doubles:	3566.838 +-	57.538
Triples:	228.534 +-	38.419
Quads:	58.294 +-	64.079
Quads/Triples:	-225.709 +-	225.785
Scaler 1:	0.000 +-	0.000
Scaler 2:	1272.961 +-	3.547

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72385.716	3645.248	17.362	Pass
2	72289.617	3602.503	286.716	Pass
3	72135.423	3525.274	536.851	Pass
4	72190.272	3626.936	375.263	Pass
5	72331.711	3617.565	-13.843	Pass
6	72341.524	3849.252	657.113	Pass
7	72273.443	3457.230	506.430	Pass
8	72268.401	3624.115	221.963	Pass
9	72225.259	3534.623	513.026	Pass
10	72332.659	3569.720	459.917	Pass

Cycle	Singles	Doubles	Triples	QC Tests
1	72180.053	3133.203	125.169	Pass
2	72226.308	3506.048	400.699	Pass
3	72229.150	3563.753	211.946	Pass
4	72283.155	3449.444	291.406	Pass
5	72204.889	3815.377	239.626	Pass
6	72217.849	3647.750	338.205	Pass
7	72182.287	3621.190	349.290	Pass
8	72265.999	3608.862	-0.195	Pass
9	72252.295	3634.605	185.387	Pass
10	72278.857	3688.150	142.878	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 14:01:53
Results file name:	7C600153.RTS
Inspection number:	
Item id:	-10
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:	Bottom and Collar -10cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72200.142 +-	16.523
Doubles:	3515.983 +-	34.730
Triples:	224.220 +-	63.902
Quads:	88.837 +-	103.651
Quads/Triples:	-2.893 +-	3.640
Scaler 1:	0.000 +-	0.000
Scaler 2:	1145.275 +-	1.897

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72157.755	3701.940	422.354	Pass
2	72211.048	3506.476	310.506	Pass
3	72182.287	3549.717	502.154	Pass
4	72224.379	3675.991	231.881	Pass
5	72204.077	3387.802	395.736	Pass
6	72251.517	3448.789	59.047	Pass
7	72155.792	3403.270	205.974	Pass
8	72164.387	3543.787	-4.004	Pass
9	72140.160	3536.614	260.275	Pass
10	72310.021	3405.443	-140.534	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 13:55:35
Results file name:	7C6N5535.RTS
Inspection number:	
Item id:	-12
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:	Bottom and Collar -12cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72208.994 +-	18.040
Doubles:	3646.521 +-	34.857
Triples:	283.256 +-	43.778
Quads:	83.030 +-	92.888
Quads/Triples:	0.538 +-	0.607
Scaler 1:	0.000 +-	0.000
Scaler 2:	1036.488 +-	3.687

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72248.945	3785.657	506.114	Pass
2	72216.495	3577.133	118.875	Pass
3	72196.295	3585.591	226.077	Pass
4	72162.560	3609.935	187.690	Pass
5	72149.465	3489.916	259.424	Pass
6	72264.138	3807.967	163.968	Pass
7	72189.088	3537.567	203.109	Pass
8	72208.612	3618.819	480.838	Pass
9	72320.714	3771.496	431.996	Pass
10	72133.630	3681.131	252.055	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 13:49:11
Results file name:	7C6N4911.RTS
Inspection number:	
Item id:	-14
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:	Bottom and Collar -14cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72203.154 +-	23.427
Doubles:	3590.739 +-	41.286
Triples:	192.939 +-	63.270
Quads:	-62.730 +-	99.822
Quads/Triples:	-2.021 +-	1.402
Scaler 1:	0.000 +-	0.000
Scaler 2:	938.381 +-	2.558

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72134.712	3711.630	124.985	Pass
2	72259.672	3596.386	189.328	Pass
3	72333.200	3389.602	479.774	Pass
4	72128.622	3715.675	113.663	Pass
5	72088.187	3666.236	116.117	Pass
6	72189.426	3768.784	29.771	Pass
7	72228.541	3606.479	559.739	Pass
8	72174.470	3406.864	224.395	Pass
9	72254.055	3491.690	-120.837	Pass
10	72240.655	3554.047	216.088	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 13:42:52
Results file name:	7C6N4252.RTS
Inspection number:	
Item id:	-16
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:	Bottom and Collar -16cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72174.633 +-	10.313
Doubles:	3635.651 +-	36.935
Triples:	286.589 +-	64.017
Quads:	49.905 +-	126.174
Quads/Triples:	2.841 +-	1.865
Scaler 1:	0.000 +-	0.000
Scaler 2:	856.011 +-	2.590

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72186.922	3764.521	377.025	Pass
2	72142.123	3595.484	627.707	Pass
3	72143.510	3621.897	314.362	Pass
4	72229.658	3556.335	-33.479	Pass
5	72186.009	3850.419	434.217	Pass
6	72168.177	3593.868	144.770	Pass
7	72143.273	3437.806	64.758	Pass
8	72210.574	3582.346	237.464	Pass
9	72196.836	3628.250	490.170	Pass
10	72139.246	3725.580	208.740	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 13:36:11
Results file name:	7C6N3611.RTS
Inspection number:	
Item id:	-18
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:	Bottom and Collar -18cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72171.161 +-	12.581
Doubles:	3593.957 +-	61.429
Triples:	329.785 +-	57.547
Quads:	84.240 +-	105.161
Quads/Triples:	-0.179 +-	0.520
Scaler 1:	0.000 +-	0.000
Scaler 2:	777.165 +-	2.450

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	72179.478	3375.374	320.478	Pass
2	72122.971	3655.770	357.353	Pass
3	72163.676	3805.706	403.851	Pass
4	72138.705	3573.018	564.805	Pass
5	72221.470	3291.584	91.817	Pass
6	72145.438	3861.562	380.595	Pass
7	72137.352	3366.155	149.957	Pass
8	72197.412	3718.889	639.737	Pass
9	72160.293	3703.867	274.625	Pass
10	72244.817	3587.643	115.817	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.06 13:29:22
Results file name:	7C6N2922.RTS
Inspection number:	
Item id:	-20
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:	Bottom and Collar -20cm
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:	14351.830 +- 1.403
Passive doubles bkgrnd:	0.365 +- 0.942
Passive triples bkgrnd:	0.412 +- 0.675
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	1105.662
Number passive cycles:	10
Count time (sec):	30

Results

Singles:	72135.196 +-	10.130
Doubles:	3594.816 +-	28.603
Triples:	393.985 +-	58.573
Quads:	-27.002 +-	112.427
Quads/Triples:	2.335 +-	2.664
Scaler 1:	0.000 +-	0.000
Scaler 2:	716.385 +-	2.205

Passive cycle rate data

-20cm_Bottom+Collar_20171206.txt

Cycle	Singles	Doubles	Triples	QC Tests
1	72132.175	3727.598	496.397	Pass
2	72089.845	3485.207	222.868	Pass
3	72148.653	3475.970	545.765	Pass
4	72137.927	3504.292	450.562	Pass
5	72177.143	3632.278	342.653	Pass
6	72148.890	3642.786	4.899	Pass
7	72180.053	3613.185	340.170	Pass
8	72127.167	3523.684	530.864	Pass
9	72126.998	3690.327	650.085	Pass
10	72083.112	3652.835	355.443	Pass

【AFAS 性能確認試験】

(2)　2.2　AFAS の機器の健全性確認方法の検討

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.06.13 10:49:46
Results file name:	76DK4946.RTS
Inspection number:	B PC
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:	J-MOX inital
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:	0.422 +- 0.019
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:	40
Count time (sec):	30

Results

Singles:	1345.382 +-	1.189
Doubles:	11.800 +-	0.330
Triples:	0.058 +-	0.069
Quads:	0.016 +-	0.018
Quads/Triples:	-2.099 +-	2.097
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1362.545	11.133	0.193	Pass
2	1333.545	10.067	0.005	Pass
3	1337.045	12.033	0.770	Pass
4	1331.978	12.633	0.053	Pass
5	1356.978	14.067	-0.255	Pass
6	1346.245	11.367	-0.352	Pass
7	1354.012	16.033	0.008	Pass
8	1331.812	9.600	0.048	Pass
9	1343.978	10.567	-0.012	Pass
10	1355.845	9.933	-0.337	Pass
11	1348.078	13.567	0.163	Pass
12	1341.878	9.733	-0.003	Pass
13	1346.545	12.367	0.431	Pass
14	1352.345	13.933	-0.845	Pass
15	1338.378	9.367	0.333	Pass
16	1351.212	11.233	0.723	Pass
17	1332.978	13.267	0.094	Pass
18	1344.945	12.067	-0.306	Pass
19	1334.745	10.900	-0.503	Pass
20	1342.278	9.333	0.331	Pass
21	1342.245	14.900	-0.285	Pass
22	1349.012	12.300	0.699	Pass
23	1342.545	12.100	-0.473	Pass
24	1348.645	13.867	0.134	Pass
25	1353.412	12.700	0.461	Pass
26	1348.645	16.533	-0.592	Pass
27	1350.478	12.633	0.505	Pass
28	1342.578	15.367	0.777	Pass
29	1343.178	12.667	0.042	Pass
30	1350.712	11.900	-0.101	Pass
31	1347.578	7.933	-0.251	Pass
32	1331.978	11.367	0.361	Pass
33	1354.578	10.300	0.238	Pass
34	1352.112	10.900	1.185	Pass
35	1345.845	14.167	0.446	Pass
36	1339.678	12.667	-0.156	Pass
37	1350.278	9.667	-0.200	Pass
38	1346.678	9.133	-0.415	Pass
39	1347.378	9.000	-0.479	Pass
40	1340.345	8.700	-0.110	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.06.13 11:37:29
Results file name:	76DL3729.RTS
Inspection number:	B PC
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:	J-MOX inital
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:	5.212 +- 0.105
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:	40
Count time (sec):	30

Results

Singles:	13232.811 +-	4.445
Doubles:	1096.863 +-	4.356
Triples:	45.883 +-	2.691
Quads:	1.175 +-	1.631
Quads/Triples:	-0.026 +-	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	13269.235	1082.278	57.819	Pass
2	13267.729	1124.838	27.501	Pass
3	13228.061	1068.802	23.057	Pass
4	13229.199	1084.166	31.154	Pass
5	13250.757	1099.074	67.006	Pass
6	13188.326	1027.594	26.130	Pass
7	13240.212	1087.536	76.332	Pass
8	13216.612	1086.040	63.724	Pass
9	13265.051	1126.987	41.557	Pass
10	13255.644	1113.836	56.405	Pass
11	13261.603	1111.823	56.170	Pass
12	13285.170	1102.830	50.517	Pass
13	13252.966	1112.019	21.558	Pass
14	13232.111	1115.399	52.412	Pass
15	13215.407	1128.027	88.117	Pass
16	13214.671	1105.570	51.081	Pass
17	13249.719	1090.669	66.069	Pass
18	13266.490	1097.270	57.214	Pass
19	13281.923	1054.013	12.764	Pass
20	13197.197	1111.777	70.213	Pass
21	13238.974	1106.663	28.258	Pass
22	13201.515	1165.836	47.374	Pass
23	13229.031	1093.310	65.627	Pass
24	13248.882	1089.256	35.431	Pass
25	13246.137	1107.442	59.641	Pass
26	13250.891	1122.002	50.641	Pass
27	13172.927	1020.928	19.003	Pass
28	13242.522	1081.352	31.638	Pass
29	13192.811	1109.959	31.110	Pass
30	13203.590	1141.197	44.217	Pass
31	13234.588	1056.334	27.008	Pass
32	13214.068	1094.611	48.596	Pass
33	13257.787	1097.869	36.457	Pass
34	13243.225	1072.443	43.106	Pass
35	13199.372	1092.919	29.878	Pass
36	13178.785	1067.424	54.118	Pass
37	13227.927	1104.638	52.469	Pass
38	13203.456	1100.453	38.028	Pass
39	13242.522	1118.062	47.399	Pass
40	13215.340	1101.268	48.342	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.06.13 11:13:35
Results file name:	76DL1335.RTS
Inspection number:	B PC
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:	J-MOX inital
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:	0.665 +- 0.031
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:	40
Count time (sec):	30

Results

Singles:	1269.123 +-	0.994
Doubles:	10.699 +-	0.321
Triples:	0.125 +-	0.072
Quads:	0.015 +-	0.012
Quads/Triples:	-0.015 +-	0.111
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1268.768	12.467	-0.377	Pass
2	1271.435	10.200	-0.430	Pass
3	1272.535	12.567	0.374	Pass
4	1269.668	9.367	-0.128	Pass
5	1270.268	12.567	0.476	Pass
6	1269.835	8.233	-0.236	Pass
7	1273.035	12.633	0.332	Pass
8	1280.868	10.600	0.300	Pass
9	1269.368	12.800	-0.174	Pass
10	1275.268	11.767	0.734	Pass
11	1280.568	12.967	0.368	Pass
12	1269.368	11.833	-0.100	Pass
13	1268.902	9.200	0.317	Pass
14	1265.702	13.000	0.311	Pass
15	1272.802	10.467	0.678	Pass
16	1258.468	14.967	0.163	Pass
17	1253.368	10.167	0.548	Pass
18	1271.268	6.233	-0.402	Pass
19	1270.102	12.100	0.918	Pass
20	1268.268	10.500	-0.520	Pass
21	1274.502	6.767	0.214	Pass
22	1257.202	11.367	0.013	Pass
23	1255.835	12.100	-0.268	Pass
24	1263.002	13.700	0.354	Pass
25	1280.935	11.600	0.710	Pass
26	1273.802	8.567	-0.835	Pass
27	1271.068	9.633	-0.582	Pass
28	1272.268	8.967	0.503	Pass
29	1263.402	9.900	-0.265	Pass
30	1273.868	13.300	-0.385	Pass
31	1267.135	11.633	0.623	Pass
32	1260.135	9.133	-0.037	Pass
33	1268.935	9.600	0.751	Pass
34	1275.968	8.133	0.236	Pass
35	1270.968	8.367	0.017	Pass
36	1263.402	7.233	0.110	Pass
37	1271.135	11.500	0.592	Pass
38	1267.968	9.333	0.742	Pass
39	1265.068	10.000	0.090	Pass
40	1268.468	12.500	-0.749	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.06.13 14:23:06
Results file name:	76D02306.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:	J-MOX inital
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:	0.700 +- 0.028
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:	40
Count time (sec):	30

Results

Singles:	1190.544 +-	1.108
Doubles:	9.316 +-	0.267
Triples:	-0.012 +-	0.065
Quads:	0.011 +-	0.011
Quads/Triples:	0.077 +-	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	1181.433	9.833	-0.113	Pass
2	1201.133	10.500	-0.174	Pass
3	1190.433	4.933	0.229	Pass
4	1180.700	7.500	-0.067	Pass
5	1193.567	7.300	0.106	Pass
6	1181.000	10.433	0.111	Pass
7	1188.400	10.400	0.608	Pass
8	1194.333	10.367	-0.362	Pass
9	1203.767	11.600	0.373	Pass
10	1178.467	10.567	0.865	Pass
11	1188.667	13.533	0.072	Pass
12	1189.767	9.267	-0.239	Pass
13	1198.000	7.933	-0.744	Pass
14	1188.233	8.133	0.248	Pass
15	1188.800	12.433	-0.580	Pass
16	1179.233	9.567	-0.056	Pass
17	1204.667	9.500	-0.502	Pass
18	1192.367	8.333	0.228	Pass
19	1183.900	8.133	1.055	Pass
20	1191.400	11.133	-0.216	Pass
21	1199.233	10.900	0.030	Pass
22	1196.133	6.767	-0.654	Pass
23	1193.133	11.433	-0.369	Pass
24	1190.367	7.867	-0.100	Pass
25	1191.933	10.533	-0.375	Pass
26	1194.967	7.400	0.100	Pass
27	1184.300	10.533	0.099	Pass
28	1175.600	10.200	-0.301	Pass
29	1199.533	10.667	0.112	Pass
30	1187.733	7.467	-0.070	Pass
31	1188.400	8.933	-0.113	Pass
32	1190.400	9.400	-0.152	Pass
33	1185.167	9.367	-0.244	Pass
34	1195.167	8.800	0.526	Pass
35	1183.800	6.900	0.146	Pass
36	1192.467	8.533	-0.152	Pass
37	1196.633	8.667	-0.033	Pass
38	1200.200	9.433	-0.261	Pass
39	1191.733	8.800	0.993	Pass
40	1186.600	8.633	-0.489	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.06.13 15:10:47
Results file name:	76DP1047.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:	J-MOX inital
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:	7.075 +- 0.111
Passive doubles bkgrnd:	0.012 +- 0.005
Passive triples bkgrnd:	0.000 +- 0.000
Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	40
Count time (sec):	30

Results

Singles:	12735.028 +-	3.733
Doubles:	993.185 +-	3.067
Triples:	37.620 +-	2.293
Quads:	1.501 +-	1.879
Quads/Triples:	-0.019 +-	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	12721.724	986.990	23.984	Pass
2	12733.149	990.375	37.071	Pass
3	12725.833	979.224	22.611	Pass
4	12742.603	1007.956	35.630	Pass
5	12752.024	971.499	17.390	Pass
6	12707.593	975.434	28.486	Pass
7	12707.526	974.798	15.306	Pass
8	12703.083	983.937	24.371	Pass
9	12712.036	1002.287	33.945	Pass
10	12753.294	1006.721	45.684	Pass
11	12710.733	1021.404	41.443	Pass
12	12749.986	980.337	34.917	Pass
13	12739.730	947.991	20.856	Pass
14	12726.267	991.243	45.772	Pass
15	12740.599	1002.096	51.160	Pass
16	12732.715	990.375	48.885	Pass
17	12756.701	996.075	46.260	Pass
18	12743.706	1007.019	48.968	Pass
19	12727.169	1001.288	15.983	Pass
20	12688.351	951.724	43.877	Pass
21	12773.538	938.661	33.712	Pass
22	12706.825	1014.907	36.749	Pass
23	12755.265	996.142	35.021	Pass
24	12727.002	974.604	39.494	Pass
25	12728.806	1001.121	35.254	Pass
26	12745.243	995.770	47.936	Pass
27	12719.720	984.846	65.097	Pass
28	12805.576	1013.000	49.970	Pass
29	12775.442	1003.481	33.564	Pass
30	12712.337	1025.054	36.477	Pass
31	12744.441	1001.963	13.593	Pass
32	12735.354	992.452	13.723	Pass
33	12714.074	991.139	56.749	Pass
34	12781.957	1007.300	15.880	Pass
35	12724.965	994.959	37.886	Pass
36	12749.619	998.249	67.678	Pass
37	12718.584	1030.948	54.158	Pass
38	12719.352	1014.242	51.952	Pass
39	12745.543	991.350	33.317	Pass
40	12742.637	988.437	64.055	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.06.13 14:47:04
Results file name:	76D04704.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:	J-MOX inital
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:	1.032 +- 0.044
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:	40
Count time (sec):	30

Results

Singles:	1098.548 +-	1.018
Doubles:	8.126 +-	0.248
Triples:	0.046 +-	0.057
Quads:	-0.001 +-	0.009
Quads/Triples:	-0.195 +-	0.201
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1103.068	8.567	0.328	Pass
2	1101.902	7.233	0.185	Pass
3	1091.402	11.367	0.276	Pass
4	1095.435	10.700	0.579	Pass
5	1105.635	7.100	-0.167	Pass
6	1099.835	6.767	0.088	Pass
7	1110.502	6.567	0.437	Pass
8	1090.435	8.867	-0.353	Pass
9	1095.302	8.433	-0.161	Pass
10	1097.468	7.767	-0.279	Pass
11	1091.668	7.667	-0.534	Pass
12	1107.202	6.300	-0.542	Pass
13	1091.468	6.567	-0.263	Pass
14	1100.402	9.667	0.454	Pass
15	1100.702	10.100	0.119	Pass
16	1109.168	10.433	0.021	Pass
17	1092.502	9.867	0.543	Pass
18	1098.868	9.433	-0.035	Pass
19	1095.368	6.833	-0.944	Pass
20	1102.535	7.433	0.444	Pass
21	1098.635	7.267	-0.411	Pass
22	1098.768	8.233	0.052	Pass
23	1096.535	8.400	-0.094	Pass
24	1099.735	6.700	-0.105	Pass
25	1097.935	5.933	0.312	Pass
26	1094.035	9.533	0.199	Pass
27	1097.468	10.100	-0.414	Pass
28	1098.702	9.400	-0.195	Pass
29	1103.935	8.433	0.672	Pass
30	1105.202	6.400	-0.024	Pass
31	1088.702	9.767	-0.014	Pass
32	1116.668	6.933	-0.067	Pass
33	1103.735	10.767	0.206	Pass
34	1086.568	8.333	0.085	Pass
35	1098.435	5.400	0.185	Pass
36	1084.835	6.767	-0.139	Pass
37	1097.002	7.200	0.761	Pass
38	1098.768	7.633	0.225	Pass
39	1099.135	8.700	0.156	Pass
40	1096.235	5.467	0.283	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.07.21 14:42:48
Results file name:	77LO4248.RTS
Inspection number:	B PC
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:	J-MOX
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:	0.533 +- 0.032
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:	1309.773 +-	1.331
Doubles:	11.748 +-	0.484
Triples:	0.033 +-	0.124
Quads:	0.009 +-	0.016
Quads/Triples:	0.077 +-	0.146
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1300.100	11.067	-0.190	Pass
2	1313.467	12.900	0.110	Pass
3	1307.633	14.600	0.375	Pass
4	1311.700	11.067	-0.563	Pass
5	1305.367	13.267	0.858	Pass
6	1310.167	12.800	0.655	Pass
7	1309.500	6.500	0.150	Pass
8	1313.067	14.800	0.222	Pass
9	1303.933	9.333	-0.220	Pass
10	1311.700	11.267	-0.213	Pass
11	1302.167	12.800	-0.765	Pass
12	1318.033	15.133	0.987	Pass
13	1321.800	10.367	-0.380	Pass
14	1307.867	11.933	1.162	Pass
15	1306.800	11.133	-0.696	Pass
16	1303.900	14.100	0.087	Pass
17	1317.400	10.667	-0.502	Pass
18	1317.867	11.633	0.088	Pass
19	1302.900	8.533	-0.479	Pass
20	1310.100	11.067	-0.033	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.07.21 12:40:15
Results file name:	77LM4015.RTS
Inspection number:	B PC
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:	J-MOX
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:	4.912 +- 0.089
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:	12898.945 +-	6.521
Doubles:	1066.823 +-	5.129
Triples:	43.872 +-	3.622
Quads:	1.566 +-	2.049
Quads/Triples:	0.008 +-	0.057
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	12931.884	1070.913	59.524	Pass
2	12850.013	1058.320	30.244	Pass
3	12906.077	1071.567	67.198	Pass
4	12891.617	1046.450	19.634	Pass
5	12942.930	1073.542	43.807	Pass
6	12948.352	1103.595	63.845	Pass
7	12859.987	1084.711	35.636	Pass
8	12907.383	1031.605	36.175	Pass
9	12857.979	1074.694	65.425	Pass
10	12904.605	1127.965	57.103	Pass
11	12862.631	1056.783	8.193	Pass
12	12903.567	1061.819	49.264	Pass
13	12928.604	1071.717	58.997	Pass
14	12897.408	1050.353	36.290	Pass
15	12903.667	1051.971	43.186	Pass
16	12916.587	1060.954	33.080	Pass
17	12926.328	1071.413	44.742	Pass
18	12884.923	1082.644	54.908	Pass
19	12862.263	1060.110	46.754	Pass
20	12892.086	1025.343	23.355	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.07.21 14:27:40
Results file name:	77LO2740.RTS
Inspection number:	B PC
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:	J-MOX
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:	0.617 +- 0.028
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:	1233.865 +-	1.454
Doubles:	9.953 +-	0.430
Triples:	-0.067 +-	0.108
Quads:	0.025 +-	0.019
Quads/Triples:	-0.501 +-	0.491
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1244.217	9.433	-0.654	Pass
2	1224.717	10.967	-0.360	Pass
3	1236.483	9.100	-0.654	Pass
4	1234.117	8.833	0.007	Pass
5	1230.617	11.200	-0.121	Pass
6	1220.950	10.233	0.264	Pass
7	1232.383	10.200	-0.738	Pass
8	1225.617	12.633	0.537	Pass
9	1237.583	9.000	0.422	Pass
10	1234.017	10.267	0.255	Pass
11	1235.250	10.900	0.138	Pass
12	1239.983	7.767	0.045	Pass
13	1233.750	6.300	0.502	Pass
14	1236.817	8.067	-0.272	Pass
15	1224.283	9.067	-1.144	Pass
16	1231.617	13.500	0.769	Pass
17	1243.350	10.033	-0.030	Pass
18	1244.283	13.900	0.123	Pass
19	1233.150	7.600	-0.072	Pass
20	1234.117	10.067	-0.362	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.07.21 15:38:13
Results file name:	77LP3813.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:	J-MOX
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:	0.765 +- 0.028
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:	1156.158 +-	0.929
Doubles:	9.512 +-	0.537
Triples:	0.099 +-	0.097
Quads:	0.009 +-	0.015
Quads/Triples:	1.185 +-	0.953
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1155.835	8.600	-0.101	Pass
2	1153.968	6.667	0.007	Pass
3	1155.368	9.133	0.489	Pass
4	1156.102	7.867	0.082	Pass
5	1148.802	14.167	-0.042	Pass
6	1156.135	11.300	0.394	Pass
7	1157.568	6.900	0.524	Pass
8	1151.268	10.233	-0.052	Pass
9	1150.735	5.867	-0.399	Pass
10	1158.268	7.467	-0.416	Pass
11	1155.502	8.633	0.192	Pass
12	1157.102	7.533	-0.660	Pass
13	1155.668	13.667	0.357	Pass
14	1155.735	13.600	0.758	Pass
15	1165.602	9.867	-0.305	Pass
16	1153.402	11.133	0.009	Pass
17	1162.268	9.667	0.049	Pass
18	1164.102	8.200	-0.314	Pass
19	1153.168	8.333	0.251	Pass
20	1156.568	11.400	1.156	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.07.21 16:09:29
Results file name:	77LQ0929.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:	J-MOX
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:	7.148 +- 0.102
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:	12408.992 +-	5.821
Doubles:	979.602 +-	4.098
Triples:	39.225 +-	4.458
Quads:	-0.854 +-	2.123
Quads/Triples:	-0.053 +-	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	12427.612	970.022	73.755	Pass
2	12418.659	981.468	41.401	Pass
3	12408.003	967.337	54.338	Pass
4	12425.741	976.483	24.195	Pass
5	12422.768	981.838	43.000	Pass
6	12371.024	1014.527	66.872	Pass
7	12443.780	995.671	11.613	Pass
8	12389.697	995.385	37.267	Pass
9	12423.469	971.996	51.658	Pass
10	12374.531	983.830	66.833	Pass
11	12420.095	959.910	42.169	Pass
12	12439.170	997.779	42.655	Pass
13	12380.477	959.126	20.610	Pass
14	12369.855	998.859	40.740	Pass
15	12424.138	986.291	41.874	Pass
16	12370.523	990.122	39.065	Pass
17	12430.117	965.001	37.351	Pass
18	12445.918	1000.258	19.530	Pass
19	12410.575	951.738	-12.372	Pass
20	12383.684	944.398	42.037	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.07.21 15:55:53
Results file name:	77LP5553.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:	J-MOX
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:	1.032 +- 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:	20
Count time (sec):	30

Results

Singles:	1066.553 +-	1.550
Doubles:	7.342 +-	0.352
Triples:	0.159 +-	0.048
Quads:	-0.018 +-	0.012
Quads/Triples:	-0.389 +-	0.367
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1069.902	6.733	0.136	Pass
2	1062.502	9.300	0.396	Pass
3	1055.502	9.000	0.358	Pass
4	1064.935	6.667	0.410	Pass
5	1058.068	6.100	0.022	Pass
6	1062.268	3.300	0.342	Pass
7	1072.268	6.100	-0.090	Pass
8	1071.435	9.800	0.361	Pass
9	1065.435	7.467	-0.243	Pass
10	1068.735	9.267	0.299	Pass
11	1065.002	7.700	0.008	Pass
12	1065.635	7.833	0.161	Pass
13	1062.902	10.133	1.275	Fail outlier test
14	1078.935	6.433	0.491	Pass
15	1072.235	8.633	0.074	Pass
16	1074.035	9.267	0.158	Pass
17	1063.568	6.267	0.338	Pass
18	1073.468	5.967	-0.179	Pass
19	1073.668	7.467	-0.016	Pass
20	1062.335	6.967	-0.074	Pass
21	1051.135	6.567	0.222	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.08.17 16:31:01
Results file name:	78HQ3101.RTS
Inspection number:	B PC
Item id:	
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:	BWR-bottom
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:	0.593 +- 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:	1286.407 +-	1.188
Doubles:	11.027 +-	0.374
Triples:	0.061 +-	0.105
Quads:	0.011 +-	0.023
Quads/Triples:	0.201 +-	0.153
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1288.740	12.933	0.095	Pass
2	1279.840	9.367	-0.268	Pass
3	1287.973	13.367	-0.333	Pass
4	1278.307	7.100	-0.212	Pass
5	1287.607	9.067	0.317	Pass
6	1288.540	13.200	-0.751	Pass
7	1279.707	11.700	-0.094	Pass
8	1291.173	9.267	-0.366	Pass
9	1292.340	12.000	-0.393	Pass
10	1287.607	10.900	0.135	Pass
11	1285.740	9.167	0.512	Pass
12	1286.407	10.567	0.327	Pass
13	1288.107	13.100	1.150	Pass
14	1280.573	11.333	-0.062	Pass
15	1280.273	11.400	-0.237	Pass
16	1280.207	10.133	0.036	Pass
17	1297.007	12.700	0.381	Pass
18	1295.007	11.400	-0.348	Pass
19	1284.373	10.300	0.420	Pass
20	1288.607	11.533	0.910	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.08.17 16:56:31
Results file name:	78HQ5631.RTS
Inspection number:	B PC
Item id:	
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:	BWR-Coller
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:	5.148 +- 0.110
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:	12599.292 +- 2.725
Doubles:	1042.111 +- 4.030
Triples:	43.257 +- 3.664
Quads:	0.424 +- 2.268
Quads/Triples:	-0.017 +- 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	12603.906	1049.485	37.987	Pass
2	12610.365	1009.366	38.830	Pass
3	12600.660	1045.887	63.340	Pass
4	12588.075	1036.839	43.493	Pass
5	12601.697	1020.147	44.555	Pass
6	12597.179	1057.713	24.323	Pass
7	12622.883	1049.027	52.965	Pass
8	12591.556	1015.503	18.288	Pass
9	12587.440	1060.630	52.576	Pass
10	12582.754	1048.227	6.262	Pass
11	12600.158	1054.859	60.714	Pass
12	12577.734	1054.205	52.898	Pass
13	12603.002	1043.234	64.314	Pass
14	12595.238	1072.901	55.307	Pass
15	12582.152	1059.484	47.354	Pass
16	12617.394	1013.907	18.481	Pass
17	12614.951	1053.962	53.092	Pass
18	12595.338	1019.068	29.974	Pass
19	12609.696	1045.759	42.164	Pass
20	12603.672	1032.011	58.313	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.08.17 16:43:40
Results file name:	78HQ4340.RTS
Inspection number:	B PC
Item id:	
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:	BWR-Top
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:	0.672 +- 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:	20
Count time (sec):	30

Results

Singles:	1211.027 +- 1.467
Doubles:	9.163 +- 0.280
Triples:	0.025 +- 0.084
Quads:	0.016 +- 0.013
Quads/Triples:	-0.005 +- 0.120
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1198.028	10.700	0.177	Pass
2	1214.462	7.433	-0.245	Pass
3	1216.162	8.667	-0.277	Pass
4	1202.028	8.367	-0.044	Pass
5	1220.562	7.733	0.188	Pass
6	1206.462	7.633	0.270	Pass
7	1215.595	10.233	-0.263	Pass
8	1215.728	12.000	0.197	Pass
9	1209.828	8.633	0.334	Pass
10	1219.162	10.767	-0.176	Pass
11	1197.695	8.633	0.069	Pass
12	1205.595	9.367	-0.092	Pass
13	1220.528	8.733	-0.318	Pass
14	1210.095	9.167	-0.344	Pass
15	1210.495	10.633	1.078	Pass
16	1211.595	7.600	0.306	Pass
17	1210.928	9.267	0.181	Pass
18	1213.495	10.200	-0.024	Pass
19	1210.095	9.300	0.241	Pass
20	1211.995	8.200	-0.767	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.08.18 14:24:51
Results file name:	78I02451.RTS
Inspection number:	
Item id:	
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:	PWR-bottom
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:	0.953 +- 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:	20
Count time (sec):	30

Results

Singles:	1133.173 +-	1.603
Doubles:	8.660 +-	0.302
Triples:	0.004 +-	0.076
Quads:	-0.014 +-	0.009
Quads/Triples:	-0.032 +-	0.121
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1140.880	9.300	0.423	Pass
2	1139.047	9.133	0.005	Pass
3	1147.113	7.867	-0.211	Pass
4	1134.247	6.600	-0.148	Pass
5	1130.247	12.167	-0.145	Pass
6	1124.380	7.467	0.031	Pass
7	1142.080	10.467	0.365	Pass
8	1128.613	8.700	0.198	Pass
9	1139.280	9.000	0.379	Pass
10	1125.313	9.367	-0.375	Pass
11	1118.347	8.467	0.094	Pass
12	1131.247	8.833	-0.111	Pass
13	1127.047	10.100	0.469	Pass
14	1139.347	7.267	0.265	Pass
15	1137.780	7.333	-0.303	Pass
16	1129.180	9.433	-0.880	Pass
17	1129.580	8.700	0.342	Pass
18	1136.947	6.900	-0.107	Pass
19	1127.447	7.267	0.171	Pass
20	1135.347	8.833	-0.374	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.08.17 16:37:05
Results file name:	78HQ3705.RTS
Inspection number:	
Item id:	
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:	5.305 +- 0.086
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:	12173.639 +-	4.582
Doubles:	957.457 +-	3.957
Triples:	38.902 +-	3.592
Quads:	-1.174 +-	1.730
Quads/Triples:	-0.121 +-	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	12196.893	953.645	34.978	Pass
2	12154.003	962.301	31.961	Pass
3	12154.003	979.071	44.486	Pass
4	12184.167	981.124	64.554	Pass
5	12194.856	937.912	48.767	Pass
6	12198.630	928.875	14.334	Pass
7	12177.018	950.894	37.019	Pass
8	12170.137	960.867	24.873	Pass
9	12162.955	952.730	41.901	Pass
10	12202.038	951.873	48.928	Pass
11	12145.051	962.131	45.422	Pass
12	12164.225	944.998	20.918	Pass
13	12139.306	986.297	33.041	Pass
14	12147.155	963.437	51.544	Pass
15	12187.340	946.814	24.072	Pass
16	12188.609	957.425	73.764	Pass
17	12172.175	942.691	40.536	Pass
18	12170.605	959.595	34.200	Pass
19	12206.213	930.585	9.039	Pass
20	12157.410	995.876	54.021	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.08.17 16:50:19
Results file name:	78HQ5019.RTS
Inspection number:	
Item id:	
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:	PWR-Top
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:	0.747 +- 0.046
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:	1048.123 +-	0.989
Doubles:	7.250 +-	0.263
Triples:	-0.009 +-	0.081
Quads:	-0.009 +-	0.012
Quads/Triples:	0.134 +-	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	1042.487	7.133	-0.539	Pass
2	1053.187	8.533	-0.444	Pass
3	1048.887	6.033	-0.170	Pass
4	1037.820	7.367	0.106	Pass
5	1047.053	8.467	-0.332	Pass
6	1049.587	7.500	-0.035	Pass
7	1050.787	7.700	0.313	Pass
8	1049.687	6.433	-0.231	Pass
9	1049.053	9.100	0.255	Pass
10	1049.187	7.767	0.043	Pass
11	1055.087	9.033	0.321	Pass
12	1041.820	8.367	0.406	Pass
13	1042.853	6.733	-0.183	Pass
14	1050.487	6.900	0.036	Pass
15	1049.853	7.833	-0.025	Pass
16	1054.453	6.400	-0.434	Pass
17	1043.153	6.867	-0.059	Pass
18	1049.187	6.533	-0.172	Pass
19	1048.987	4.233	1.045	Pass
20	1048.853	6.067	-0.072	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.09.11 17:20:36
Results file name:	79BR2036.RTS
Inspection number:	B PC
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:	J-MOX
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:	0.560 +- 0.024
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:	1261.230 +-	1.500
Doubles:	10.182 +-	0.352
Triples:	-0.002 +-	0.104
Quads:	0.004 +-	0.015
Quads/Triples:	0.075 +-	0.094
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1266.207	9.633	-0.714	Pass
2	1264.840	9.733	-0.857	Pass
3	1261.307	7.833	-0.263	Pass
4	1264.507	12.300	0.166	Pass
5	1263.607	11.800	-0.221	Pass
6	1262.973	9.933	0.233	Pass
7	1254.673	7.067	0.032	Pass
8	1256.507	11.967	0.206	Pass
9	1264.473	10.567	0.775	Pass
10	1256.940	10.700	0.175	Pass
11	1250.873	9.033	-0.654	Pass
12	1247.540	7.667	-0.084	Pass
13	1254.973	8.400	0.553	Pass
14	1253.573	12.233	0.185	Pass
15	1271.607	12.333	0.096	Pass
16	1271.907	10.233	0.333	Pass
17	1267.173	10.633	-0.329	Pass
18	1266.740	10.900	-0.482	Pass
19	1265.373	10.000	0.859	Pass
20	1258.807	10.667	-0.062	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.09.11 16:56:18
Results file name:	79BQ5618.RTS
Inspection number:	B PC
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:	J-MOX
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:	5.887 +- 0.092
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:	12382.102 +-	6.912
Doubles:	1029.281 +-	4.324
Triples:	46.006 +-	3.078
Quads:	4.038 +-	2.401
Quads/Triples:	0.029 +-	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	12371.105	1014.758	44.777	Pass
2	12335.397	1005.092	49.544	Pass
3	12359.191	1018.178	16.596	Pass
4	12326.228	1046.446	25.293	Pass
5	12374.720	1016.911	36.905	Pass
6	12398.882	1045.084	65.256	Pass
7	12338.811	1025.959	50.534	Pass
8	12440.280	1010.536	59.357	Pass
9	12401.928	1051.772	64.374	Pass
10	12358.957	1007.090	37.673	Pass
11	12439.410	1025.085	62.303	Pass
12	12399.250	1048.444	49.872	Pass
13	12382.919	1007.307	24.754	Pass
14	12386.332	1047.192	57.763	Pass
15	12384.793	1010.534	58.759	Pass
16	12388.575	1025.925	37.747	Pass
17	12371.641	1067.308	37.009	Pass
18	12415.682	1043.146	51.264	Pass
19	12403.835	1013.402	48.527	Pass
20	12364.111	1055.442	41.888	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.09.11 17:08:31
Results file name:	79BR0831.RTS
Inspection number:	B PC
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:	J-MOX
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:	0.777 +- 0.037
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:	1192.252 +-	1.700
Doubles:	9.933 +-	0.388
Triples:	0.124 +-	0.100
Quads:	0.010 +-	0.011
Quads/Triples:	0.060 +-	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	1193.923	11.200	0.842	Pass
2	1192.857	10.533	0.326	Pass
3	1203.490	9.400	0.111	Pass
4	1189.057	5.600	-0.229	Pass
5	1180.857	10.433	0.611	Pass
6	1186.490	9.967	-0.822	Pass
7	1198.457	11.167	-0.124	Pass
8	1199.890	7.800	0.465	Pass
9	1209.623	12.567	0.226	Pass
10	1198.423	11.500	0.880	Pass
11	1188.190	10.067	0.434	Pass
12	1187.490	10.067	0.437	Pass
13	1193.023	12.467	0.177	Pass
14	1193.623	8.767	0.132	Pass
15	1189.057	11.067	-0.178	Pass
16	1199.090	9.867	-0.560	Pass
17	1184.957	10.900	-0.263	Pass
18	1183.957	7.767	-0.356	Pass
19	1180.523	7.533	0.433	Pass
20	1192.057	10.000	-0.066	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.09.11 14:22:29
Results file name:	79BO2229.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:	J-MOX
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:	0.845 +- 0.043
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:	1113.360 +-	1.248
Doubles:	7.843 +-	0.300
Triples:	0.110 +-	0.082
Quads:	0.004 +-	0.015
Quads/Triples:	-0.084 +-	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	1119.088	7.600	-0.243	Pass
2	1115.155	7.533	0.093	Pass
3	1126.722	6.333	0.043	Pass
4	1109.588	10.500	0.421	Pass
5	1116.155	5.767	0.457	Pass
6	1118.255	8.033	-0.442	Pass
7	1117.322	6.967	0.370	Pass
8	1110.622	6.800	-0.019	Pass
9	1109.088	11.000	-0.148	Pass
10	1114.455	7.300	-0.154	Pass
11	1116.955	7.000	-0.401	Pass
12	1112.222	7.633	0.416	Pass
13	1105.288	9.833	-0.063	Pass
14	1108.222	6.800	1.077	Pass
15	1103.455	8.300	0.116	Pass
16	1111.788	6.867	-0.291	Pass
17	1112.022	7.733	0.351	Pass
18	1113.655	8.633	0.182	Pass
19	1107.255	7.600	-0.010	Pass
20	1119.888	8.633	0.447	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.09.11 14:48:02
Results file name:	79B04802.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:	J-MOX
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:	7.672 +- 0.112
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:	11942.529 +- 4.302
Doubles:	941.457 +- 3.636
Triples:	40.882 +- 2.164
Quads:	3.310 +- 2.579
Quads/Triples:	0.085 +- 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	11927.136	943.079	55.975	Pass
2	11957.899	948.846	45.264	Pass
3	11959.503	945.466	34.559	Pass
4	11956.329	951.892	51.599	Pass
5	11935.520	928.187	42.545	Pass
6	11953.190	989.278	44.272	Pass
7	11932.113	948.068	40.917	Pass
8	11947.511	915.438	52.380	Pass
9	11935.319	942.680	55.287	Pass
10	11899.078	914.720	29.230	Pass
11	11955.294	931.641	18.110	Pass
12	11958.467	933.383	31.580	Pass
13	11921.123	939.462	42.005	Pass
14	11962.375	934.622	41.453	Pass
15	11950.050	933.848	27.242	Pass
16	11957.666	933.349	41.503	Pass
17	11919.988	936.115	33.036	Pass
18	11914.510	942.573	43.416	Pass
19	11934.518	955.868	41.075	Pass
20	11972.997	960.633	46.103	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.09.11 14:35:22
Results file name:	79B03522.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:	J-MOX
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:	1.147 +- 0.051
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:	1028.963 +-	1.351
Doubles:	7.905 +-	0.375
Triples:	0.073 +-	0.085
Quads:	-0.007 +-	0.012
Quads/Triples:	0.076 +-	0.133
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1031.953	7.933	-0.289	Pass
2	1040.353	8.367	-0.122	Pass
3	1019.687	6.633	-0.465	Pass
4	1021.120	5.100	0.902	Pass
5	1037.920	7.233	-0.014	Pass
6	1033.620	6.233	-0.148	Pass
7	1018.720	7.467	-0.019	Pass
8	1035.253	10.200	0.059	Pass
9	1028.320	10.733	0.226	Pass
10	1030.653	8.633	0.163	Pass
11	1027.753	11.433	0.145	Pass
12	1032.887	9.333	-0.218	Pass
13	1022.120	5.833	0.053	Pass
14	1022.087	7.967	0.047	Pass
15	1028.220	6.467	-0.297	Pass
16	1025.420	8.267	-0.074	Pass
17	1031.453	9.367	0.981	Pass
18	1031.020	6.333	-0.318	Pass
19	1033.353	7.633	0.561	Pass
20	1027.353	6.933	0.279	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.10.05 16:12:55
Results file name:	7A5Q1255.RTS
Inspection number:	B PC
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:	JMOX
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:	0.468 +- 0.032
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:	1240.133 +-	1.619
Doubles:	10.790 +-	0.490
Triples:	0.164 +-	0.109
Quads:	0.036 +-	0.016
Quads/Triples:	-1.318 +-	1.403
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1248.665	12.833	-0.059	Pass
2	1232.798	9.767	-0.266	Pass
3	1232.498	9.700	0.001	Pass
4	1241.832	10.200	0.953	Pass
5	1237.632	8.700	0.406	Pass
6	1238.498	10.933	0.133	Pass
7	1233.898	5.933	0.534	Pass
8	1243.398	14.400	0.318	Pass
9	1252.998	8.467	-0.410	Pass
10	1247.232	10.467	-0.200	Pass
11	1243.632	12.567	0.728	Pass
12	1245.965	11.167	-0.155	Pass
13	1227.865	14.967	-0.812	Pass
14	1239.232	11.867	-0.044	Pass
15	1235.398	10.133	-0.199	Pass
16	1235.498	9.333	1.226	Pass
17	1246.532	12.967	0.327	Pass
18	1244.098	9.900	0.509	Pass
19	1248.032	12.767	0.408	Pass
20	1226.965	8.733	-0.128	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.10.05 16:39:04
Results file name:	7A5Q3904.RTS
Inspection number:	B PC
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:	JMOX
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:	4.900 +- 0.076
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:	12150.857 +-	4.930
Doubles:	996.588 +-	4.180
Triples:	40.997 +-	4.029
Quads:	0.331 +-	1.888
Quads/Triples:	-0.977 +-	0.950
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	12150.052	992.070	48.831	Pass
2	12150.119	1019.551	58.358	Pass
3	12123.951	1024.069	33.915	Pass
4	12144.163	974.094	20.047	Pass
5	12186.026	1003.482	32.496	Pass
6	12158.251	1002.893	51.660	Pass
7	12122.378	983.150	44.633	Pass
8	12123.884	981.774	46.091	Pass
9	12186.026	956.684	30.472	Pass
10	12184.520	1016.214	47.050	Pass
11	12171.904	971.054	17.399	Pass
12	12145.468	977.252	64.434	Pass
13	12147.007	992.438	53.011	Pass
14	12133.622	997.771	65.317	Pass
15	12139.311	1006.576	20.963	Pass
16	12162.702	1017.476	62.342	Pass
17	12127.966	997.734	-0.107	Pass
18	12120.236	991.211	25.817	Pass
19	12173.477	1023.328	58.856	Pass
20	12166.082	1002.932	38.387	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.10.05 16:25:21
Results file name:	7A5Q2521.RTS
Inspection number:	B PC
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:	JMOX
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:	0.602 +- 0.029
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:	1170.252 +-	1.807
Doubles:	10.050 +-	0.407
Triples:	0.023 +-	0.111
Quads:	-0.005 +-	0.017
Quads/Triples:	0.147 +-	0.081
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1163.898	13.000	-0.200	Pass
2	1182.865	11.300	0.371	Pass
3	1172.298	8.433	0.434	Pass
4	1173.532	8.100	-0.142	Pass
5	1176.165	11.000	-0.695	Pass
6	1163.198	11.400	1.115	Pass
7	1170.065	9.000	0.155	Pass
8	1185.332	11.667	-0.352	Pass
9	1170.965	11.667	-0.378	Pass
10	1162.698	8.667	-0.054	Pass
11	1155.098	9.733	0.931	Pass
12	1154.132	8.700	0.445	Pass
13	1174.065	11.400	-0.626	Pass
14	1166.598	14.400	-0.690	Pass
15	1164.798	10.200	-0.163	Pass
16	1175.632	8.633	-0.086	Pass
17	1172.798	8.300	-0.056	Pass
18	1170.565	8.567	-0.207	Pass
19	1171.565	8.467	0.232	Pass
20	1178.765	8.367	0.430	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.10.05 14:06:49
Results file name:	7A500649.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:	jmox
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:	0.762 +- 0.033
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:	1093.220 +-	0.979
Doubles:	8.258 +-	0.479
Triples:	-0.047 +-	0.058
Quads:	0.008 +-	0.006
Quads/Triples:	0.005 +-	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	1097.538	8.500	-0.297	Pass
2	1095.972	10.167	-0.016	Pass
3	1096.905	6.667	-0.168	Pass
4	1094.638	6.933	-0.153	Pass
5	1099.238	6.800	-0.045	Pass
6	1092.338	9.800	-0.052	Pass
7	1093.072	7.267	-0.411	Pass
8	1083.038	6.667	0.536	Pass
9	1091.438	11.333	-0.057	Pass
10	1096.672	7.433	-0.224	Pass
11	1085.038	8.100	-0.500	Pass
12	1090.805	10.700	-0.052	Pass
13	1092.472	6.900	0.015	Pass
14	1090.305	7.367	0.283	Pass
15	1099.572	12.767	0.167	Pass
16	1096.905	10.333	0.278	Pass
17	1091.138	5.667	-0.031	Pass
18	1090.105	8.500	0.304	Pass
19	1090.772	3.833	-0.268	Pass
20	1096.438	9.433	-0.262	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.10.05 12:19:24
Results file name:	7A5M1924.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:	jmox
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:	6.665 +- 0.086
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:	11701.570 +- 5.593
Doubles:	908.913 +- 5.156
Triples:	35.615 +- 3.428
Quads:	-0.057 +- 1.936
Quads/Triples:	-0.066 +- 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	11768.616	938.107	55.745	Pass
2	11734.580	913.296	28.407	Pass
3	11680.905	895.708	33.846	Pass
4	11697.071	847.250	44.046	Pass
5	11706.857	938.522	73.609	Pass
6	11685.815	922.852	10.756	Pass
7	11710.932	927.713	19.829	Pass
8	11701.780	912.248	39.259	Pass
9	11742.997	902.655	54.594	Pass
10	11687.117	889.217	21.642	Pass
11	11678.700	930.916	48.476	Pass
12	11715.174	906.462	22.649	Pass
13	11674.559	928.940	36.815	Pass
14	11683.577	914.585	19.040	Pass
15	11696.803	938.419	31.957	Pass
16	11719.316	890.097	25.992	Pass
17	11696.670	898.557	46.092	Pass
18	11676.629	876.328	24.023	Pass
19	11700.277	900.968	44.238	Pass
20	11673.022	905.411	31.198	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.10.05 13:54:18
Results file name:	7A5N5418.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:	jmox
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:	0.977 +- 0.043
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:	1011.593 +-	1.480
Doubles:	6.477 +-	0.339
Triples:	-0.061 +-	0.075
Quads:	0.001 +-	0.012
Quads/Triples:	-0.022 +-	0.136
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1017.057	5.700	-0.607	Pass
2	1004.857	5.767	-0.069	Pass
3	1012.957	9.033	-0.016	Pass
4	1025.223	7.100	-0.602	Pass
5	1001.790	7.167	-0.491	Pass
6	1007.990	7.833	-0.141	Pass
7	1012.023	7.033	0.544	Pass
8	1018.390	5.267	0.523	Pass
9	1003.723	5.367	0.118	Pass
10	1008.090	8.133	-0.388	Pass
11	1012.390	6.200	0.266	Pass
12	1016.223	7.067	0.073	Pass
13	1016.190	6.300	-0.441	Pass
14	1000.857	2.733	0.058	Pass
15	1011.123	5.900	-0.019	Pass
16	1002.723	6.333	-0.075	Pass
17	1013.357	3.700	0.027	Pass
18	1021.090	7.267	0.227	Pass
19	1011.323	8.467	0.118	Pass
20	1014.490	7.167	-0.329	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.11.10 17:36:35
Results file name:	7BAR3635.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:	0.0001
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:	0.390 +- 0.025
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:	1210.037 +-	1.327
Doubles:	10.080 +-	0.408
Triples:	0.111 +-	0.102
Quads:	0.021 +-	0.014
Quads/Triples:	0.102 +-	0.092
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1205.277	13.933	0.227	Pass
2	1198.710	7.133	1.248	Pass
3	1203.577	8.133	0.104	Pass
4	1220.310	10.067	-0.486	Pass
5	1215.943	10.667	0.105	Pass
6	1206.177	12.667	0.722	Pass
7	1202.343	9.733	-0.483	Pass
8	1211.610	13.367	-0.034	Pass
9	1205.877	10.100	0.116	Pass
10	1212.077	10.367	0.191	Pass
11	1220.010	8.900	0.202	Pass
12	1209.010	7.533	-0.481	Pass
13	1210.943	9.967	0.825	Pass
14	1208.643	11.667	0.059	Pass
15	1204.710	9.600	-0.212	Pass
16	1216.110	11.267	-0.444	Pass
17	1207.577	9.867	0.373	Pass
18	1217.210	8.233	-0.306	Pass
19	1213.210	8.567	0.235	Pass
20	1211.410	9.833	0.268	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.11.10 17:23:15
Results file name:	7BAR2315.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
Comment:	
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	3.855 +- 0.101
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 of cycles:	20
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:	0.1970
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

Results

Singles:	11882.223 +- 6.241
Doubles:	973.320 +- 4.911
Triples:	34.407 +- 3.019
Quads:	0.563 +- 1.573
Quads/Triples:	-0.070 +- 0.074
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	11953.199	990.772	50.402	Pass

2	11847.229	973.239	45.794	Pass
3	11906.989	973.075	20.552	Pass
4	11871.856	963.144	48.310	Pass
5	11869.112	964.587	42.772	Pass
6	11886.846	958.518	44.900	Pass
7	11858.003	997.362	25.465	Pass
8	11846.124	970.450	37.867	Pass
9	11916.693	964.549	19.045	Pass
10	11868.677	998.712	11.045	Pass
11	11893.070	923.522	24.316	Pass
12	11891.229	982.335	28.747	Pass
13	11845.723	944.252	53.483	Pass
14	11872.926	991.796	25.612	Pass
15	11907.190	989.836	51.120	Pass
16	11856.062	988.527	48.323	Pass
17	11868.811	950.043	38.801	Pass
18	11875.034	1013.294	31.706	Pass
19	11895.412	981.431	11.352	Pass
20	11914.284	946.947	28.607	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.11.10 17:10:12
Results file name:	7BAR1012.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:	0.0001
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:	0.495 +- 0.034
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:	1142.193 +-	1.292
Doubles:	9.162 +-	0.346
Triples:	-0.048 +-	0.072
Quads:	-0.005 +-	0.016
Quads/Triples:	0.656 +-	0.660
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1149.505	7.500	0.650	Pass
2	1140.672	7.900	0.025	Pass
3	1136.438	9.833	-0.122	Pass
4	1150.372	11.200	-0.296	Pass
5	1140.772	11.600	-0.116	Pass
6	1149.905	9.433	0.734	Pass
7	1141.072	10.733	-0.149	Pass
8	1136.305	9.800	-0.109	Pass
9	1148.238	7.133	0.144	Pass
10	1139.372	7.400	-0.004	Pass
11	1146.905	9.967	-0.363	Pass
12	1132.072	8.600	0.241	Pass
13	1132.905	8.433	-0.247	Pass
14	1146.005	7.067	-0.019	Pass
15	1151.405	10.000	-0.537	Pass
16	1138.838	10.100	-0.134	Pass
17	1138.705	10.233	-0.377	Pass
18	1140.938	8.100	-0.090	Pass
19	1141.338	6.800	-0.395	Pass
20	1142.105	11.400	0.200	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.11.10 16:58:25
Results file name:	7BAQ5825.RTS
Inspection number:	
Item id:	K7-436
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Manual entry
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Comment:	
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	0.525 +- 0.033
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:	20
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:	0.0001
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

Results

Singles:	1066.298 +- 1.442
Doubles:	8.312 +- 0.276
Triples:	0.000 +- 0.000
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1075.642	9.167	0.000	Pass
2	1071.575	7.700	0.000	Pass
3	1069.575	10.533	0.000	Pass

4	1060.042	8.400	0.000	Pass
5	1068.175	6.367	0.000	Pass
6	1075.275	7.700	0.000	Pass
7	1070.608	8.267	0.000	Pass
8	1059.375	10.033	0.000	Pass
9	1072.508	8.033	0.000	Pass
10	1065.042	8.600	0.000	Pass
11	1056.142	7.367	0.000	Pass
12	1057.542	7.500	0.000	Pass
13	1070.142	9.567	0.000	Pass
14	1061.842	10.300	0.000	Pass
15	1067.108	9.233	0.000	Pass
16	1076.942	7.667	0.000	Pass
17	1061.642	7.267	0.000	Pass
18	1062.675	9.167	0.000	Pass
19	1057.875	6.467	0.000	Pass
20	1066.242	6.900	0.000	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.11.10 15:59:04
Results file name:	7BAP5904.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:	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:	5.332 +- 0.073
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:	11448.862 +- 5.115
Doubles:	902.631 +- 4.925
Triples:	36.134 +- 4.060
Quads:	-0.822 +- 2.849
Quads/Triples:	-0.636 +- 0.633
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	11445.031	909.528	51.948	Pass
2	11466.807	873.793	32.777	Pass
3	11437.883	917.724	45.055	Pass
4	11442.726	925.992	36.379	Pass
5	11492.725	900.942	54.260	Pass
6	11450.508	920.807	54.302	Pass
7	11474.923	914.356	16.302	Pass
8	11417.777	929.799	58.039	Pass
9	11469.379	933.798	24.225	Pass
10	11421.785	922.772	40.252	Pass
11	11481.837	884.841	1.889	Pass
12	11424.824	886.832	56.015	Pass
13	11422.686	887.768	26.877	Pass
14	11455.885	910.066	14.080	Pass
15	11441.056	881.014	27.803	Pass
16	11424.223	907.814	40.570	Pass
17	11444.129	917.994	72.281	Pass
18	11463.066	889.086	12.359	Pass
19	11476.693	847.157	25.433	Pass
20	11423.288	890.546	32.056	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.11.10 15:45:58
Results file name:	7BAP4558.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:	0.0001
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:	0.723 +- 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:	20
Count time (sec):	30

Results

Singles:	990.112 +-	1.335
Doubles:	7.033 +-	0.330
Triples:	-0.007 +-	0.087
Quads:	-0.007 +-	0.010
Quads/Triples:	-0.182 +-	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	1001.410	7.833	0.796	Pass
2	987.243	7.500	-0.539	Pass
3	995.177	5.233	-0.469	Pass
4	995.743	5.233	0.068	Pass
5	987.277	9.000	0.299	Pass
6	987.943	6.333	-0.336	Pass
7	983.643	10.133	0.165	Pass
8	989.510	6.967	0.527	Pass
9	986.210	6.867	-0.502	Pass
10	996.677	4.800	0.260	Pass
11	988.077	6.467	-0.374	Pass
12	988.843	9.633	-0.077	Pass
13	989.110	7.633	0.016	Pass
14	996.977	7.733	0.108	Pass
15	986.343	5.500	0.154	Pass
16	985.943	5.967	0.327	Pass
17	995.810	6.633	0.445	Pass
18	984.177	6.833	-0.131	Pass
19	998.277	5.867	-0.342	Pass
20	977.843	8.500	-0.534	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	17.12.11 16:37:14
Results file name:	7CBQ3714.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:	0.0001
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:	0.558 +- 0.023
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:	1179.405 +-	0.987
Doubles:	9.603 +-	0.346
Triples:	0.045 +-	0.091
Quads:	0.018 +-	0.014
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	1180.242	7.300	0.313	Pass
2	1180.008	9.567	0.146	Pass
3	1182.908	11.133	0.188	Pass
4	1178.908	7.133	-0.603	Pass
5	1178.975	10.533	-0.062	Pass
6	1182.408	10.333	0.415	Pass
7	1177.908	12.867	0.394	Pass
8	1183.308	9.167	-0.423	Pass
9	1175.708	8.667	-0.784	Pass
10	1177.642	7.800	0.079	Pass
11	1183.608	9.600	0.575	Pass
12	1183.375	9.833	-0.074	Pass
13	1188.442	9.067	0.641	Pass
14	1173.008	7.933	0.302	Pass
15	1176.108	7.867	0.105	Pass
16	1178.342	12.233	0.644	Pass
17	1171.042	10.967	-0.225	Pass
18	1173.008	9.900	-0.346	Pass
19	1178.075	10.200	-0.300	Pass
20	1185.075	9.967	-0.092	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	17.12.11 16:24:21
Results file name:	7CBQ2421.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:	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:	5.305 +- 0.110
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:	11597.649 +- 6.313
Doubles:	960.759 +- 5.250
Triples:	33.146 +- 3.222
Quads:	-3.714 +- 1.476
Quads/Triples:	-0.185 +- 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	11575.129	974.848	28.325	Pass
2	11600.456	972.076	36.936	Pass
3	11558.936	901.462	13.955	Pass
4	11588.545	993.427	59.373	Pass
5	11634.684	983.852	54.875	Pass
6	11562.482	954.960	16.178	Pass
7	11626.620	975.686	38.015	Pass
8	11585.434	952.018	34.306	Pass
9	11606.813	941.117	38.349	Pass
10	11591.557	973.280	22.056	Pass
11	11564.456	929.875	23.275	Pass
12	11601.226	939.737	43.042	Pass
13	11640.840	981.539	33.307	Pass
14	11636.558	942.613	20.957	Pass
15	11643.015	985.234	29.634	Pass
16	11609.557	982.325	65.281	Pass
17	11558.166	935.278	15.382	Pass
18	11610.059	954.351	19.638	Pass
19	11568.270	965.978	38.164	Pass
20	11590.185	975.529	31.545	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	17.12.11 16:11:55
Results file name:	7CBQ1155.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:	0.0001
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:	0.658 +- 0.032
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:	1112.110 +-	1.516
Doubles:	8.685 +-	0.475
Triples:	0.139 +-	0.075
Quads:	0.016 +-	0.012
Quads/Triples:	-0.057 +-	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	1127.575	9.433	0.456	Pass
2	1107.742	7.167	0.189	Pass
3	1106.575	8.300	0.174	Pass
4	1103.708	9.367	0.436	Pass
5	1108.375	6.700	0.556	Pass
6	1112.375	11.100	-0.024	Pass
7	1117.175	11.133	0.037	Pass
8	1114.275	11.867	-0.082	Pass
9	1117.042	10.667	-0.436	Pass
10	1107.575	6.067	0.539	Pass
11	1120.808	7.867	0.435	Pass
12	1116.308	6.233	-0.277	Pass
13	1105.408	11.133	0.347	Pass
14	1102.308	9.167	0.747	Pass
15	1109.408	6.133	-0.200	Pass
16	1116.275	5.567	0.202	Pass
17	1106.275	10.867	0.261	Pass
18	1106.108	11.033	-0.050	Pass
19	1115.742	6.900	-0.357	Pass
20	1121.142	7.000	-0.174	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	17.12.11 15:49:38
Results file name:	7CBP4938.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:	0.0001
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:	0.707 +- 0.033
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:	1047.970 +-	1.031
Doubles:	8.702 +-	0.386
Triples:	0.125 +-	0.086
Quads:	-0.000 +-	0.010
Quads/Triples:	1.118 +-	1.211
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1052.927	7.300	0.075	Pass
2	1050.493	9.600	0.150	Pass
3	1046.460	9.500	-0.039	Pass
4	1041.593	9.500	-0.002	Pass
5	1039.293	9.500	-0.499	Pass
6	1042.827	8.733	0.019	Pass
7	1049.593	9.300	0.538	Pass
8	1048.827	8.400	0.300	Pass
9	1043.260	10.433	-0.031	Pass
10	1053.693	10.667	0.245	Pass
11	1051.827	10.167	0.947	Pass
12	1051.493	6.300	0.274	Pass
13	1050.327	6.433	-0.195	Pass
14	1047.627	9.633	0.218	Pass
15	1050.393	4.300	-0.252	Pass
16	1049.260	7.133	-0.579	Pass
17	1041.827	9.133	0.555	Pass
18	1046.860	7.300	-0.121	Pass
19	1044.160	9.567	0.762	Pass
20	1056.660	11.133	0.143	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	17.12.11 16:01:54
Results file name:	7CBQ0154.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:	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:	7.065 +- 0.159
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:	11198.343 +-	4.703
Doubles:	873.572 +-	4.104
Triples:	31.871 +-	3.369
Quads:	-2.905 +-	1.877
Quads/Triples:	-0.223 +-	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	11214.315	868.122	42.411	Pass
2	11213.380	869.795	9.235	Pass
3	11173.670	849.873	21.093	Pass
4	11183.923	876.412	46.089	Pass
5	11186.528	860.384	36.192	Pass
6	11230.981	890.681	25.673	Pass
7	11195.112	880.364	19.592	Pass
8	11193.108	849.879	31.744	Pass
9	11229.378	896.805	42.793	Pass
10	11174.639	826.985	34.889	Pass
11	11208.204	901.048	21.327	Pass
12	11161.513	872.289	71.128	Pass
13	11214.315	884.954	9.538	Pass
14	11211.644	871.836	31.836	Pass
15	11163.918	851.543	37.532	Pass
16	11176.576	885.177	30.552	Pass
17	11196.514	878.156	42.200	Pass
18	11209.873	881.640	37.326	Pass
19	11206.934	885.922	39.675	Pass
20	11222.331	889.574	6.332	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	17.12.11 16:14:30
Results file name:	7CBQ1430.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:	0.0001
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:	1.147 +- 0.029
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:	965.342 +-	1.477
Doubles:	6.750 +-	0.311
Triples:	-0.077 +-	0.062
Quads:	0.007 +-	0.006
Quads/Triples:	0.353 +-	0.355
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	962.920	5.900	0.301	Pass
2	963.587	5.700	0.318	Pass
3	964.253	5.800	-0.160	Pass
4	974.953	8.400	0.007	Pass
5	974.520	9.700	-0.109	Pass
6	962.720	5.400	-0.135	Pass
7	959.820	8.267	-0.277	Pass
8	950.653	5.700	-0.049	Pass
9	956.187	7.767	-0.313	Pass
10	968.953	6.700	-0.183	Pass
11	967.253	5.233	-0.858	Pass
12	965.553	8.933	0.381	Pass
13	975.920	5.167	0.273	Pass
14	968.653	6.033	-0.108	Pass
15	964.220	8.200	-0.073	Pass
16	958.720	5.667	0.017	Pass
17	959.320	5.600	-0.278	Pass
18	965.120	7.333	0.074	Pass
19	970.853	5.967	-0.173	Pass
20	972.653	7.533	-0.205	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	18.01.11 15:34:01
Results file name:	81BP3401.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:	J-MOX
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:	0.473 +- 0.026
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:	1156.462 +-	1.984
Doubles:	10.283 +-	0.395
Triples:	0.195 +-	0.094
Quads:	0.033 +-	0.018
Quads/Triples:	0.117 +-	0.061
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1152.627	8.600	0.063	Pass
2	1171.727	10.967	0.242	Pass
3	1149.127	13.400	0.543	Pass
4	1157.027	11.833	-0.576	Pass
5	1172.193	14.033	0.841	Pass
6	1163.293	8.967	0.234	Pass
7	1159.060	8.533	0.336	Pass
8	1142.593	8.467	0.143	Pass
9	1162.160	10.567	0.145	Pass
10	1157.327	8.233	0.254	Pass
11	1154.060	9.200	-0.111	Pass
12	1155.393	12.000	-0.221	Pass
13	1151.893	9.167	0.886	Pass
14	1158.393	10.400	-0.107	Pass
15	1158.760	9.433	-0.200	Pass
16	1133.493	10.333	1.046	Pass
17	1151.227	9.800	-0.156	Pass
18	1164.993	13.100	-0.275	Pass
19	1157.860	10.133	0.413	Pass
20	1156.027	8.500	0.404	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	18.01.11 15:50:18
Results file name:	81BP5018.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:	J-MOX
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:	5.173 +- 0.095
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:	11329.108 +- 4.620
Doubles:	938.225 +- 6.574
Triples:	32.756 +- 2.425
Quads:	-1.636 +- 1.712
Quads/Triples:	-0.139 +- 0.076
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	11337.052	907.545	37.471	Pass
2	11308.013	917.735	51.400	Pass
3	11357.694	976.357	46.563	Pass
4	11343.308	944.853	16.381	Pass
5	11343.643	950.595	41.526	Pass
6	11312.128	920.995	37.937	Pass
7	11352.709	918.500	32.251	Pass
8	11326.113	937.523	33.094	Pass
9	11333.339	879.976	9.672	Pass
10	11336.417	900.762	23.974	Pass
11	11318.552	917.406	33.377	Pass
12	11286.268	986.117	38.586	Pass
13	11307.746	969.678	21.424	Pass
14	11317.280	962.565	36.322	Pass
15	11368.534	972.905	35.205	Pass
16	11316.344	950.343	36.919	Pass
17	11303.899	921.091	25.597	Pass
18	11336.450	914.663	24.405	Pass
19	11351.070	975.883	49.638	Pass
20	11325.611	939.000	23.405	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	18.01.11 16:02:31
Results file name:	81BQ0231.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:	J-MOX
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:	0.673 +- 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:	20
Count time (sec):	30

Results

Singles:	1086.732 +-	1.442
Doubles:	8.677 +-	0.416
Triples:	0.135 +-	0.098
Quads:	-0.001 +-	0.020
Quads/Triples:	-0.201 +-	0.233
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1089.060	9.733	0.392	Pass
2	1083.393	11.333	0.316	Pass
3	1086.793	5.467	-0.314	Pass
4	1082.560	9.233	0.593	Pass
5	1088.560	11.367	0.412	Pass
6	1084.660	10.233	0.022	Pass
7	1089.560	11.533	0.993	Pass
8	1084.393	5.033	-0.016	Pass
9	1091.193	10.433	0.175	Pass
10	1092.060	8.300	0.451	Pass
11	1081.960	8.700	-0.234	Pass
12	1078.760	8.200	0.763	Pass
13	1092.927	10.000	-0.364	Pass
14	1101.593	6.467	-0.656	Pass
15	1073.727	8.967	0.019	Pass
16	1091.560	8.367	0.446	Pass
17	1094.593	8.033	-0.430	Pass
18	1086.260	7.167	0.366	Pass
19	1078.360	7.667	-0.427	Pass
20	1082.660	7.300	0.196	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	18.01.11 11:12:59
Results file name:	81BL1259.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:	J-MOX
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:	0.817 +- 0.034
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:	1021.202 +- 1.668
Doubles:	7.353 +- 0.393
Triples:	-0.096 +- 0.075
Quads:	-0.010 +- 0.008
Quads/Triples:	-0.530 +- 0.457
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1018.050	5.733	-0.240	Pass
2	1024.750	5.367	-0.419	Pass
3	1012.617	7.333	-0.074	Pass
4	1020.950	7.400	0.083	Pass
5	1023.217	6.333	-0.315	Pass
6	1034.750	5.833	0.211	Pass
7	1021.450	8.333	-0.210	Pass
8	1036.850	4.967	0.206	Pass
9	1025.750	9.067	0.103	Pass
10	1025.117	7.567	-0.665	Pass
11	1022.483	9.767	-0.177	Pass
12	1024.117	8.000	0.077	Pass
13	1007.350	10.100	-0.618	Pass
14	1006.117	6.000	-0.487	Pass
15	1013.517	7.767	-0.273	Pass
16	1022.150	7.267	0.722	Pass
17	1019.983	9.200	0.099	Pass
18	1022.017	9.733	-0.204	Pass
19	1021.717	3.600	0.266	Pass
20	1021.083	7.700	-0.002	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	18.01.11 11:25:44
Results file name:	81BL2544.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:	J-MOX
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:	7.142 +- 0.088
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:	10937.399 +- 4.630
Doubles:	854.294 +- 4.643
Triples:	34.987 +- 2.729
Quads:	-0.780 +- 1.217
Quads/Triples:	-0.051 +- 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	10937.242	818.351	43.301	Pass
2	10953.773	850.176	28.490	Pass
3	10950.901	850.510	48.095	Pass
4	10951.502	865.935	39.277	Pass
5	10950.467	859.276	28.639	Pass
6	10951.368	881.628	54.055	Pass
7	10931.364	851.977	31.122	Pass
8	10958.215	812.803	46.720	Pass
9	10927.189	846.488	19.375	Pass
10	10957.513	869.149	51.239	Pass
11	10927.523	877.873	30.529	Pass
12	10935.338	833.575	27.209	Pass
13	10928.158	844.581	21.593	Pass
14	10898.268	884.054	34.174	Pass
15	10981.559	890.270	43.297	Pass
16	10926.421	866.430	57.256	Pass
17	10933.869	856.628	32.183	Pass
18	10940.682	834.246	23.973	Pass
19	10905.715	845.344	15.316	Pass
20	10900.906	846.581	23.885	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	18.01.11 11:38:12
Results file name:	81BL3812.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:	J-MOX
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:	0.975 +- 0.049
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:	942.325 +-	1.001
Doubles:	6.188 +-	0.429
Triples:	-0.028 +-	0.052
Quads:	0.018 +-	0.008
Quads/Triples:	0.648 +-	0.733
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	950.625	6.967	-0.028	Pass
2	947.592	3.767	-0.264	Pass
3	933.858	8.367	0.396	Pass
4	944.292	6.833	-0.084	Pass
5	940.892	7.033	-0.155	Pass
6	939.592	3.600	0.148	Pass
7	940.692	3.767	-0.460	Pass
8	935.825	7.700	0.070	Pass
9	940.125	5.933	-0.092	Pass
10	942.792	6.700	0.227	Pass
11	949.592	7.700	0.061	Pass
12	938.058	9.500	0.127	Pass
13	940.992	3.000	0.084	Pass
14	944.125	5.667	0.122	Pass
15	938.258	7.333	-0.041	Pass
16	940.125	3.600	-0.019	Pass
17	942.558	5.767	-0.246	Pass
18	948.692	5.833	0.175	Pass
19	942.258	5.400	-0.591	Pass
20	945.558	9.300	0.003	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	18.02.21 14:15:07
Results file name:	82L01507.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:	JMOX
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:	0.433 +- 0.019
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:	1119.713 +-	1.748
Doubles:	9.810 +-	0.314
Triples:	0.011 +-	0.087
Quads:	0.009 +-	0.021
Quads/Triples:	0.092 +-	0.203
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1111.633	11.933	0.715	Pass
2	1115.300	6.833	-0.723	Pass
3	1107.100	10.533	0.655	Pass
4	1109.967	10.833	-0.136	Pass
5	1109.900	10.667	0.544	Pass
6	1129.300	11.533	0.066	Pass
7	1112.167	7.800	-0.091	Pass
8	1128.367	10.367	0.287	Pass
9	1131.533	11.267	0.119	Pass
10	1125.867	9.867	0.124	Pass
11	1126.533	10.567	-0.498	Pass
12	1123.600	10.567	-0.627	Pass
13	1126.800	10.733	-0.272	Pass
14	1122.100	9.933	-0.014	Pass
15	1113.233	9.600	0.047	Pass
16	1120.900	8.667	0.382	Pass
17	1123.100	8.433	-0.044	Pass
18	1124.367	10.133	-0.332	Pass
19	1123.533	8.300	0.063	Pass
20	1108.967	7.633	-0.044	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	18.02.21 14:02:00
Results file name:	82L00200.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:	JMOX
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:	4.892 +- 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:	20
Count time (sec):	30

Results

Singles:	11013.575 +-	4.300
Doubles:	914.678 +-	3.729
Triples:	38.990 +-	2.985
Quads:	1.788 +-	1.901
Quads/Triples:	0.024 +-	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	11030.601	900.016	51.320	Pass
2	10987.816	932.017	54.324	Pass
3	10984.839	895.659	21.048	Pass
4	11009.091	904.871	29.538	Pass
5	11011.031	928.338	64.043	Pass
6	10995.309	910.839	36.701	Pass
7	11044.717	892.404	19.319	Pass
8	11006.081	915.108	53.563	Pass
9	11035.518	913.347	20.552	Pass
10	11015.848	901.418	25.761	Pass
11	10999.390	888.551	28.487	Pass
12	11002.802	930.549	38.384	Pass
13	11028.794	932.008	34.024	Pass
14	10991.931	907.513	42.413	Pass
15	10998.454	917.890	24.557	Pass
16	11051.408	954.950	46.906	Pass
17	11021.401	919.750	47.594	Pass
18	11002.334	899.463	42.046	Pass
19	11018.625	918.574	57.150	Pass
20	11035.518	930.300	41.982	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	18.02.21 13:49:07
Results file name:	82LN4907.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:	JMOX
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:	0.602 +- 0.031
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:	1057.248 +-	1.373
Doubles:	8.802 +-	0.451
Triples:	-0.023 +-	0.066
Quads:	-0.006 +-	0.011
Quads/Triples:	-70.114 +-	70.103
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1055.498	5.400	0.304	Pass
2	1048.265	8.233	0.183	Pass
3	1053.265	11.100	0.285	Pass
4	1059.565	9.400	-0.469	Pass
5	1047.098	7.933	-0.265	Pass
6	1062.032	8.000	0.187	Pass
7	1063.632	9.400	0.458	Pass
8	1052.232	8.233	-0.388	Pass
9	1067.698	6.767	0.237	Pass
10	1057.632	6.700	-0.258	Pass
11	1069.298	9.033	-0.185	Pass
12	1055.265	7.900	-0.201	Pass
13	1050.298	8.633	0.151	Pass
14	1051.665	11.067	-0.412	Pass
15	1062.332	8.367	-0.336	Pass
16	1051.865	11.433	-0.041	Pass
17	1057.065	8.833	0.000	Pass
18	1060.832	8.200	-0.255	Pass
19	1058.932	14.467	0.156	Pass
20	1060.498	6.933	0.398	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	18.02.21 16:26:53
Results file name:	82LQ2653.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:	JMOX
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:	0.713 +- 0.020
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:	992.830 +-	1.263
Doubles:	7.933 +-	0.363
Triples:	0.101 +-	0.076
Quads:	-0.023 +-	0.009
Quads/Triples:	-0.028 +-	0.192
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	995.020	5.933	0.155	Pass
2	992.120	9.767	-0.189	Pass
3	988.920	6.567	0.553	Pass
4	984.587	7.500	-0.069	Pass
5	1008.553	6.333	0.326	Pass
6	995.320	9.733	0.015	Pass
7	994.253	6.467	0.157	Pass
8	985.487	8.700	-0.082	Pass
9	984.753	8.567	-0.440	Pass
10	995.420	7.300	0.601	Pass
11	992.620	10.000	-0.065	Pass
12	989.453	11.100	0.032	Pass
13	994.220	8.133	-0.420	Pass
14	997.153	4.967	-0.153	Pass
15	992.020	7.833	0.006	Pass
16	989.653	9.533	0.264	Pass
17	988.987	6.200	-0.297	Pass
18	995.487	8.833	0.405	Pass
19	991.387	6.733	0.772	Pass
20	1001.187	8.467	0.459	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	18.02.21 16:12:38
Results file name:	82LQ1238.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:	JMOX
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:	6.953 +- 0.121
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:	10616.165 +- 4.235
Doubles:	826.042 +- 3.954
Triples:	29.475 +- 1.788
Quads:	-2.704 +- 1.207
Quads/Triples:	-0.127 +- 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	10631.660	839.078	40.295	Pass
2	10575.223	798.681	22.950	Pass
3	10620.005	804.514	21.545	Pass
4	10661.248	852.603	38.998	Pass
5	10628.153	843.961	32.869	Pass
6	10636.335	840.150	17.941	Pass
7	10634.498	829.644	30.720	Pass
8	10609.252	811.370	27.464	Pass
9	10596.095	799.422	13.639	Pass
10	10612.558	843.823	30.458	Pass
11	10615.263	824.152	28.379	Pass
12	10606.380	803.172	37.443	Pass
13	10607.182	835.625	31.056	Pass
14	10604.744	828.498	25.217	Pass
15	10620.907	804.247	18.300	Pass
16	10599.067	810.229	30.644	Pass
17	10593.690	830.669	31.466	Pass
18	10633.263	842.524	30.798	Pass
19	10624.480	845.867	33.216	Pass
20	10613.293	832.615	45.875	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	18.02.21 15:59:54
Results file name:	82LP5954.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:	JMOX
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:	0.968 +- 0.031
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:	913.760 +-	1.295
Doubles:	5.945 +-	0.311
Triples:	0.036 +-	0.066
Quads:	-0.013 +-	0.008
Quads/Triples:	-0.100 +-	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	910.098	7.633	-0.079	Pass
2	919.332	7.067	-0.083	Pass
3	912.365	5.367	0.616	Pass
4	917.665	6.067	0.277	Pass
5	919.232	7.400	-0.104	Pass
6	918.898	4.233	0.084	Pass
7	909.298	5.133	-0.397	Pass
8	911.265	5.600	0.006	Pass
9	907.665	6.100	-0.223	Pass
10	905.732	4.067	0.534	Pass
11	910.298	4.000	-0.365	Pass
12	919.898	4.867	0.410	Pass
13	906.198	6.467	0.421	Pass
14	919.032	5.767	-0.140	Pass
15	919.665	9.000	-0.065	Pass
16	915.232	6.567	0.280	Pass
17	915.198	4.733	-0.111	Pass
18	903.798	8.200	0.123	Pass
19	910.265	4.733	-0.211	Pass
20	924.065	5.900	-0.249	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR BOTTOM
Detector id:	AFASB-Bot
Electronics id:	AMSR
Measurement date:	18.03.06 15:38:17
Results file name:	836P3817.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:	JMOX
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:	0.497 +- 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:	1113.495 +-	1.146
Doubles:	9.732 +-	0.372
Triples:	0.195 +-	0.078
Quads:	0.020 +-	0.015
Quads/Triples:	0.001 +-	0.090
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1115.003	8.567	0.822	Pass
2	1115.070	10.000	0.215	Pass
3	1115.237	10.600	0.279	Pass
4	1109.503	9.367	0.330	Pass
5	1107.903	9.400	0.433	Pass
6	1108.603	8.033	0.534	Pass
7	1111.770	9.033	0.061	Pass
8	1115.670	10.900	-0.043	Pass
9	1122.337	9.600	-0.228	Pass
10	1105.903	9.933	0.328	Pass
11	1106.237	11.567	0.881	Pass
12	1124.837	9.267	0.133	Pass
13	1112.137	6.967	-0.134	Pass
14	1115.103	8.100	0.259	Pass
15	1110.337	13.600	-0.065	Pass
16	1120.437	8.133	-0.079	Pass
17	1118.337	8.400	-0.504	Pass
18	1111.903	13.133	-0.133	Pass
19	1112.170	10.533	0.519	Pass
20	1111.403	9.500	0.284	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR-BWR
Detector id:	AFASB
Electronics id:	AMSR
Measurement date:	18.03.06 16:04:05
Results file name:	836Q0405.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:	JMOX
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:	5.482 +- 0.069
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:	10888.540 +- 5.008
Doubles:	898.921 +- 4.397
Triples:	40.175 +- 3.424
Quads:	1.174 +- 1.505
Quads/Triples:	-0.000 +- 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	10903.031	941.869	64.258	Pass
2	10884.800	867.741	28.574	Pass
3	10874.565	906.673	57.141	Pass
4	10883.027	911.613	47.715	Pass
5	10907.814	884.236	30.631	Pass
6	10890.286	877.714	43.238	Pass
7	10919.187	894.414	28.629	Pass
8	10872.491	880.188	15.125	Pass
9	10839.777	894.234	25.359	Pass
10	10904.569	921.494	51.573	Pass
11	10883.061	898.253	39.970	Pass
12	10907.680	889.003	45.941	Pass
13	10888.714	928.030	28.768	Pass
14	10867.808	909.690	17.337	Pass
15	10915.541	902.535	24.624	Pass
16	10840.312	869.126	54.380	Pass
17	10913.902	898.707	71.950	Pass
18	10877.073	879.989	46.735	Pass
19	10901.291	918.673	39.444	Pass
20	10895.872	904.235	41.990	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	BWR TOP
Detector id:	AFASB-Top
Electronics id:	AMSR
Measurement date:	18.03.06 15:51:24
Results file name:	836P5124.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:	JMOX
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:	0.657 +- 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:	1047.543 +-	1.127
Doubles:	8.907 +-	0.428
Triples:	-0.039 +-	0.063
Quads:	-0.008 +-	0.014
Quads/Triples:	0.011 +-	0.191
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	1051.677	7.600	-0.212	Pass
2	1053.143	6.533	-0.172	Pass
3	1043.110	9.200	-0.213	Pass
4	1050.777	4.567	0.593	Pass
5	1035.477	6.867	-0.120	Pass
6	1047.943	9.767	-0.520	Pass
7	1046.610	12.133	-0.080	Pass
8	1052.643	8.233	-0.222	Pass
9	1043.410	7.433	-0.030	Pass
10	1041.543	11.733	-0.216	Pass
11	1046.143	9.800	-0.123	Pass
12	1046.843	10.100	0.188	Pass
13	1045.243	6.933	0.603	Pass
14	1049.843	11.233	-0.057	Pass
15	1051.877	10.833	0.102	Pass
16	1043.510	8.867	-0.257	Pass
17	1053.743	8.100	0.018	Pass
18	1042.010	8.700	-0.314	Pass
19	1054.710	9.667	0.318	Pass
20	1050.610	9.833	-0.064	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR BOTTOM
Detector id:	AFASP-Bot
Electronics id:	AMSR
Measurement date:	18.03.06 13:40:06
Results file name:	836N4006.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:	JMOX
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:	0.817 +- 0.042
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:	984.177 +-	1.514
Doubles:	7.857 +-	0.468
Triples:	0.063 +-	0.076
Quads:	0.004 +-	0.014
Quads/Triples:	-0.006 +-	0.356
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	973.383	7.600	0.158	Pass
2	980.483	10.700	0.828	Pass
3	981.217	8.867	-0.024	Pass
4	987.850	4.700	-0.435	Pass
5	972.317	7.467	0.167	Pass
6	993.783	9.000	0.029	Pass
7	978.983	13.367	-0.238	Pass
8	980.583	8.133	0.526	Pass
9	982.817	7.300	0.211	Pass
10	982.217	4.833	-0.300	Pass
11	987.950	5.233	-0.433	Pass
12	999.017	7.567	0.147	Pass
13	986.383	8.433	0.369	Pass
14	987.450	10.400	-0.359	Pass
15	986.683	5.467	-0.181	Pass
16	984.450	7.167	-0.054	Pass
17	984.117	9.100	0.393	Pass
18	995.650	7.033	-0.011	Pass
19	978.683	7.767	-0.022	Pass
20	979.517	7.000	0.490	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	COLLAR
Detector id:	AFASP
Electronics id:	AMSR
Measurement date:	18.03.06 13:52:14
Results file name:	836N5214.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
Comment:	JMOX
Normalization constant:	1.0000 +- 0.0000
Passive singles bkgrnd:	7.582 +- 0.116
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 of cycles:	20
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:	0.1620
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

Results

Singles:	10503.938 +-	4.896
Doubles:	822.832 +-	2.657
Triples:	34.426 +-	3.050
Quads:	1.865 +-	1.378
Quads/Triples:	0.061 +-	0.048
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	10523.902	825.932	37.757	Pass

2	10501.027	819.034	47.154	Pass
3	10508.875	816.494	40.498	Pass
4	10480.791	832.009	32.024	Pass
5	10502.230	812.176	37.084	Pass
6	10509.176	836.567	25.587	Pass
7	10572.858	832.403	35.119	Pass
8	10471.106	829.229	39.093	Pass
9	10494.315	810.334	17.451	Pass
10	10496.619	810.167	26.857	Pass
11	10469.470	836.957	29.705	Pass
12	10511.680	826.130	21.664	Pass
13	10507.138	789.161	14.717	Pass
14	10509.376	824.791	39.945	Pass
15	10502.530	832.115	46.480	Pass
16	10488.438	830.338	24.284	Pass
17	10515.721	837.204	48.358	Pass
18	10490.775	813.980	19.402	Pass
19	10501.862	820.874	74.223	Pass
20	10520.863	820.746	31.157	Pass

INCC 5.1.2

Facility:	JMOX
Material balance area:	XXXX
Detector type:	PWR TOP
Detector id:	AFASP-Top
Electronics id:	AMSR
Measurement date:	18.03.06 11:50:35
Results file name:	836L5035.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:	JMOX
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:	1.052 +- 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:	906.988 +-	1.591
Doubles:	6.148 +-	0.278
Triples:	0.032 +-	0.054
Quads:	0.008 +-	0.009
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	902.415	6.167	-0.190	Pass
2	906.648	3.867	0.174	Pass
3	918.048	6.400	0.387	Pass
4	912.615	5.333	0.121	Pass
5	903.348	5.100	0.140	Pass
6	899.015	7.933	-0.222	Pass
7	908.682	5.533	0.376	Pass
8	911.182	8.467	0.236	Pass
9	896.582	6.700	-0.185	Pass
10	897.315	6.767	0.309	Pass
11	902.182	5.867	-0.337	Pass
12	901.815	6.500	-0.077	Pass
13	918.548	5.933	0.381	Pass
14	907.448	5.767	0.030	Pass
15	899.015	4.200	-0.142	Pass
16	913.315	7.933	-0.131	Pass
17	920.915	6.267	-0.203	Pass
18	905.648	7.700	0.185	Pass
19	908.715	4.433	-0.321	Pass
20	906.315	6.100	0.112	Pass

【AVIS 性能確認試験】

(1)　3.1　中性子計数装置の確認試験

（信号分岐装置の健全性確認）

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	17.09.08 15:09:50
Results file name:	798P0950.RTS
Inspection number:	
Item id:	I7-106
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	Off
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Direct
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:	8.572 +- 0.171
Passive doubles bkgrnd:	0.058 +- 0.015
Passive triples bkgrnd:	0.008 +- 0.004
Passive scaler1 bkgrnd:	1.012
Passive scaler2 bkgrnd:	3.835
Number passive cycles:	10
Count time (sec):	60

Passive summed raw data

Shift register singles sum:	36915405
Shift register reals + accidentals sum:	176201325
Shift register accidentals sum:	145359687
Shift register 1st scaler sum:	10253296
Shift register 2nd scaler sum:	5697478

Passive summed multiplicity distributions

	R+A sums	A sums
0	1677238	3650548
1	3249548	4531017
2	4414667	5208364
3	4977838	5237264
4	4930596	4700770
5	4444589	3897865
6	3712688	3034119
7	2913730	2237114
8	2169629	1574324
9	1547214	1064627
10	1057241	695264
11	699336	438938
12	447279	269828
13	278548	161878
14	168593	94536
15	99642	54045
16	57007	30160
17	32424	16466
18	17787	8862
19	9534	4606
20	4968	2338
21	2571	1180
22	1388	619
23	691	298
24	318	132
25	156	55
26	99	28
27	48	13
28	25	5
29	10	1
30	3	1

Results

Singles:	61793.773 +-	16.639
Doubles:	52333.521 +-	31.978
Triples:	25008.009 +-	109.633
Quads:	5651.787 +-	358.348
Quads/Triples:	0.226 +-	0.014
Scaler 1:	17087.815 +-	5.782
Scaler 2:	9491.962 +-	4.856

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3686282	17571330	14494565	1022925	569754	Pass
2	3693543	17642227	14551736	1025117	569467	Pass
3	3693043	17622866	14547758	1025664	569572	Pass
4	3693582	17640742	14552041	1026948	569729	Pass
5	3695799	17656966	14569519	1026134	571563	Pass
6	3692032	17632183	14539835	1026029	569321	Pass
7	3687139	17583663	14501319	1024715	568385	Pass
8	3689798	17600527	14522248	1024621	568788	Pass
9	3690018	17608023	14523993	1025308	570068	Pass
10	3694169	17642798	14556673	1025835	570831	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	61705.341	52206.634	25344.558	Pass
2	61827.449	52441.397	25287.563	Pass
3	61819.040	52180.240	24686.731	Pass
4	61828.105	52411.033	25098.085	Pass
5	61865.389	52390.321	24884.745	Pass
6	61802.038	52472.520	25008.080	Pass
7	61719.753	52301.517	25281.899	Pass
8	61764.469	52233.220	24236.024	Pass
9	61768.169	52330.861	24945.828	Pass
10	61837.977	52367.471	25306.281	Pass

Passive multiplicity distributions for each cycle

Cycle 1	R+A	A
0	167982	364489
1	325149	453242
2	442101	521423
3	497999	523936
4	493619	469925
5	443568	388810
6	370043	302702
7	289482	222853
8	215466	156592
9	153577	105706
10	105262	68667
11	69941	43443
12	44760	26939
13	27986	16264
14	16910	9436
15	9919	5423
16	5618	3008
17	3227	1607
18	1769	865
19	972	485
20	461	232
21	223	121
22	119	54
23	64	24
24	32	14
25	14	6
26	9	1
27	5	1
28	4	1
29	0	0
30	1	0

Cycle 2	R+A	A
0	167002	365089
1	325205	452463
2	441244	521381
3	498317	523771
4	493050	470825
5	445433	390269
6	370814	303407

7	292031	223829
8	217078	157527
9	154906	106432
10	105475	69422
11	70154	44123
12	44913	27176
13	27783	16213
14	17040	9543
15	10188	5456
16	5678	3046
17	3218	1644
18	1898	931
19	989	486
20	508	240
21	278	119
22	150	72
23	99	34
24	43	16
25	24	8
26	16	3
27	4	2
28	5	0

Cycle 3	R+A	A
0	167892	363724
1	325139	453474
2	441329	520919
3	497679	523983
4	493181	470887
5	445510	390738
6	372054	303444
7	290937	223784
8	217161	157618
9	154802	106357
10	105644	69510
11	70121	44258
12	44857	27038
13	27512	16057
14	16658	9425
15	9912	5344
16	5725	2995
17	3242	1664
18	1780	905
19	961	455
20	501	234
21	239	116
22	118	63
23	55	25
24	15	7
25	7	2
26	6	1
27	6	0

Cycle 4	R+A	A
0	167980	365018
1	324492	452664

2	441295	521070
3	498226	524304
4	491763	469535
5	445061	390319
6	371613	303493
7	291329	224160
8	217880	157707
9	155515	106952
10	106393	69892
11	70012	44069
12	44674	26985
13	28038	16183
14	16727	9452
15	9853	5361
16	5746	2990
17	3349	1649
18	1722	876
19	924	434
20	474	225
21	244	119
22	120	57
23	74	30
24	34	12
25	18	6
26	7	2
27	7	1
28	2	1
29	8	1
30	2	1

Cycle 5	R+A	A
0	167747	365156
1	324414	452695
2	440973	520458
3	498585	524200
4	492927	470094
5	444894	390833
6	371890	304303
7	292677	224285
8	217557	157881
9	155453	107148
10	106229	70050
11	70358	44115
12	44702	26869
13	28007	16311
14	16756	9504
15	9871	5369
16	5616	3011
17	3188	1640
18	1854	899
19	1000	474
20	499	240
21	281	119
22	167	63
23	72	35
24	43	17

25	18	8
26	16	6
27	4	2
28	1	1

Cycle 6	R+A	A
0	167697	365915
1	324747	452629
2	441624	521393
3	497658	523573
4	492820	469904
5	443852	389319
6	371060	302751
7	291640	223588
8	216843	157680
9	155039	106698
10	106176	69559
11	70517	44107
12	44969	27269
13	28009	16294
14	16803	9528
15	9911	5392
16	5701	2972
17	3205	1641
18	1716	856
19	978	462
20	508	250
21	273	115
22	139	65
23	81	34
24	29	15
25	21	5
26	5	2
27	4	1
28	7	1

Cycle 7	R+A	A
0	167890	366214
1	325348	453441
2	441487	519614
3	497468	523335
4	493208	469920
5	443854	388522
6	370037	302933
7	291123	223169
8	216362	156786
9	153729	106257
10	105391	69396
11	69161	43348
12	44626	26719
13	27732	16091
14	16779	9442
15	10027	5422
16	5787	3006
17	3236	1655
18	1775	878

19	970	479
20	545	241
21	280	127
22	150	61
23	76	34
24	42	17
25	24	8
26	16	6
27	11	3
28	3	1
29	2	0

Cycle 8	R+A	A
0	167518	365650
1	325427	453606
2	441358	520173
3	496533	521875
4	492930	470104
5	444734	389698
6	372216	303509
7	291885	224568
8	216444	157268
9	154669	106331
10	105007	69262
11	69511	43451
12	44709	26935
13	27636	16152
14	17059	9411
15	10012	5443
16	5568	3017
17	3142	1622
18	1684	874
19	858	419
20	463	209
21	241	111
22	103	55
23	53	28
24	22	9
25	10	3
26	5	1
27	0	1
28	1	0

Cycle 9	R+A	A
0	167860	364480
1	324861	454081
2	441676	521332
3	497373	523215
4	493426	469670
5	443278	389032
6	370993	303650
7	291245	222830
8	217652	157578
9	154583	106386
10	105640	69691
11	69766	43891

12	44474	26827
13	27746	16100
14	16825	9361
15	9877	5381
16	5710	3039
17	3321	1660
18	1778	892
19	925	453
20	496	228
21	245	114
22	168	65
23	52	29
24	27	12
25	8	4
26	9	3
27	3	1
28	1	0

Cycle 10	R+A	A
0	167670	364813
1	324766	452722
2	441580	520601
3	498000	525072
4	493672	469906
5	444405	390325
6	371968	303927
7	291381	224048
8	217186	157687
9	154941	106360
10	106024	69815
11	69795	44133
12	44595	27071
13	28099	16213
14	17036	9434
15	10072	5454
16	5858	3076
17	3296	1684
18	1811	886
19	957	459
20	513	239
21	267	119
22	154	64
23	65	25
24	31	13
25	12	5
26	10	3
27	4	1
28	1	0

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	17.09.08 14:43:00
Results file name:	79804300.RTS
Inspection number:	
Item id:	I7-106
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	Off
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Spritter2 Out1
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:	8.778 +- 0.148
Passive doubles bkgrnd:	1.088 +- 0.962
Passive triples bkgrnd:	7.577 +- 7.366
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:	36930273
Shift register reals + accidentals sum:	176304055
Shift register accidentals sum:	145476959
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	1677320	3649151
1	3245801	4528709
2	4413471	5207194
3	4976447	5236780
4	4934723	4707129
5	4449167	3899871
6	3714870	3037134
7	2921894	2240092
8	2173085	1577038
9	1547337	1066911
10	1058825	695339
11	698351	440272
12	447946	270322
13	278068	161830
14	167052	94149
15	98841	53532
16	57107	29980
17	32140	16502
18	17543	8767
19	9637	4614
20	5197	2407
21	2744	1243
22	1436	641
23	703	299
24	308	136
25	145	59
26	66	23
27	38	11
28	9	2
29	2	0

Results

Singles:	61818.570 +- 20.045
Doubles:	52308.198 +- 67.157
Triples:	24754.115 +- 174.570
Quads:	5309.794 +- 410.197
Quads/Triples:	0.214 +- 0.016
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3690837	17596323	14530436	0	0	Pass
2	3695609	17663538	14568049	0	0	Pass
3	3697533	17684358	14583207	0	0	Pass
4	3687228	17564158	14502006	0	0	Pass
5	3698629	17678000	14591849	0	0	Pass
6	3694388	17644797	14558404	0	0	Pass
7	3694851	17652477	14562088	0	0	Pass
8	3688574	17596717	14512609	0	0	Pass
9	3691616	17619427	14536550	0	0	Pass
10	3691008	17604260	14531761	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	61781.735	52022.182	23850.505	Pass
2	61861.987	52525.706	25443.717	Pass
3	61894.343	52622.278	24931.043	Pass
4	61721.043	51957.890	24614.200	Pass
5	61912.775	52368.023	24750.686	Pass
6	61841.453	52371.045	25378.602	Pass
7	61849.239	52438.971	24923.874	Pass
8	61743.678	52330.786	25046.577	Pass
9	61794.836	52310.675	23810.993	Pass
10	61784.611	52134.421	24786.941	Pass

Passive multiplicity distributions for each cycle

Cycle 1	R+A	A
0	168019	365422
1	324590	451741
2	442544	520666
3	497877	524593
4	492257	470088
5	444207	389143
6	371643	303987
7	292010	223817
8	217351	157540
9	154999	106511
10	105832	69399
11	69613	44019
12	44467	26990
13	27278	16010
14	16141	9325
15	9665	5245
16	5484	2909
17	3159	1601
18	1726	866
19	996	483
20	454	235
21	259	121
22	160	63
23	64	31
24	21	12
25	12	4
26	6	2
27	1	1
28	1	0
29	1	0

Cycle 2	R+A	A
0	167478	363933
1	324632	454195
2	440853	520240
3	497419	524142
4	493470	471175
5	445326	389532
6	371387	304291
7	292873	224913
8	217737	157746

9	155365	106854
10	106442	69783
11	70045	44094
12	44739	27004
13	28019	16197
14	16825	9448
15	9864	5447
16	5815	3014
17	3264	1701
18	1776	872
19	1028	469
20	627	268
21	309	142
22	155	71
23	100	37
24	30	15
25	18	7
26	9	3
27	4	1

Cycle 3	R+A	A
0	167441	365498
1	324014	452880
2	440666	520436
3	497040	524166
4	494234	470389
5	444633	389925
6	371972	304308
7	293564	224360
8	218782	158699
9	155782	107714
10	106376	70037
11	69906	44108
12	45302	27311
13	27959	16300
14	16908	9497
15	10076	5393
16	5852	3009
17	3240	1679
18	1738	877
19	955	452
20	516	237
21	305	125
22	154	71
23	71	28
24	26	11
25	13	5
26	5	2
27	2	1
28	1	0

Cycle 4	R+A	A
0	167779	364902
1	325148	452413
2	442146	521057
3	497420	522527

4	493334	470788
5	445669	389853
6	371267	303337
7	291049	223442
8	215645	156820
9	153579	106295
10	104213	68627
11	69125	43365
12	44593	26894
13	27410	16030
14	16346	9172
15	9717	5243
16	5678	2933
17	3260	1667
18	1759	894
19	976	469
20	551	239
21	274	125
22	144	63
23	72	31
24	35	16
25	21	6
26	13	4
27	4	2
28	1	1

Cycle 5	R+A	A
0	167389	363668
1	324393	452731
2	441318	521799
3	498029	523903
4	494299	471937
5	444720	390549
6	371218	304061
7	294379	224788
8	218500	158721
9	155304	107090
10	106951	70379
11	69958	44353
12	44896	27106
13	27743	16148
14	16901	9527
15	9865	5417
16	5759	3002
17	3175	1618
18	1728	871
19	989	458
20	551	242
21	295	129
22	151	66
23	65	29
24	33	15
25	15	7
26	5	3

Cycle 6	R+A	A

0	167947	364664
1	324497	452301
2	441585	520723
3	498985	525411
4	493508	471180
5	443942	390347
6	371900	303302
7	291180	223589
8	216407	157644
9	154616	106391
10	105848	69345
11	70501	44301
12	45262	27220
13	28415	16384
14	16862	9536
15	10100	5447
16	5909	3114
17	3249	1677
18	1716	855
19	912	453
20	530	249
21	264	125
22	155	64
23	54	30
24	28	14
25	7	5
26	4	1
27	5	1

Cycle 7	R+A	A
0	167116	365002
1	324432	452847
2	441416	520332
3	497719	524343
4	493123	470723
5	445743	390220
6	372224	303950
7	292311	223818
8	217575	158124
9	155131	107180
10	105429	69633
11	70171	43924
12	44380	27001
13	28195	16306
14	17144	9527
15	9966	5396
16	5680	3020
17	3193	1619
18	1837	895
19	970	481
20	523	240
21	264	126
22	140	64
23	82	34
24	45	19
25	27	8

26	10	4
27	5	1

Cycle 8	R+A	A
0	167929	365363
1	324420	453326
2	440618	520388
3	497517	522213
4	494651	470754
5	445789	390357
6	369842	302952
7	290788	223516
8	215730	156781
9	153475	105814
10	105698	68929
11	69960	43853
12	44866	26795
13	27715	16136
14	16863	9439
15	9977	5386
16	5716	3064
17	3260	1663
18	1872	907
19	889	454
20	522	243
21	253	122
22	121	62
23	61	25
24	24	10
25	12	5
26	5	2
27	1	1

Cycle 9	R+A	A
0	167814	367421
1	324300	451952
2	440797	519538
3	497122	522339
4	493651	470100
5	444965	390363
6	371773	303625
7	291219	223986
8	217712	157192
9	154757	106731
10	106772	69977
11	69807	44328
12	44544	26972
13	27777	16210
14	16685	9333
15	9871	5285
16	5522	2941
17	3150	1632
18	1607	841
19	885	425
20	442	216
21	237	107

22	121	56
23	48	22
24	21	7
25	7	5
26	2	0
27	5	1
28	2	0
29	1	0

Cycle 10	R+A	A
0	168408	363278
1	325375	454323
2	441528	522015
3	497319	523143
4	492196	469995
5	444173	389582
6	371644	303321
7	292521	223863
8	217646	157771
9	154329	106331
10	105264	69230
11	69265	43927
12	44897	27029
13	27557	16109
14	16377	9345
15	9740	5273
16	5692	2974
17	3190	1645
18	1784	889
19	1037	470
20	481	238
21	284	121
22	135	61
23	86	32
24	45	17
25	13	7
26	7	2
27	11	2
28	4	1

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	17.09.08 13:25:45
Results file name:	798N2545.RTS
Inspection number:	
Item id:	I7-106
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	Off
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Spritter2 Out2
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:	8.645 +- 0.132
Passive doubles bkgrnd:	0.038 +- 0.012
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:	36924380
Shift register reals + accidentals sum:	176198928
Shift register accidentals sum:	145430394
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	1674489	3645814
1	3247678	4529650
2	4417297	5208520
3	4976916	5236982
4	4932843	4707528
5	4446476	3899496
6	3718828	3034050
7	2921606	2239650
8	2175169	1578352
9	1546806	1067190
10	1057974	695716
11	698015	439771
12	444466	269039
13	275930	161041
14	166857	94083
15	97714	53383
16	56047	29711
17	31298	16158
18	17669	8667
19	9614	4646
20	5081	2389
21	2655	1201
22	1381	604
23	746	299
24	407	161
25	218	81
26	103	44
27	51	20
28	28	4
29	9	1
30	2	0
31	2	0
32	2	0
33	2	0
34	1	0

Results

Singles:	61808.793 +- 17.847
Doubles:	52209.724 +- 52.764
Triples:	24420.743 +- 134.715
Quads:	5017.146 +- 433.551
Quads/Triples:	0.205 +- 0.017
Scaler 1:	0.000 +- 0.000
Scaler 2:	0.000 +- 0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3694008	17640223	14555375	0	0	Pass
2	3688731	17570310	14513862	0	0	Pass
3	3696512	17651014	14575136	0	0	Pass
4	3689902	17597684	14523040	0	0	Pass
5	3694289	17627168	14557617	0	0	Pass
6	3687997	17577527	14508086	0	0	Pass
7	3695112	17649106	14564100	0	0	Pass
8	3690676	17616874	14529147	0	0	Pass

9	3697191	17666372	14580487	0	0	Pass
10	3689962	17602650	14523544	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	61835.196	52345.781	24130.995	Pass
2	61746.452	51862.534	24040.224	Pass
3	61877.306	52194.210	25168.695	Pass
4	61766.145	52171.587	24095.661	Pass
5	61839.921	52086.283	24496.588	Pass
6	61734.108	52082.816	23801.614	Pass
7	61853.762	52348.745	24646.561	Pass
8	61779.161	52393.782	24611.451	Pass
9	61888.725	52364.192	24296.178	Pass
10	61767.154	52247.315	24918.246	Pass

Passive multiplicity distributions for each cycle

Cycle 1	R+A	A
0	167363	365399
1	324583	453148
2	440526	518896
3	498803	524899
4	492751	471211
5	444436	389396
6	372665	303639
7	291742	224281
8	217921	157763
9	155278	106678
10	106335	69908
11	70246	44178
12	44930	27255
13	27879	16245
14	16750	9417
15	9756	5411
16	5400	2916
17	2967	1574
18	1694	841
19	863	440
20	514	239
21	275	133
22	143	62
23	91	30
24	43	16
25	23	9
26	16	5
27	9	3
28	4	1
29	2	0

Cycle 2	R+A	A
0	167604	364220
1	324288	452521
2	442208	520396
3	498897	523565

4	493887	471422
5	445100	390396
6	371293	303161
7	291953	223350
8	216699	157542
9	153291	106172
10	104272	68972
11	69013	43318
12	44050	26662
13	27204	15958
14	16699	9359
15	9660	5308
16	5703	2969
17	3161	1611
18	1760	857
19	966	480
20	505	255
21	279	120
22	133	57
23	54	25
24	28	13
25	16	6
26	8	3

Cycle 3	R+A	A
0	167238	362865
1	325221	453871
2	442840	521202
3	496809	524567
4	493615	470786
5	445965	390832
6	372279	304204
7	292209	224441
8	217565	158326
9	155361	107286
10	105879	69735
11	69664	43967
12	44496	26832
13	27794	16237
14	16661	9468
15	9774	5327
16	5554	2962
17	3227	1608
18	1954	908
19	1117	508
20	608	272
21	333	146
22	168	76
23	103	37
24	43	22
25	23	11
26	5	4
27	6	1
28	1	0

Cycle 4	R+A	A

0	167443	364427
1	324624	453143
2	441897	521312
3	498481	524140
4	492866	469971
5	444133	389557
6	371111	302615
7	291303	223323
8	216884	157318
9	154361	106345
10	105962	69581
11	70278	44085
12	44784	26973
13	27295	16084
14	16616	9381
15	9754	5384
16	5552	2937
17	3055	1602
18	1656	846
19	894	435
20	462	223
21	205	100
22	137	53
23	57	26
24	41	14
25	27	7
26	13	5
27	6	3
28	4	1
29	1	1

Cycle 5	R+A	A
0	167225	363475
1	324684	451707
2	442299	521615
3	497868	524778
4	494736	471967
5	444790	391280
6	371645	303082
7	292106	224022
8	217638	157838
9	154529	106755
10	105555	69561
11	70188	43991
12	44527	26916
13	27618	16129
14	16516	9394
15	9867	5307
16	5604	3018
17	3129	1650
18	1788	859
19	964	463
20	529	249
21	228	111
22	112	53
23	67	25

24	33	15
25	18	7
26	12	6
27	2	1
28	4	0
29	0	0
30	1	0
31	2	0
32	2	0
33	2	0
34	1	0

Cycle 6	R+A	A
0	167759	366232
1	324287	452501
2	440415	519504
3	498124	522463
4	493714	470530
5	444692	389261
6	371842	303061
7	291734	224327
8	217638	157563
9	153913	106357
10	105141	69158
11	69055	43700
12	44053	26808
13	27229	15768
14	16438	9217
15	9611	5284
16	5566	2890
17	3090	1586
18	1764	877
19	915	448
20	472	224
21	242	112
22	134	55
23	75	28
24	42	15
25	25	8
26	7	4
27	10	2
28	8	1
29	1	0
30	1	0

Cycle 7	R+A	A
0	166678	363830
1	325674	452905
2	441909	521999
3	497194	524486
4	493284	470648
5	444349	390071
6	371555	303548
7	292996	223548
8	218050	158207
9	155098	107148

10	106709	69892
11	70302	44316
12	44568	27090
13	27604	16198
14	16486	9440
15	9929	5295
16	5588	3005
17	3271	1629
18	1832	891
19	1019	484
20	477	232
21	263	113
22	140	62
23	77	33
24	35	18
25	17	7
26	3	2
27	3	1
28	0	0
29	2	0

Cycle 8	R+A	A
0	168048	365780
1	324828	453744
2	440908	521086
3	497473	522086
4	491523	469247
5	443801	388953
6	372449	303841
7	292577	223569
8	217354	157920
9	154817	106872
10	105570	69459
11	70099	44012
12	44206	26816
13	27779	16092
14	16862	9355
15	9771	5356
16	5730	3043
17	3083	1640
18	1710	834
19	987	463
20	539	244
21	279	122
22	130	62
23	78	34
24	40	17
25	22	8
26	7	5
27	3	2
28	2	0
29	1	0

Cycle 9	R+A	A
0	167014	364806
1	324727	452387

2	442356	521568
3	496588	523152
4	493544	471733
5	444609	390115
6	373651	304159
7	292325	224654
8	217782	158295
9	155693	107125
10	106809	70127
11	70165	44371
12	44920	27021
13	27811	16294
14	17011	9611
15	9726	5362
16	5687	2982
17	3162	1639
18	1762	877
19	853	461
20	462	214
21	241	111
22	130	55
23	79	31
24	39	14
25	19	7
26	21	6
27	2	3
28	3	0

Cycle 10	R+A	A
0	168117	364780
1	324762	453723
2	441939	520942
3	496679	522846
4	492923	470013
5	444601	389635
6	370338	302740
7	292661	224135
8	217638	157580
9	154465	106452
10	105742	69323
11	69005	43833
12	43932	26666
13	27717	16036
14	16818	9441
15	9866	5349
16	5663	2989
17	3153	1619
18	1749	877
19	1036	464
20	513	237
21	310	133
22	154	69
23	65	30
24	63	17
25	28	11
26	11	4

27	10	4
28	2	1
29	2	0

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	17.09.08 15:30:16
Results file name:	798P3016.RTS
Inspection number:	
Item id:	I7-106
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	Off
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Spritter2 Out3 #2

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:	8.433 +-	0.189
Passive doubles bkgrnd:	0.078 +-	0.034
Passive triples bkgrnd:	0.022 +-	0.016
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:	36916297
Shift register reals + accidentals sum:	176189197
Shift register accidentals sum:	145366880
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	1676632	3647791

1	3249954	4529111
2	4415759	5210416
3	4979402	5237665
4	4930649	4704791
5	4445397	3901415
6	3708509	3030369
7	2915883	2236451
8	2170880	1574272
9	1547350	1064741
10	1057874	694917
11	699406	439893
12	447625	270538
13	277297	161398
14	167760	94038
15	98658	53746
16	56980	29944
17	32007	16219
18	17586	8852
19	9901	4690
20	5205	2444
21	2728	1244
22	1415	644
23	746	306
24	354	153
25	181	70
26	89	31
27	42	10
28	17	3
29	2	0
30	3	0
31	0	0
32	2	0
33	0	0
34	3	0
35	1	0

Results

Singles:	61795.411 +-	16.624
Doubles:	52300.740 +-	75.258
Triples:	25006.751 +-	133.284
Quads:	5754.255 +-	231.213
Quads/Triples:	0.230 +-	0.008
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3686801	17553615	14498660	0	0	Pass
2	3689669	17598986	14521235	0	0	Pass
3	3693866	17648591	14554291	0	0	Pass
4	3690011	17600119	14523896	0	0	Pass
5	3694755	17659180	14561289	0	0	Pass
6	3692092	17607339	14540356	0	0	Pass
7	3693916	17638959	14554713	0	0	Pass

8	3694816	17642024	14561790	0	0	Pass
9	3693622	17649828	14552366	0	0	Pass
10	3686749	17590556	14498284	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	61714.207	51836.672	24090.705	Pass
2	61762.438	52224.208	25194.657	Pass
3	61833.019	52506.093	25096.721	Pass
4	61768.189	52198.368	25195.711	Pass
5	61847.970	52567.256	25403.980	Pass
6	61803.186	52042.109	24506.524	Pass
7	61833.860	52335.503	25060.252	Pass
8	61848.996	52267.654	24885.156	Pass
9	61828.916	52559.685	25136.902	Pass
10	61713.333	52469.857	25494.569	Pass

Passive multiplicity distributions for each cycle

Cycle 1	R+A	A
0	167058	363634
1	325231	452511
2	442600	520404
3	499445	525128
4	493463	470819
5	444163	389954
6	369852	302542
7	290414	222784
8	216632	157039
9	153663	105776
10	105321	69069
11	69304	43850
12	44434	26783
13	27199	15892
14	16240	9185
15	9751	5270
16	5457	2871
17	3084	1561
18	1675	854
19	877	436
20	477	215
21	241	114
22	130	59
23	44	25
24	21	8
25	15	4
26	5	1
27	2	0
28	1	0
29	2	0

Cycle 2	R+A	A
0	167832	364885
1	325713	452549
2	442613	521698

3	497277	523523
4	492955	470619
5	444105	389860
6	369313	302585
7	291020	223165
8	216743	156861
9	154542	106102
10	105729	69317
11	69986	44054
12	44465	26995
13	27873	16170
14	16953	9446
15	9895	5330
16	5712	3005
17	3179	1618
18	1724	914
19	987	477
20	544	247
21	269	124
22	147	61
23	50	30
24	22	13
25	13	5
26	4	2
27	3	1
28	1	0

Cycle 3	R+A	A
0	167424	365606
1	325075	452951
2	440510	520759
3	497042	523172
4	492709	469931
5	446207	390330
6	371866	303893
7	292757	224758
8	216625	157557
9	155211	106400
10	105895	69554
11	70017	44173
12	44820	27144
13	27596	16093
14	17084	9510
15	9911	5390
16	5786	3027
17	3359	1682
18	1812	904
19	1029	491
20	563	263
21	274	129
22	156	78
23	89	35
24	32	15
25	11	4
26	5	2
27	1	0

Cycle 4	R+A	A
0	167546	363769
1	325111	453188
2	441896	521350
3	498208	523882
4	494202	471212
5	444029	390323
6	369712	302403
7	290925	222852
8	217065	157213
9	154453	106326
10	105304	69384
11	69933	43981
12	44936	26985
13	27572	16106
14	16592	9245
15	9795	5349
16	5684	2992
17	3148	1573
18	1769	886
19	1010	473
20	532	252
21	264	125
22	154	62
23	99	35
24	41	19
25	23	10
26	6	2
27	1	1
28	1	1

Cycle 5	R+A	A
0	168097	366127
1	324162	452136
2	441465	521069
3	497797	524550
4	493136	469990
5	444379	390253
6	371274	302597
7	291641	224010
8	217379	157694
9	155350	107032
10	106485	69828
11	70287	44178
12	45039	27265
13	28053	16329
14	17017	9571
15	10159	5474
16	5848	3100
17	3245	1653
18	1805	900
19	1026	481
20	525	250
21	301	127
22	114	65

23	77	26
24	42	17
25	29	10
26	13	6
27	10	3

Cycle 6	R+A	A
0	167948	363863
1	324891	452947
2	442092	521099
3	497211	523122
4	493650	470890
5	444903	390878
6	371936	303939
7	292372	224083
8	216747	157855
9	154080	106398
10	105313	69063
11	69828	43846
12	44586	26971
13	27806	16044
14	16768	9454
15	9738	5394
16	5493	2912
17	3037	1561
18	1737	855
19	931	442
20	497	234
21	258	122
22	142	59
23	68	26
24	25	15
25	14	6
26	12	2
27	4	0
28	4	0
29	0	0
30	1	0

Cycle 7	R+A	A
0	167672	364389
1	324439	452365
2	441242	520972
3	498137	524258
4	493594	471278
5	444732	390725
6	371550	303082
7	292065	224014
8	217393	158103
9	155197	106779
10	106111	69741
11	69870	43806
12	44724	27021
13	27800	16114
14	16616	9375
15	9890	5358

16	5869	3032
17	3154	1645
18	1836	892
19	980	469
20	479	228
21	292	125
22	134	67
23	69	35
24	42	16
25	24	10
26	5	3

Cycle 8	R+A	A
0	166980	364509
1	324503	452207
2	441758	521087
3	499346	524131
4	493481	471278
5	445406	390429
6	371757	304377
7	291997	224163
8	217439	157990
9	153619	106409
10	105973	69620
11	69998	43850
12	44934	27019
13	27810	16234
14	17008	9499
15	9972	5442
16	5839	3091
17	3245	1642
18	1726	879
19	1019	470
20	445	241
21	272	118
22	147	63
23	70	26
24	34	17
25	18	8
26	12	3
27	5	1
28	3	0

Cycle 9	R+A	A
0	167730	365617
1	325001	453420
2	441004	520666
3	497563	523837
4	491629	470036
5	444773	389496
6	371218	302870
7	292178	223998
8	217857	157606
9	156026	107212
10	105971	69786
11	70024	44133

12	45005	27284
13	28107	16286
14	16951	9466
15	9812	5460
16	5605	2935
17	3222	1608
18	1717	869
19	1039	490
20	596	266
21	271	135
22	138	62
23	95	39
24	45	17
25	15	6
26	16	6
27	10	2
28	4	1

Cycle 10	R+A	A
0	168345	365392
1	325828	454837
2	440579	521312
3	497376	522062
4	491830	468738
5	442700	389167
6	370031	302081
7	290514	222624
8	217000	156354
9	155209	106307
10	105772	69555
11	70159	44022
12	44682	27071
13	27481	16130
14	16531	9287
15	9735	5279
16	5687	2979
17	3334	1676
18	1785	899
19	1003	461
20	547	248
21	286	125
22	153	68
23	85	29
24	50	16
25	19	7
26	11	4
27	6	2
28	3	1
29	0	0
30	2	0
31	0	0
32	2	0
33	0	0
34	3	0
35	1	0

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Measurement date:	17.09.08 14:17:25
Results file name:	79801725.RTS
Inspection number:	
Item id:	I7-106
Measurement option:	Rates Only
Detector configuration:	Passive
Data source:	Shift register
QC tests:	Off
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	Spritter2 Out4
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:	8.623 +- 0.071
Passive doubles bkgrnd:	0.055 +- 0.013
Passive triples bkgrnd:	0.012 +- 0.008
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:	36913122
Shift register reals + accidentals sum:	176120700
Shift register accidentals sum:	145341899
Shift register 1st scaler sum:	0
Shift register 2nd scaler sum:	0

Passive summed multiplicity distributions

	R+A sums	A sums
0	1676228	3652171

1	3248902	4526084
2	4416229	5206211
3	4979550	5237288
4	4932268	4706662
5	4444387	3898456
6	3712881	3031759
7	2916142	2236513
8	2169676	1575341
9	1545938	1064935
10	1059763	695340
11	697690	439627
12	445397	269842
13	276778	161123
14	167126	93807
15	98566	53612
16	56868	29917
17	31743	16311
18	17374	8722
19	9551	4628
20	4899	2351
21	2536	1178
22	1305	580
23	706	280
24	340	136
25	159	69
26	91	30
27	19	7
28	7	1
29	3	0

Results

Singles:	61789.882 +-	18.963
Doubles:	52226.840 +-	43.769
Triples:	24566.192 +-	157.227
Quads:	4847.552 +-	392.298
Quads/Triples:	0.197 +-	0.015
Scaler 1:	0.000 +-	0.000
Scaler 2:	0.000 +-	0.000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	3696545	17654073	14575386	0	0	Pass
2	3692613	17622071	14544433	0	0	Pass
3	3688977	17588737	14515780	0	0	Pass
4	3693512	17630620	14551525	0	0	Pass
5	3685371	17576147	14487428	0	0	Pass
6	3694499	17617343	14559301	0	0	Pass
7	3693639	17633871	14552528	0	0	Pass
8	3690416	17609523	14527112	0	0	Pass
9	3686481	17572705	14496158	0	0	Pass
10	3691069	17615610	14532248	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	QC Tests
1	61877.883	52241.868	23657.153	Pass
2	61811.757	52223.065	24794.947	Pass
3	61750.611	52142.709	25044.172	Pass
4	61826.876	52248.017	24770.253	Pass
5	61689.969	52409.240	25087.627	Pass
6	61843.475	51891.026	23888.960	Pass
7	61829.012	52286.195	24579.325	Pass
8	61774.810	52303.494	24729.103	Pass
9	61708.636	52202.989	24157.819	Pass
10	61785.792	52319.798	24956.094	Pass

Passive multiplicity distributions for each cycle

Cycle 1	R+A	A
0	167225	365877
1	324459	451351
2	441846	521158
3	497352	524147
4	493230	470697
5	445630	389544
6	372223	303990
7	293133	224705
8	218533	158810
9	155084	107290
10	107027	70335
11	70287	44392
12	44169	27175
13	27483	16047
14	16813	9340
15	9678	5297
16	5623	2971
17	3099	1616
18	1663	844
19	1006	475
20	515	251
21	238	116
22	115	58
23	63	25
24	32	15
25	17	4
26	2	2

Cycle 2	R+A	A
0	167796	364789
1	324227	452833
2	441161	520128
3	499032	524421
4	493740	470927
5	444986	390516
6	372299	303563
7	291167	223416
8	216818	157519
9	153931	106610
10	105516	69466
11	69704	43791

12	44651	26909
13	27823	16193
14	16951	9517
15	10037	5492
16	5791	3052
17	3217	1633
18	1778	892
19	937	466
20	473	231
21	269	114
22	140	57
23	80	33
24	55	18
25	21	8
26	11	4
27	2	0

Cycle 3	R+A	A
0	167822	363929
1	325928	453498
2	442074	521317
3	497512	523372
4	493741	471193
5	443102	390334
6	369917	301888
7	291399	222853
8	216219	157055
9	154085	106243
10	106475	69233
11	68934	43796
12	44862	26884
13	27590	16096
14	16739	9438
15	10029	5410
16	5757	3004
17	3124	1629
18	1799	874
19	895	463
20	481	234
21	250	116
22	130	55
23	70	28
24	19	12
25	15	5
26	3	1
27	5	1
28	0	0
29	1	0

Cycle 4	R+A	A
0	167245	363998
1	325534	452797
2	441532	520764
3	497344	525197
4	493672	470521
5	444386	389948

6	371814	303956
7	292096	224017
8	217795	157944
9	155075	106611
10	105761	69408
11	69653	43942
12	44598	26986
13	27542	16033
14	16785	9440
15	9896	5413
16	5723	3025
17	3281	1632
18	1756	889
19	1038	498
20	490	253
21	248	124
22	131	55
23	67	25
24	34	14
25	6	6
26	7	2
27	2	0
28	1	0

Cycle 5	R+A	A
0	168203	366970
1	323710	453016
2	441695	520290
3	498407	522611
4	492625	469043
5	443590	388984
6	369861	302370
7	289837	222338
8	216377	156645
9	154431	105997
10	105691	69245
11	69522	43856
12	44153	26661
13	27750	16130
14	16635	9336
15	10038	5336
16	5792	3026
17	3203	1664
18	1778	890
19	963	450
20	548	246
21	282	126
22	133	66
23	76	30
24	35	16
25	11	7
26	18	5
27	2	2
28	4	1
29	1	0

Cycle 6	R+A	A
0	166800	362871
1	325399	451402
2	442053	521614
3	499431	525349
4	493855	471944
5	445498	391703
6	371537	303620
7	291617	224029
8	216432	157428
9	155381	106581
10	106093	69769
11	70043	44206
12	44678	27098
13	27692	16088
14	16653	9321
15	9373	5232
16	5506	2930
17	3035	1626
18	1642	818
19	866	434
20	445	211
21	222	111
22	135	50
23	53	25
24	32	12
25	17	9
26	8	2
27	1	0
28	1	0
29	1	0

Cycle 7	R+A	A
0	167606	364993
1	325035	453726
2	440310	519888
3	499057	523046
4	492766	471316
5	444982	389423
6	371637	304132
7	292001	223930
8	217541	157998
9	155152	107034
10	106172	69870
11	69780	43957
12	44570	26959
13	27862	16172
14	16827	9447
15	9860	5366
16	5588	2960
17	3121	1610
18	1731	870
19	968	458
20	474	225
21	272	124
22	162	62

23	81	29
24	40	14
25	22	9
26	17	6
27	4	2
28	1	0

Cycle 8	R+A	A
0	167834	366346
1	324864	451647
2	442147	521413
3	496673	522679
4	492501	470106
5	444761	389992
6	370972	302895
7	292446	224011
8	216901	157635
9	154237	106203
10	105610	69071
11	69882	43887
12	44504	27054
13	27717	16240
14	16748	9456
15	10005	5336
16	5600	2970
17	3285	1650
18	1759	886
19	959	462
20	529	239
21	233	118
22	115	56
23	70	25
24	31	14
25	20	8
26	12	3
27	1	1

Cycle 9	R+A	A
0	168102	366371
1	325481	453551
2	441679	520194
3	496400	522553
4	492688	469554
5	443029	388230
6	370903	302225
7	291463	223243
8	216391	157170
9	154160	106000
10	106078	69515
11	69925	44044
12	44252	27037
13	27741	16009
14	16281	9202
15	9628	5302
16	5618	2949
17	3052	1584

18	1695	842
19	951	455
20	478	224
21	248	109
22	108	58
23	73	28
24	32	11
25	18	6
26	5	2
27	2	0

Cycle 10	R+A	A
0	167595	366027
1	324265	452263
2	441732	519445
3	498342	523913
4	493450	471361
5	444423	389782
6	371718	303120
7	290983	223971
8	216669	157137
9	154402	106366
10	105340	69428
11	69960	43756
12	44960	27079
13	27578	16115
14	16694	9310
15	10022	5428
16	5870	3030
17	3326	1667
18	1773	917
19	968	467
20	466	237
21	274	120
22	136	63
23	73	32
24	30	10
25	12	7
26	8	3
27	0	1

【AVIS 性能確認試験】

(2)　3.1　中性子計数装置の確認試験

（MOX サンプル測定）

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 10:36:01
Results file name:	810K3601.VER
Inspection number:	
Item id:	K00553-1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	1.000
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	AMSR spritter out-1

Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680	+- 0.0000	1.1296	+-	0.0000
Pu239:	63.2610	+- 0.0000	63.9331	+-	0.0000
Pu240:	26.6430	+- 0.0000	26.9145	+-	0.0000
Pu241:	4.1840	+- 0.0000	3.2277	+-	0.0000
Pu242:	4.7440	+- 0.0000	4.7951	+-	0.0000
Pu date:	12.06.21		18.01.24		
Am241:	3.1000	+- 0.0000	4.2133	+-	0.0000
Am date:	11.12.08		18.01.24		

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:	8.930	+- 0.109
Passive doubles bkgrnd:	0.060	+- 0.023
Passive triples bkgrnd:	0.017	+- 0.017

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	5
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	607.278	+-	2.240
Doubles:	126.446	+-	1.461
Triples:	33.320	+-	0.741
Quads:	5.303	+-	0.401
Quads/Triples:	0.159	+-	0.010
Scaler 1:	172.348	+-	0.557
Scaler 2:	90.997	+-	0.572

Passive multiplicity results

Multiplication:	1.007	+-	0.001
Alpha:	1.359	+-	0.021
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.371	+-	0.003
Pu240e (%):	37.817		
Pu mass (g):	0.982	+-	0.009
Declared Pu240e mass (g):	0.374		
Declared Pu mass (g):	0.989		
Declared - assay Pu mass (g):	0.008	+-	0.009
Declared - assay Pu mass (%):	0.768	+-	0.897

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37214	9343	1477	10413	5768	Pass
2	36471	8829	1419	10312	5711	Pass
3	37056	9050	1465	10480	5593	Pass
4	36935	8855	1455	10347	5773	Pass
5	37178	9158	1474	10473	5655	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	611.331	131.064	35.105	0.381	Pass
2	598.947	123.462	30.879	0.374	Pass
3	608.698	126.379	34.211	0.365	Pass
4	606.681	123.295	32.495	0.362	Pass
5	610.731	128.030	33.907	0.375	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 10:42:23				
Results file name:	810K4223.VER				
Inspection number:					
Item id:	KO0553-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.000				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	608.318	+-	0.680
Doubles:	126.326	+-	0.883
Triples:	33.423	+-	0.369
Quads:	5.601	+-	0.233
Quads/Triples:	0.167	+-	0.007
Scaler 1:	172.732	+-	0.436
Scaler 2:	91.605	+-	0.287

Passive multiplicity results

Multiplication:	1.007	+-	0.001
Alpha:	1.371	+-	0.015
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.370	+-	0.002
Pu240e (%):	37.817		
Pu mass (g):	0.978	+-	0.006
Declared Pu240e mass (g):	0.374		
Declared Pu mass (g):	0.989		
Declared - assay Pu mass (g):	0.011	+-	0.006
Declared - assay Pu mass (%):	1.126	+-	0.646

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37107	9199	1469	10538	5696	Pass
2	37202	8899	1476	10530	5841	Pass
3	36985	9005	1459	10467	5665	Pass
4	37021	9251	1462	10386	5718	Pass
5	37060	8877	1465	10417	5703	Pass

6	36844	8787	1448	10243	5801	Pass
7	37083	9101	1467	10430	5706	Pass
8	36798	8968	1444	10418	5756	Pass
9	37087	9047	1467	10399	5772	Pass
10	37145	9313	1472	10452	5707	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	609.548	128.796	33.982	0.378	Pass
2	611.131	123.679	31.569	0.370	Pass
3	607.514	125.729	33.178	0.369	Pass
4	608.114	129.780	33.752	0.384	Pass
5	608.764	123.495	32.132	0.365	Pass
6	605.164	122.278	33.300	0.351	Pass
7	609.148	127.196	35.190	0.362	Pass
8	604.397	125.362	33.734	0.363	Pass
9	609.214	126.296	32.420	0.377	Pass
10	610.181	130.647	34.969	0.380	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 10:54:18				
Results file name:	810K5418.VER				
Inspection number:					
Item id:	K00553-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.000				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068				
Passive scaler2 bkgrnd:	4.003				
Number passive cycles:	15				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	607.394 +-	1.153
Doubles:	127.305 +-	0.720
Triples:	33.488 +-	0.512
Quads:	5.870 +-	0.809
Quads/Triples:	0.172 +-	0.019
Scaler 1:	171.881 +-	0.465
Scaler 2:	90.912 +-	0.371

Passive multiplicity results

Multiplication:	1.007 +-	0.001
Alpha:	1.341 +-	0.012
Multiplication correction factor:	1.000	
Pu240e mass (g):	0.374 +-	0.002
Pu240e (%):	37.817	
Pu mass (g):	0.990 +-	0.005
Declared Pu240e mass (g):	0.374	
Declared Pu mass (g):	0.989	
Declared - assay Pu mass (g):	-0.000 +-	0.005
Declared - assay Pu mass (%):	-0.033 +-	0.551

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37082	9252	1467	10445	5759	Pass
2	37095	9236	1468	10307	5793	Pass
3	36817	8899	1446	10395	5532	Pass
4	37041	8837	1464	10431	5571	Pass
5	36632	9268	1431	10272	5710	Pass

6	36728	8990	1439	10328	5684	Pass
7	37417	9264	1493	10513	5872	Pass
8	36979	9054	1459	10392	5705	Pass
9	36774	9112	1442	10350	5727	Pass
10	37516	9334	1501	10610	5752	Pass
11	36860	8780	1449	10257	5615	Pass
12	37255	9283	1480	10306	5720	Pass
13	36807	9046	1445	10390	5636	Pass
14	36642	8953	1432	10189	5654	Pass
15	37022	9178	1462	10469	5694	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	609.131	129.713	38.824	0.349	Pass
2	609.348	129.430	33.935	0.381	Pass
3	604.714	124.179	32.133	0.369	Pass
4	608.448	122.845	31.474	0.367	Pass
5	601.630	130.580	35.280	0.378	Pass
6	603.231	125.812	33.892	0.364	Pass
7	614.715	129.480	33.346	0.386	Pass
8	607.414	126.546	32.881	0.375	Pass
9	603.997	127.796	32.449	0.384	Pass
10	616.365	130.514	33.672	0.388	Pass
11	605.431	122.145	30.176	0.373	Pass
12	612.015	130.013	34.497	0.380	Pass
13	604.547	126.646	34.590	0.363	Pass
14	601.797	125.312	31.981	0.375	Pass
15	608.131	128.563	33.184	0.383	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 13:41:42				
Results file name:	810N4142.VER				
Inspection number:					
Item id:	KOO553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd: 1.068
Passive scaler2 bkgrnd: 4.003

Number passive cycles: 5
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5374.967	+-	2.302
Doubles:	1195.711	+-	2.453
Triples:	338.156	+-	2.676
Quads:	66.312	+-	4.525
Quads/Triples:	0.196	+-	0.012
Scaler 1:	1523.882	+-	2.533
Scaler 2:	803.357	+-	1.321

Passive multiplicity results

Multiplication:	1.014	+-	0.001
Alpha:	1.292	+-	0.014
Multiplication correction factor:	1.000		
Pu240e mass (g):	3.360	+-	0.023
Pu240e (%):	37.817		
Pu mass (g):	8.884	+-	0.061
Declared Pu240e mass (g):	3.371		
Declared Pu mass (g):	8.914		
Declared - assay Pu mass (g):	0.030	+-	0.061
Declared - assay Pu mass (%):	0.336	+-	0.684

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	322994	183352	111280	91362	48403	Pass
2	323029	182873	111304	91340	48597	Pass
3	322661	182410	111051	91087	48176	Pass
4	322542	182276	110969	91895	48420	Pass
5	323312	183363	111499	91801	48612	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5376.408	1203.020	334.080	3.422	Pass
2	5376.992	1194.624	332.464	3.393	Pass
3	5370.854	1191.116	343.054	3.305	Pass
4	5368.869	1190.247	335.184	3.353	Pass
5	5381.713	1199.550	345.992	3.326	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:20:58				
Results file name:	81002058.VER				
Inspection number:					
Item id:	K00553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068				
Passive scaler2 bkgrnd:	4.003				
Number passive cycles:	10				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5373.196 +-	3.713
Doubles:	1194.365 +-	2.720
Triples:	342.084 +-	3.504
Quads:	67.959 +-	2.895
Quads/Triples:	0.198 +-	0.007
Scaler 1:	1522.300 +-	2.403
Scaler 2:	799.980 +-	1.286

Passive multiplicity results

Multiplication:	1.015 +-	0.001
Alpha:	1.311 +-	0.010
Multiplication correction factor:	1.000	
Pu240e mass (g):	3.327 +-	0.016
Pu240e (%):	37.817	
Pu mass (g):	8.797 +-	0.043
Declared Pu240e mass (g):	3.371	
Declared Pu mass (g):	8.914	
Declared - assay Pu mass (g):	0.116 +-	0.043
Declared - assay Pu mass (%):	1.306 +-	0.481

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	321568	181148	110299	90478	48283	Pass
2	324033	184215	111998	91575	48241	Pass
3	322833	182023	111169	91669	47937	Pass
4	322178	182023	110718	90982	48290	Pass
5	323121	183762	111368	92071	48265	Pass

6	323357	183157	111530	91528	48346	Pass
7	323015	182852	111294	91598	48653	Pass
8	323082	182670	111341	91456	47999	Pass
9	322723	183013	111094	91667	47877	Pass
10	322104	182152	110668	90997	48499	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5352.623	1182.597	336.569	3.307	Pass
2	5393.739	1205.447	355.520	3.291	Pass
3	5373.723	1182.687	321.359	3.410	Pass
4	5362.798	1190.212	336.203	3.346	Pass
5	5378.527	1208.396	350.890	3.336	Pass
6	5382.463	1195.594	336.540	3.370	Pass
7	5376.759	1194.440	344.008	3.314	Pass
8	5377.876	1190.618	335.809	3.351	Pass
9	5371.888	1200.464	358.419	3.249	Pass
10	5361.564	1193.200	345.503	3.299	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:01:03				
Results file name:	81000103.VER				
Inspection number:					
Item id:	KOO553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	15
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5376.534	+-	2.685
Doubles:	1196.227	+-	2.015
Triples:	340.880	+-	2.238
Quads:	67.431	+-	2.615
Quads/Triples:	0.197	+-	0.007
Scaler 1:	1523.928	+-	0.742
Scaler 2:	801.518	+-	0.826

Passive multiplicity results

Multiplication:	1.015	+-	0.001
Alpha:	1.302	+-	0.008
Multiplication correction factor:	1.000		
Pu240e mass (g):	3.344	+-	0.013
Pu240e (%):	37.817		
Pu mass (g):	8.842	+-	0.035
Declared Pu240e mass (g):	3.371		
Declared Pu mass (g):	8.914		
Declared - assay Pu mass (g):	0.072	+-	0.035
Declared - assay Pu mass (%):	0.804	+-	0.394

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	323030	182653	111305	91321	48005	Pass
2	323470	183795	111608	91738	48227	Pass
3	322444	182584	110901	91536	48278	Pass
4	323558	184178	111669	91517	48494	Pass
5	322588	182313	111001	91465	48533	Pass

6	324011	183724	111982	91781	48575	Pass
7	323836	183218	111861	91476	48531	Pass
8	322973	183489	111266	91837	48349	Pass
9	322390	181714	110864	91407	48282	Pass
10	323989	183957	111967	91483	48408	Pass
11	322177	181849	110718	91483	47906	Pass
12	322417	182872	110883	91249	48218	Pass
13	322824	182866	111163	91411	48282	Pass
14	322842	182970	111175	91520	48431	Pass
15	322474	182079	110922	91273	48450	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5377.009	1190.935	346.961	3.278	Pass
2	5384.348	1204.942	348.252	3.337	Pass
3	5367.235	1196.523	345.379	3.316	Pass
4	5385.816	1210.318	342.855	3.399	Pass
5	5369.636	1190.331	338.970	3.328	Pass
6	5393.372	1197.517	342.563	3.338	Pass
7	5390.453	1191.090	335.528	3.354	Pass
8	5376.058	1205.541	331.392	3.453	Pass
9	5366.334	1182.618	329.796	3.353	Pass
10	5393.005	1201.657	349.106	3.315	Pass
11	5362.781	1187.307	338.855	3.315	Pass
12	5366.784	1201.631	356.751	3.266	Pass
13	5373.573	1196.859	341.305	3.344	Pass
14	5373.873	1198.395	343.507	3.337	Pass
15	5367.735	1187.743	321.962	3.431	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 14:40:54
Results file name:	81004054.VER
Inspection number:	
Item id:	A48-1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	1.090
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	AMSR spritter out-1

Isotopics id:	PU-400025106				
Isotopics source code:	0D				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		

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:	8.930 +-	0.109
Passive doubles bkgrnd:	0.060 +-	0.023
Passive triples bkgrnd:	0.017 +-	0.017

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	5
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	536.085 +-	1.284	
Doubles:	127.023 +-	1.307	
Triples:	34.218 +-	0.519	
Quads:	5.898 +-	0.255	
Quads/Triples:	0.172 +-	0.006	
Scaler 1:	148.882 +-	0.633	
Scaler 2:	83.813 +-	0.747	

Passive multiplicity results

Multiplication:	1.009 +-	0.001	
Alpha:	1.090 +-	0.017	
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.369 +-	0.003	
Pu240e (%):	35.522		
Pu mass (g):	1.039 +-	0.009	
Declared Pu240e mass (g):	0.379		
Declared Pu mass (g):	1.068		
Declared - assay Pu mass (g):	0.029 +-	0.009	
Declared - assay Pu mass (%):	2.722 +-	0.824	

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32756	8754	1144	9021	5201	Pass
2	32467	8496	1124	8965	5158	Pass
3	32660	8704	1138	8912	5420	Pass
4	32941	8985	1157	9132	5289	Pass
5	32674	8882	1139	8955	5277	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	537.025	126.793	34.336	0.367	Pass
2	532.208	122.826	32.556	0.360	Pass
3	535.425	126.060	33.987	0.366	Pass
4	540.109	130.427	35.805	0.375	Pass
5	535.658	129.010	34.403	0.377	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:47:11				
Results file name:	81004711.VER				
Inspection number:					
Item id:	A48-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.090				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	537.892	+-	0.804
Doubles:	129.144	+-	0.576
Triples:	35.143	+-	0.294
Quads:	6.484	+-	0.239
Quads/Triples:	0.184	+-	0.006
Scaler 1:	148.990	+-	0.399
Scaler 2:	82.903	+-	0.448

Passive multiplicity results

Multiplication:	1.010	+-	0.001
Alpha:	1.073	+-	0.012
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.373	+-	0.002
Pu240e (%):	35.522		
Pu mass (g):	1.050	+-	0.006
Declared Pu240e mass (g):	0.379		
Declared Pu mass (g):	1.068		
Declared - assay Pu mass (g):	0.018	+-	0.006
Declared - assay Pu mass (%):	1.673	+-	0.598

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32871	9001	1153	8997	5222	Pass
2	32739	8937	1143	9005	5140	Pass
3	32902	9001	1155	9121	5202	Pass
4	32724	8781	1142	8967	5149	Pass
5	32540	8829	1129	9070	5081	Pass

6	33053	8997	1165	9056	5286	Pass
7	32717	8897	1142	9044	5190	Pass
8	32917	8723	1156	9002	5235	Pass
9	32929	9046	1157	8877	5386	Pass
10	32688	8780	1140	8896	5253	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	538.942	130.761	34.883	0.383	Pass
2	536.742	129.861	36.985	0.365	Pass
3	539.458	130.727	34.698	0.384	Pass
4	536.492	127.277	33.372	0.376	Pass
5	533.425	128.294	35.678	0.366	Pass
6	541.975	130.494	35.623	0.376	Pass
7	536.375	129.210	34.998	0.374	Pass
8	539.709	126.077	34.591	0.362	Pass
9	539.909	131.444	35.104	0.384	Pass
10	535.892	127.293	35.501	0.362	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 14:59:13
Results file name:	81005913.VER
Inspection number:	
Item id:	A48-1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	1.090
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	AMSR spritter out-1

Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		

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:	8.930 +-	0.109
Passive doubles bkgrnd:	0.060 +-	0.023
Passive triples bkgrnd:	0.017 +-	0.017

Passive scaler1 bkgrnd:	1.068	
Passive scaler2 bkgrnd:	4.003	
Number passive cycles:	15	
Count time (sec):	60	

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	538.678 +-	0.834	
Doubles:	129.368 +-	0.704	
Triples:	35.703 +-	0.470	
Quads:	6.567 +-	0.327	
Quads/Triples:	0.183 +-	0.007	
Scaler 1:	149.888 +-	0.376	
Scaler 2:	83.677 +-	0.403	

Passive multiplicity results

Multiplication:	1.012 +-	0.001	
Alpha:	1.087 +-	0.010	
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.371 +-	0.002	
Pu240e (%):	35.522		
Pu mass (g):	1.043 +-	0.005	
Declared Pu240e mass (g):	0.379		
Declared Pu mass (g):	1.068		
Declared - assay Pu mass (g):	0.025 +-	0.005	
Declared - assay Pu mass (%):	2.359 +-	0.482	

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32829	8960	1150	8822	5278	Pass
2	33063	8753	1166	9055	5451	Pass
3	32735	8922	1143	8987	5171	Pass
4	32943	8978	1158	9088	5288	Pass
5	32410	8729	1120	9076	5016	Pass

6	32949	9204	1158	8962	5316	Pass
7	32882	9123	1153	9122	5231	Pass
8	32920	8971	1156	9109	5318	Pass
9	32905	8891	1155	9113	5315	Pass
10	32670	8921	1138	8984	5221	Pass
11	32833	9082	1150	9122	5226	Pass
12	32663	8670	1138	9130	5232	Pass
13	33093	8883	1168	9094	5244	Pass
14	33171	9046	1174	9156	5306	Pass
15	32762	8606	1145	9041	5299	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	538.242	130.127	36.713	0.368	Pass
2	542.142	126.410	33.670	0.370	Pass
3	536.675	129.611	36.832	0.364	Pass
4	540.142	130.294	35.668	0.375	Pass
5	531.258	126.777	35.200	0.362	Pass
6	540.242	134.061	37.371	0.382	Pass
7	539.125	132.794	38.308	0.370	Pass
8	539.759	130.211	35.712	0.374	Pass
9	539.508	128.894	38.403	0.351	Pass
10	535.592	129.677	36.045	0.370	Pass
11	538.308	132.161	36.779	0.377	Pass
12	535.475	125.493	33.140	0.369	Pass
13	542.642	128.544	33.184	0.383	Pass
14	543.942	131.161	35.757	0.379	Pass
15	537.125	124.310	32.761	0.366	Pass

INCC 5.0.6

Facility:	PPFF			
Material balance area:	XXXX			
Detector type:				
Detector id:	AVIS R-123			
Electronics id:				
Inventory change code:				
I/O code:				
Measurement date:	18.01.24 15:26:02			
Results file name:	810P2602.VER			
Inspection number:				
Item id:	A48-2			
Stratum id:	XXXX			
Bias uncertainty:	0.0000			
Random uncertainty:	0.0000			
Systematic uncertainty:	0.0000			
Relative std deviation:	0.0000			
Material type:	Pu			
Original declared mass:	3.220			
Measurement option:	Verification			
Data source:	Shift register			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:	AMSR spritter out-1			
Isotopics id:	PU-400025106			
Isotopics source code:	OD			
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000
Pu date:	07.09.07		18.01.24	
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000
Am date:	07.09.07		18.01.24	
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:	8.930 +-	0.109		
Passive doubles bkgrnd:	0.060 +-	0.023		
Passive triples bkgrnd:	0.017 +-	0.017		

Passive scaler1 bkgrnd: 1.068
Passive scaler2 bkgrnd: 4.003

Number passive cycles: 5
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1604.419	+-	3.902
Doubles:	394.305	+-	4.093
Triples:	113.748	+-	3.870
Quads:	24.906	+-	3.184
Quads/Triples:	0.217	+-	0.022
Scaler 1:	445.252	+-	1.917
Scaler 2:	245.490	+-	1.010

Passive multiplicity results

Multiplication:	1.016	+-	0.001
Alpha:	1.087	+-	0.013
Multiplication correction factor:	1.000		
Pu240e mass (g):	1.099	+-	0.007
Pu240e (%):	35.522		
Pu mass (g):	3.094	+-	0.021
Declared Pu240e mass (g):	1.121		
Declared Pu mass (g):	3.156		
Declared - assay Pu mass (g):	0.062	+-	0.021
Declared - assay Pu mass (%):	1.977	+-	0.650

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	97070	34364	10051	26930	15121	Pass
2	97336	34048	10106	26956	14938	Pass
3	96125	32990	9856	26368	14778	Pass
4	97071	33883	10051	26959	15077	Pass
5	96346	32934	9901	26683	14934	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1609.093	405.347	124.924	1.082	Pass
2	1613.528	399.161	120.796	1.078	Pass
3	1593.340	385.686	110.416	1.079	Pass
4	1609.110	397.327	107.467	1.153	Pass
5	1597.024	384.002	105.125	1.105	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 15:32:27
Results file name:	810P3227.VER
Inspection number:	
Item id:	A48-2
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	3.220
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	AMSR spritter out-1

Isotopics id:	PU-400025106				
Isotopics source code:	0D				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		

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:	8.930 +-	0.109
Passive doubles bkgrnd:	0.060 +-	0.023
Passive triples bkgrnd:	0.017 +-	0.017

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1600.858 +-	2.060
Doubles:	391.421 +-	2.535
Triples:	111.137 +-	1.914
Quads:	22.387 +-	1.281
Quads/Triples:	0.200 +-	0.009
Scaler 1:	445.030 +-	0.964
Scaler 2:	245.373 +-	0.777

Passive multiplicity results

Multiplication:	1.014 +-	0.001
Alpha:	1.080 +-	0.009
Multiplication correction factor:	1.000	
Pu240e mass (g):	1.102 +-	0.005
Pu240e (%):	35.522	
Pu mass (g):	3.102 +-	0.014
Declared Pu240e mass (g):	1.121	
Declared Pu mass (g):	3.156	
Declared - assay Pu mass (g):	0.054 +-	0.014
Declared - assay Pu mass (%):	1.711 +-	0.451

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	97302	34217	10099	26909	15016	Pass
2	96640	33596	9962	26814	14897	Pass
3	96259	32566	9884	26831	14790	Pass
4	96369	32815	9906	26486	14783	Pass
5	96511	33494	9935	26646	14973	Pass

6	96477	32939	9928	26818	15076	Pass
7	96377	33497	9908	26860	14914	Pass
8	97252	34196	10088	27061	15153	Pass
9	96191	33582	9870	26478	15199	Pass
10	96382	33366	9909	26756	14825	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1612.961	402.096	119.756	1.098	Pass
2	1601.925	394.024	108.585	1.131	Pass
3	1595.574	378.150	100.254	1.110	Pass
4	1597.407	381.935	108.153	1.076	Pass
5	1599.775	392.773	111.939	1.103	Pass
6	1599.208	383.636	103.442	1.115	Pass
7	1597.541	393.273	114.652	1.089	Pass
8	1612.127	401.929	117.151	1.113	Pass
9	1594.440	395.324	113.647	1.105	Pass
10	1597.624	391.072	113.773	1.084	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 15:44:48				
Results file name:	810P4448.VER				
Inspection number:					
Item id:	A48-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	3.220				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	AMSR spritter out-1				
Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		
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:	8.930 +-	0.109			
Passive doubles bkgrnd:	0.060 +-	0.023			
Passive triples bkgrnd:	0.017 +-	0.017			

Passive scaler1 bkgrnd:	1.068
Passive scaler2 bkgrnd:	4.003
Number passive cycles:	15
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1598.115	+-	1.489
Doubles:	387.989	+-	0.953
Triples:	108.956	+-	0.718
Quads:	21.398	+-	0.553
Quads/Triples:	0.196	+-	0.004
Scaler 1:	443.102	+-	0.742
Scaler 2:	245.358	+-	0.612

Passive multiplicity results

Multiplication:	1.013	+-	0.001
Alpha:	1.083	+-	0.007
Multiplication correction factor:	1.000		
Pu240e mass (g):	1.100	+-	0.004
Pu240e (%):	35.522		
Pu mass (g):	3.096	+-	0.012
Declared Pu240e mass (g):	1.121		
Declared Pu mass (g):	3.156		
Declared - assay Pu mass (g):	0.060	+-	0.012
Declared - assay Pu mass (%):	1.915	+-	0.366

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	96651	33056	9964	26678	15121	Pass
2	95977	32962	9826	26779	14705	Pass
3	96730	33355	9980	26769	14914	Pass
4	96970	33411	10030	26939	14886	Pass
5	96024	33145	9835	26550	14925	Pass

6	96648	33049	9964	26805	15189	Pass
7	96543	33735	9942	26517	14955	Pass
8	95658	32682	9760	26213	14806	Pass
9	96321	33052	9896	26644	14877	Pass
10	96516	33375	9936	26747	14867	Pass
11	96374	33083	9907	26526	15215	Pass
12	96410	32967	9915	26701	14981	Pass
13	96189	33138	9869	26515	14897	Pass
14	96369	33250	9906	26612	15108	Pass
15	96792	33544	9993	26758	14979	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1602.108	384.987	109.120	1.084	Pass
2	1590.872	385.719	108.253	1.094	Pass
3	1603.425	389.706	108.230	1.112	Pass
4	1607.426	389.806	108.550	1.111	Pass
5	1591.656	388.621	110.658	1.092	Pass
6	1602.058	384.870	106.874	1.098	Pass
7	1600.308	396.675	116.142	1.095	Pass
8	1585.555	382.150	108.135	1.077	Pass
9	1596.607	386.053	103.369	1.127	Pass
10	1599.858	390.773	107.507	1.122	Pass
11	1597.491	386.387	108.244	1.097	Pass
12	1598.091	384.319	108.450	1.085	Pass
13	1594.407	387.937	108.731	1.101	Pass
14	1597.407	389.188	112.575	1.082	Pass
15	1604.459	392.641	109.502	1.118	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 10:30:06				
Results file name:	810K3006.VER				
Inspection number:					
Item id:	K00553-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.000				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000				
Passive scaler2 bkgrnd:	0.000				
Number passive cycles:	5				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	607.166 +-	2.238	
Doubles:	126.931 +-	1.735	
Triples:	33.061 +-	0.736	
Quads:	5.061 +-	0.275	
Quads/Triples:	0.153 +-	0.008	
Scaler 1:	0.000 +-	0.000	
Scaler 2:	0.000 +-	0.000	

Passive multiplicity results

Multiplication:	1.006 +-	0.001	
Alpha:	1.335 +-	0.025	
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.375 +-	0.004	
Pu240e (%):	37.817		
Pu mass (g):	0.993 +-	0.012	
Declared Pu240e mass (g):	0.374		
Declared Pu mass (g):	0.989		
Declared - assay Pu mass (g):	-0.004 +-	0.012	
Declared - assay Pu mass (%):	-0.359 +-	1.170	

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37291	9411	1483	0	0	Pass
2	36490	8873	1420	0	0	Pass
3	37127	9263	1470	0	0	Pass
4	36955	8836	1456	0	0	Pass
5	36983	8999	1458	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	612.530	132.082	35.688	0.382	Pass
2	599.179	124.164	31.357	0.374	Pass
3	609.796	129.832	33.455	0.387	Pass
4	606.929	122.947	32.354	0.361	Pass
5	607.396	125.631	32.450	0.374	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 10:36:32				
Results file name:	810K3632.VER				
Inspection number:					
Item id:	KOO553-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.000				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	608.179	+-	0.607
Doubles:	127.485	+-	0.781
Triples:	34.122	+-	0.491
Quads:	5.807	+-	0.359
Quads/Triples:	0.170	+-	0.009
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.008	+-	0.001
Alpha:	1.364	+-	0.022
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.371	+-	0.004
Pu240e (%):	37.817		
Pu mass (g):	0.980	+-	0.010
Declared Pu240e mass (g):	0.374		
Declared Pu mass (g):	0.989		
Declared - assay Pu mass (g):	0.009	+-	0.010
Declared - assay Pu mass (%):	0.938	+-	1.008

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37178	9223	1474	0	0	Pass
2	37134	9117	1470	0	0	Pass
3	37014	9026	1461	0	0	Pass
4	36952	9297	1456	0	0	Pass
5	37147	8849	1471	0	0	Pass

6	37001	8985	1460	0	0	Pass
7	36875	9019	1450	0	0	Pass
8	37118	9127	1469	0	0	Pass
9	37007	9201	1460	0	0	Pass
10	36874	9299	1450	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	610.646	129.098	34.396	0.377	Pass
2	609.913	127.398	33.864	0.372	Pass
3	607.913	126.031	32.683	0.374	Pass
4	606.879	130.632	34.766	0.381	Pass
5	610.129	122.914	32.856	0.357	Pass
6	607.696	125.364	32.943	0.369	Pass
7	605.596	126.098	36.722	0.346	Pass
8	609.646	127.581	33.466	0.376	Pass
9	607.796	128.965	32.758	0.388	Pass
10	605.579	130.765	36.770	0.368	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 10:48:27				
Results file name:	810K4827.VER				
Inspection number:					
Item id:	K00553-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.000				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000				
Passive scaler2 bkgrnd:	0.000				
Number passive cycles:	15				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	607.640 +-	1.300			
Doubles:	128.053 +-	0.576			
Triples:	34.054 +-	0.344			
Quads:	5.664 +-	0.240			
Quads/Triples:	0.166 +-	0.006			
Scaler 1:	0.000 +-	0.000			
Scaler 2:	0.000 +-	0.000			

Passive multiplicity results

Multiplication:	1.008 +-	0.001			
Alpha:	1.342 +-	0.012			
Multiplication correction factor:	1.000				
Pu240e mass (g):	0.374 +-	0.002			
Pu240e (%):	37.817				
Pu mass (g):	0.989 +-	0.006			
Declared Pu240e mass (g):	0.374				
Declared Pu mass (g):	0.989				
Declared - assay Pu mass (g):	0.001 +-	0.006			
Declared - assay Pu mass (%):	0.063 +-	0.601			

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	37305	9335	1484	0	0	Pass
2	37011	9299	1461	0	0	Pass
3	36874	8979	1450	0	0	Pass
4	36958	8928	1456	0	0	Pass
5	36368	9088	1410	0	0	Pass

6	37340	9280	1487	0	0	Pass
7	37317	9189	1485	0	0	Pass
8	36821	9121	1446	0	0	Pass
9	37387	9281	1490	0	0	Pass
10	36704	8893	1436	0	0	Pass
11	37325	9385	1486	0	0	Pass
12	36859	9088	1449	0	0	Pass
13	36821	9092	1446	0	0	Pass
14	37156	9177	1472	0	0	Pass
15	36719	9056	1438	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	612.763	130.799	34.409	0.385	Pass
2	607.863	130.582	34.840	0.381	Pass
3	605.579	125.431	32.212	0.374	Pass
4	606.979	124.481	33.875	0.358	Pass
5	597.145	127.914	34.484	0.370	Pass
6	613.346	129.832	35.899	0.370	Pass
7	612.963	128.348	33.364	0.380	Pass
8	604.696	127.864	33.596	0.376	Pass
9	614.130	129.798	33.839	0.384	Pass
10	602.745	124.230	31.153	0.376	Pass
11	613.096	131.599	35.494	0.381	Pass
12	605.329	127.264	35.264	0.362	Pass
13	604.696	127.381	32.433	0.382	Pass
14	610.280	128.365	34.788	0.370	Pass
15	602.996	126.914	35.154	0.361	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 13:35:50				
Results file name:	810N3550.VER				
Inspection number:					
Item id:	KOO553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd: 0.000
Passive scaler2 bkgrnd: 0.000

Number passive cycles: 5
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5369.391	+-	2.043
Doubles:	1198.145	+-	2.552
Triples:	338.972	+-	4.933
Quads:	66.564	+-	5.584
Quads/Triples:	0.196	+-	0.013
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.014	+-	0.001
Alpha:	1.285	+-	0.017
Multiplication correction factor:	1.000		
Pu240e mass (g):	3.366	+-	0.029
Pu240e (%):	37.817		
Pu mass (g):	8.901	+-	0.078
Declared Pu240e mass (g):	3.371		
Declared Pu mass (g):	8.914		
Declared - assay Pu mass (g):	0.013	+-	0.078
Declared - assay Pu mass (%):	0.144	+-	0.872

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	322660	183138	111049	0	0	Pass
2	322994	183147	111280	0	0	Pass
3	322550	182988	110975	0	0	Pass
4	322281	182497	110789	0	0	Pass
5	322407	182104	110876	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5370.752	1203.287	335.540	3.414	Pass
2	5376.323	1199.583	329.929	3.434	Pass
3	5368.918	1202.018	356.250	3.271	Pass
4	5364.431	1196.925	343.012	3.333	Pass
5	5366.532	1188.913	330.128	3.381	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:15:08				
Results file name:	81001508.VER				
Inspection number:					
Item id:	K00553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000				
Passive scaler2 bkgrnd:	0.000				
Number passive cycles:	10				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5375.304 +-	2.590			
Doubles:	1200.229 +-	1.932			
Triples:	347.375 +-	2.508			
Quads:	71.244 +-	1.780			
Quads/Triples:	0.205 +-	0.004			
Scaler 1:	0.000 +-	0.000			
Scaler 2:	0.000 +-	0.000			

Passive multiplicity results

Multiplication:	1.016 +-	0.001			
Alpha:	1.315 +-	0.007			
Multiplication correction factor:	1.000				
Pu240e mass (g):	3.320 +-	0.012			
Pu240e (%):	37.817				
Pu mass (g):	8.779 +-	0.032			
Declared Pu240e mass (g):	3.371				
Declared Pu mass (g):	8.914				
Declared - assay Pu mass (g):	0.135 +-	0.032			
Declared - assay Pu mass (%):	1.509 +-	0.355			

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	321949	181858	110561	0	0	Pass
2	323552	183093	111664	0	0	Pass
3	322574	182690	110991	0	0	Pass
4	322842	183445	111175	0	0	Pass
5	323246	183805	111453	0	0	Pass

6	323615	183617	111708	0	0	Pass
7	322923	183430	111230	0	0	Pass
8	322652	182726	111044	0	0	Pass
9	322877	183391	111199	0	0	Pass
10	323099	183379	111352	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5358.893	1190.062	339.376	3.325	Pass
2	5385.631	1192.275	335.502	3.360	Pass
3	5369.318	1196.776	339.895	3.353	Pass
4	5373.788	1206.309	350.302	3.330	Pass
5	5380.527	1207.680	351.342	3.330	Pass
6	5386.682	1200.288	344.479	3.339	Pass
7	5375.139	1205.141	347.586	3.342	Pass
8	5370.619	1196.493	348.838	3.292	Pass
9	5374.372	1205.007	354.019	3.299	Pass
10	5378.075	1202.254	362.412	3.231	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 13:55:11				
Results file name:	810N5511.VER				
Inspection number:					
Item id:	KO0553-2				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	9.010				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-490020403				
Isotopics source code:	OD				
Pu238:	1.1680 +-	0.0000	1.1296 +-	0.0000	
Pu239:	63.2610 +-	0.0000	63.9331 +-	0.0000	
Pu240:	26.6430 +-	0.0000	26.9145 +-	0.0000	
Pu241:	4.1840 +-	0.0000	3.2277 +-	0.0000	
Pu242:	4.7440 +-	0.0000	4.7951 +-	0.0000	
Pu date:	12.06.21		18.01.24		
Am241:	3.1000 +-	0.0000	4.2133 +-	0.0000	
Am date:	11.12.08		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd: 0.000
Passive scaler2 bkgrnd: 0.000

Number passive cycles: 15
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	5376.245	+-	2.396
Doubles:	1201.821	+-	1.713
Triples:	345.335	+-	1.886
Quads:	68.804	+-	2.750
Quads/Triples:	0.199	+-	0.007
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.015	+-	0.001
Alpha:	1.302	+-	0.009
Multiplication correction factor:	1.000		
Pu240e mass (g):	3.341	+-	0.015
Pu240e (%):	37.817		
Pu mass (g):	8.835	+-	0.039
Declared Pu240e mass (g):	3.371		
Declared Pu mass (g):	8.914		
Declared - assay Pu mass (g):	0.078	+-	0.039
Declared - assay Pu mass (%):	0.880	+-	0.437

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	323196	183397	111420	0	0	Pass
2	323151	183624	111388	0	0	Pass
3	322286	182635	110792	0	0	Pass
4	323784	184611	111824	0	0	Pass
5	322656	182003	111047	0	0	Pass

6	324357	183917	112220	0	0	Pass
7	322737	183214	111103	0	0	Pass
8	323197	183600	111420	0	0	Pass
9	322938	183136	111241	0	0	Pass
10	323197	183080	111420	0	0	Pass
11	322098	182723	110663	0	0	Pass
12	322865	183484	111191	0	0	Pass
13	322867	183450	111193	0	0	Pass
14	322911	183272	111222	0	0	Pass
15	322599	183022	111008	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	5379.693	1201.420	351.351	3.299	Pass
2	5378.942	1205.744	350.392	3.327	Pass
3	5364.514	1199.178	345.505	3.328	Pass
4	5389.500	1214.945	351.544	3.363	Pass
5	5370.686	1184.374	349.962	3.226	Pass
6	5399.058	1196.753	339.326	3.356	Pass
7	5372.037	1203.655	331.559	3.442	Pass
8	5379.709	1204.809	333.575	3.434	Pass
9	5375.389	1200.050	349.523	3.305	Pass
10	5379.709	1196.129	344.127	3.322	Pass
11	5361.378	1202.799	354.545	3.286	Pass
12	5374.172	1206.693	348.707	3.343	Pass
13	5374.205	1206.092	351.384	3.322	Pass
14	5374.939	1202.637	335.029	3.414	Pass
15	5369.735	1202.035	343.502	3.355	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 14:35:03
Results file name:	81003503.VER
Inspection number:	
Item id:	A48-1
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	1.090
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	JSR-15 spritter out-2

Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670	+-	0.0000	1.0029	+- 0.0000
Pu239:	64.7610	+-	0.0000	66.0551	+- 0.0000
Pu240:	25.1940	+-	0.0000	25.6769	+- 0.0000
Pu241:	4.7090	+-	0.0000	2.9096	+- 0.0000
Pu242:	4.2690	+-	0.0000	4.3555	+- 0.0000
Pu date:	07.09.07			18.01.24	
Am241:	5.2012	+-	0.0000	7.0974	+- 0.0000
Am date:	07.09.07			18.01.24	

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:	9.015	+-	0.168
Passive doubles bkgrnd:	0.075	+-	0.016
Passive triples bkgrnd:	0.018	+-	0.013

Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	5
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	536.527	+-	1.426
Doubles:	128.222	+-	1.357
Triples:	35.438	+-	0.596
Quads:	6.463	+-	0.361
Quads/Triples:	0.182	+-	0.008
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.012	+-	0.001
Alpha:	1.100	+-	0.019
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.367	+-	0.004
Pu240e (%):	35.522		
Pu mass (g):	1.033	+-	0.012
Declared Pu240e mass (g):	0.379		
Declared Pu mass (g):	1.068		
Declared - assay Pu mass (g):	0.036	+-	0.012
Declared - assay Pu mass (%):	3.332	+-	1.122

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32605	8698	1133	0	0	Pass
2	32498	8597	1126	0	0	Pass
3	32760	8839	1144	0	0	Pass
4	32993	9035	1161	0	0	Pass
5	32800	9025	1147	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	534.423	126.028	35.465	0.356	Pass
2	532.640	124.461	33.319	0.363	Pass
3	537.007	128.195	36.035	0.363	Pass
4	540.890	131.179	35.432	0.381	Pass
5	537.673	131.246	36.941	0.372	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:41:19				
Results file name:	81004119.VER				
Inspection number:					
Item id:	A48-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.090				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	538.255	+-	0.762
Doubles:	130.349	+-	0.514
Triples:	36.245	+-	0.273
Quads:	6.887	+-	0.288
Quads/Triples:	0.190	+-	0.007
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.012	+-	0.001
Alpha:	1.078	+-	0.009
Multiplication correction factor:	1.000		
Pu240e mass (g):	0.372	+-	0.002
Pu240e (%):	35.522		
Pu mass (g):	1.046	+-	0.006
Declared Pu240e mass (g):	0.379		
Declared Pu mass (g):	1.068		
Declared - assay Pu mass (g):	0.022	+-	0.006
Declared - assay Pu mass (%):	2.051	+-	0.524

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32943	9059	1157	0	0	Pass
2	32835	9079	1150	0	0	Pass
3	32765	8972	1145	0	0	Pass
4	32596	8752	1133	0	0	Pass
5	32847	8902	1150	0	0	Pass

6	33104	9117	1168	0	0	Pass
7	32875	8909	1152	0	0	Pass
8	32926	8984	1156	0	0	Pass
9	32742	8964	1143	0	0	Pass
10	32716	8999	1141	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	540.057	131.646	35.039	0.386	Pass
2	538.257	132.096	37.337	0.373	Pass
3	537.090	130.396	36.028	0.373	Pass
4	534.273	126.928	34.988	0.364	Pass
5	538.457	129.146	35.459	0.371	Pass
6	542.740	132.430	36.901	0.377	Pass
7	538.923	129.229	36.045	0.368	Pass
8	539.774	130.412	36.731	0.369	Pass
9	536.707	130.296	37.138	0.366	Pass
10	536.273	130.912	36.780	0.371	Pass

INCC 5.0.6

Facility:	PPFF				
Material balance area:	XXXX				
Detector type:					
Detector id:	AVIS R-123				
Electronics id:					
Inventory change code:					
I/O code:					
Measurement date:	18.01.24 14:53:22				
Results file name:	81005322.VER				
Inspection number:					
Item id:	A48-1				
Stratum id:	XXXX				
Bias uncertainty:	0.0000				
Random uncertainty:	0.0000				
Systematic uncertainty:	0.0000				
Relative std deviation:	0.0000				
Material type:	Pu				
Original declared mass:	1.090				
Measurement option:	Verification				
Data source:	Shift register				
QC tests:	On				
Error calculation:	Sample method				
Accidentals method:	Measured				
Inspector name:	JAEA				
Passive comment:	JSR-15 spritter out-2				
Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000	
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000	
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000	
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000	
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000	
Pu date:	07.09.07		18.01.24		
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000	
Am date:	07.09.07		18.01.24		
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:	9.015 +-	0.168			
Passive doubles bkgrnd:	0.075 +-	0.016			
Passive triples bkgrnd:	0.018 +-	0.013			

Passive scaler1 bkgrnd:	0.000				
Passive scaler2 bkgrnd:	0.000				
Number passive cycles:	15				
Count time (sec):	60				

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	538.308 +-	1.142			
Doubles:	129.809 +-	0.687			
Triples:	36.110 +-	0.466			
Quads:	6.780 +-	0.328			
Quads/Triples:	0.187 +-	0.007			
Scaler 1:	0.000 +-	0.000			
Scaler 2:	0.000 +-	0.000			

Passive multiplicity results

Multiplication:	1.012 +-	0.001			
Alpha:	1.087 +-	0.007			
Multiplication correction factor:	1.000				
Pu240e mass (g):	0.370 +-	0.002			
Pu240e (%):	35.522				
Pu mass (g):	1.042 +-	0.005			
Declared Pu240e mass (g):	0.379				
Declared Pu mass (g):	1.068				
Declared - assay Pu mass (g):	0.027 +-	0.005			
Declared - assay Pu mass (%):	2.501 +-	0.471			

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	32691	8930	1139	0	0	Pass
2	33152	8855	1172	0	0	Pass
3	32740	9152	1143	0	0	Pass
4	32737	8770	1143	0	0	Pass
5	32690	8933	1139	0	0	Pass

6	33067	9323	1166	0	0	Pass
7	32705	8927	1140	0	0	Pass
8	33126	9051	1170	0	0	Pass
9	32227	8661	1107	0	0	Pass
10	32642	8908	1136	0	0	Pass
11	32683	8848	1139	0	0	Pass
12	33109	8987	1169	0	0	Pass
13	33199	9094	1175	0	0	Pass
14	32875	8725	1152	0	0	Pass
15	32928	8959	1156	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	535.857	129.796	36.916	0.365	Pass
2	543.540	127.996	34.438	0.372	Pass
3	536.673	133.429	40.017	0.363	Pass
4	536.623	127.062	34.591	0.367	Pass
5	535.840	129.846	35.879	0.372	Pass
6	542.124	135.897	39.143	0.380	Pass
7	536.090	129.729	37.114	0.363	Pass
8	543.107	131.296	37.406	0.369	Pass
9	528.123	125.845	35.039	0.358	Pass
10	535.040	129.479	36.042	0.369	Pass
11	535.723	128.429	34.518	0.374	Pass
12	542.824	130.246	34.247	0.384	Pass
13	544.324	131.930	36.314	0.379	Pass
14	538.923	126.162	33.785	0.368	Pass
15	539.807	129.996	36.209	0.370	Pass

INCC 5.0.6

Facility:	PPFF			
Material balance area:	XXXX			
Detector type:				
Detector id:	AVIS R-123			
Electronics id:				
Inventory change code:				
I/O code:				
Measurement date:	18.01.24 15:20:11			
Results file name:	810P2011.VER			
Inspection number:				
Item id:	A48-2			
Stratum id:	XXXX			
Bias uncertainty:	0.0000			
Random uncertainty:	0.0000			
Systematic uncertainty:	0.0000			
Relative std deviation:	0.0000			
Material type:	Pu			
Original declared mass:	3.220			
Measurement option:	Verification			
Data source:	Shift register			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:	JSR-15 spritter out-2			
Isotopics id:	PU-400025106			
Isotopics source code:	OD			
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000
Pu date:	07.09.07		18.01.24	
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000
Am date:	07.09.07		18.01.24	
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:	9.015 +-	0.168		
Passive doubles bkgrnd:	0.075 +-	0.016		
Passive triples bkgrnd:	0.018 +-	0.013		

Passive scaler1 bkgrnd: 0.000
Passive scaler2 bkgrnd: 0.000

Number passive cycles: 5
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1604.911	+-	3.196
Doubles:	394.320	+-	3.614
Triples:	114.300	+-	3.652
Quads:	25.876	+-	3.050
Quads/Triples:	0.224	+-	0.020
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.017	+-	0.002
Alpha:	1.094	+-	0.014
Multiplication correction factor:	1.000		
Pu240e mass (g):	1.095	+-	0.009
Pu240e (%):	35.522		
Pu mass (g):	3.084	+-	0.024
Declared Pu240e mass (g):	1.121		
Declared Pu mass (g):	3.156		
Declared - assay Pu mass (g):	0.072	+-	0.024
Declared - assay Pu mass (%):	2.283	+-	0.774

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	96825	34269	10000	0	0	Pass
2	97449	34134	10129	0	0	Pass
3	96325	33090	9897	0	0	Pass
4	96968	33644	10029	0	0	Pass
5	96554	33125	9944	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1604.924	404.598	124.343	1.082	Pass
2	1615.327	400.197	122.000	1.075	Pass
3	1596.589	386.655	108.542	1.096	Pass
4	1607.308	393.693	109.189	1.125	Pass
5	1600.406	386.456	107.419	1.102	Pass

INCC 5.0.6

Facility:	PPFF
Material balance area:	XXXX
Detector type:	
Detector id:	AVIS R-123
Electronics id:	
Inventory change code:	
I/O code:	
Measurement date:	18.01.24 15:26:37
Results file name:	810P2637.VER
Inspection number:	
Item id:	A48-2
Stratum id:	XXXX
Bias uncertainty:	0.0000
Random uncertainty:	0.0000
Systematic uncertainty:	0.0000
Relative std deviation:	0.0000
Material type:	Pu
Original declared mass:	3.220
Measurement option:	Verification
Data source:	Shift register
QC tests:	On
Error calculation:	Sample method
Accidentals method:	Measured
Inspector name:	JAEA
Passive comment:	JSR-15 spritter out-2

Isotopics id:	PU-400025106				
Isotopics source code:	OD				
Pu238:	1.0670	+-	0.0000	1.0029	+- 0.0000
Pu239:	64.7610	+-	0.0000	66.0551	+- 0.0000
Pu240:	25.1940	+-	0.0000	25.6769	+- 0.0000
Pu241:	4.7090	+-	0.0000	2.9096	+- 0.0000
Pu242:	4.2690	+-	0.0000	4.3555	+- 0.0000
Pu date:	07.09.07			18.01.24	
Am241:	5.2012	+-	0.0000	7.0974	+- 0.0000
Am date:	07.09.07			18.01.24	

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:	9.015	+-	0.168
Passive doubles bkgrnd:	0.075	+-	0.016
Passive triples bkgrnd:	0.018	+-	0.013

Passive scaler1 bkgrnd:	0.000
Passive scaler2 bkgrnd:	0.000
Number passive cycles:	10
Count time (sec):	60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1598.734	+-	1.990
Doubles:	390.674	+-	2.373
Triples:	110.984	+-	1.517
Quads:	22.196	+-	0.903
Quads/Triples:	0.200	+-	0.006
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.014	+-	0.001
Alpha:	1.082	+-	0.008
Multiplication correction factor:	1.000		
Pu240e mass (g):	1.099	+-	0.005
Pu240e (%):	35.522		
Pu mass (g):	3.095	+-	0.014
Declared Pu240e mass (g):	1.121		
Declared Pu mass (g):	3.156		
Declared - assay Pu mass (g):	0.061	+-	0.014
Declared - assay Pu mass (%):	1.935	+-	0.437

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	97210	34066	10079	0	0	Pass
2	96609	33604	9955	0	0	Pass
3	96072	32532	9845	0	0	Pass
4	96155	32876	9862	0	0	Pass
5	96473	33188	9927	0	0	Pass

6	96270	33128	9885	0	0	Pass
7	96967	34080	10029	0	0	Pass
8	96386	33633	9909	0	0	Pass
9	96132	33531	9857	0	0	Pass
10	96263	32934	9884	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1611.342	399.896	115.894	1.112	Pass
2	1601.323	394.259	111.042	1.116	Pass
3	1592.371	378.218	104.241	1.084	Pass
4	1593.755	383.670	105.618	1.101	Pass
5	1599.056	387.789	107.034	1.111	Pass
6	1595.672	387.489	112.450	1.075	Pass
7	1607.291	400.963	117.789	1.105	Pass
8	1597.606	395.510	111.534	1.119	Pass
9	1593.371	394.675	116.687	1.083	Pass
10	1595.555	384.271	107.536	1.091	Pass

INCC 5.0.6

Facility:	PPFF			
Material balance area:	XXXX			
Detector type:				
Detector id:	AVIS R-123			
Electronics id:				
Inventory change code:				
I/O code:				
Measurement date:	18.01.24 15:38:59			
Results file name:	810P3859.VER			
Inspection number:				
Item id:	A48-2			
Stratum id:	XXXX			
Bias uncertainty:	0.0000			
Random uncertainty:	0.0000			
Systematic uncertainty:	0.0000			
Relative std deviation:	0.0000			
Material type:	Pu			
Original declared mass:	3.220			
Measurement option:	Verification			
Data source:	Shift register			
QC tests:	On			
Error calculation:	Sample method			
Accidentals method:	Measured			
Inspector name:	JAEA			
Passive comment:	JSR-15 spritter out-2			
Isotopics id:	PU-400025106			
Isotopics source code:	OD			
Pu238:	1.0670 +-	0.0000	1.0029 +-	0.0000
Pu239:	64.7610 +-	0.0000	66.0551 +-	0.0000
Pu240:	25.1940 +-	0.0000	25.6769 +-	0.0000
Pu241:	4.7090 +-	0.0000	2.9096 +-	0.0000
Pu242:	4.2690 +-	0.0000	4.3555 +-	0.0000
Pu date:	07.09.07		18.01.24	
Am241:	5.2012 +-	0.0000	7.0974 +-	0.0000
Am date:	07.09.07		18.01.24	
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:	9.015 +-	0.168		
Passive doubles bkgrnd:	0.075 +-	0.016		
Passive triples bkgrnd:	0.018 +-	0.013		

Passive scaler1 bkgrnd: 0.000
Passive scaler2 bkgrnd: 0.000

Number passive cycles: 15
Count time (sec): 60

Passive messages

Multiplicity: failed stratum rejection limits

Passive results

Singles:	1598.189	+-	1.712
Doubles:	390.632	+-	0.738
Triples:	110.348	+-	0.951
Quads:	21.998	+-	0.809
Quads/Triples:	0.199	+-	0.006
Scaler 1:	0.000	+-	0.000
Scaler 2:	0.000	+-	0.000

Passive multiplicity results

Multiplication:	1.014	+-	0.001
Alpha:	1.075	+-	0.007
Multiplication correction factor:	1.000		
Pu240e mass (g):	1.103	+-	0.005
Pu240e (%):	35.522		
Pu mass (g):	3.106	+-	0.015
Declared Pu240e mass (g):	1.121		
Declared Pu mass (g):	3.156		
Declared - assay Pu mass (g):	0.050	+-	0.015
Declared - assay Pu mass (%):	1.589	+-	0.474

Passive multiplicity calibration parameters

Spontaneous fission rate:	4.735000e+002
1st factorial moment spontaneous fission:	2.154000e+000
2nd factorial moment spontaneous fission:	3.789000e+000
3rd factorial moment spontaneous fission:	5.211000e+000
1st factorial moment induced fission:	3.163000e+000
2nd factorial moment induced fission:	8.240000e+000
3rd factorial moment induced fission:	1.732100e+001
a:	1.000000e+000
b:	0.000000e+000
c:	0.000000e+000
sigma x:	0.000000e+000
alpha weight:	0.000000e+000

Passive cycle raw data

Cycle	Singles	R+A	A	Scaler1	Scaler2	QC Tests
1	96263	32973	9884	0	0	Pass
2	96325	33411	9897	0	0	Pass
3	96674	33497	9968	0	0	Pass
4	96401	33264	9912	0	0	Pass
5	96589	33454	9951	0	0	Pass

6	96882	33634	10011	0	0	Pass
7	95446	33250	9717	0	0	Pass
8	97015	33415	10039	0	0	Pass
9	96304	33468	9892	0	0	Pass
10	96409	33264	9914	0	0	Pass
11	96263	32967	9884	0	0	Pass
12	96129	33223	9856	0	0	Pass
13	96433	33403	9919	0	0	Pass
14	97021	33716	10040	0	0	Pass
15	96161	33280	9863	0	0	Pass

Passive cycle rate data

Cycle	Singles	Doubles	Triples	Mass	QC Tests
1	1595.555	384.921	107.309	1.096	Pass
2	1596.589	392.008	114.738	1.082	Pass
3	1602.407	392.259	109.081	1.119	Pass
4	1597.856	389.307	107.429	1.116	Pass
5	1600.990	391.825	109.949	1.111	Pass
6	1605.874	393.826	113.970	1.095	Pass
7	1581.935	392.323	115.663	1.078	Pass
8	1608.092	389.708	101.391	1.157	Pass
9	1596.239	393.042	111.433	1.108	Pass
10	1597.989	389.273	110.070	1.099	Pass
11	1595.555	384.821	108.780	1.086	Pass
12	1593.321	389.556	109.653	1.103	Pass
13	1598.389	391.508	115.304	1.076	Pass
14	1608.192	394.710	110.771	1.120	Pass
15	1593.855	390.390	109.678	1.107	Pass

【AVIS 性能確認試験】

(3)　3.2　プルトニウム同位体組成比検認用 HRGS の測定性能確認試験

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 11:04:41 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.85
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #1 Detector: HRGS_ Total counts: 6.701E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4077 FWHM at 122 keV = 977 eV
QFIT =13.47 FWHM at 208 keV =1097 eV
NQFIT = 1.59

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.018595	6.1	1.9	0.3702	8.2	1.22538	4.63	1.22538	4.63
Pu-239	1.000000	0.0	5.9	19.9070	22.0	65.89981	2.84	65.89981	2.84
Pu-240	0.399048	7.2	4.3	7.9438	16.3	26.29720	5.32	26.29720	5.32
Pu-241	0.050234	5.7	1.2	1.0000	0.0	3.31039	4.36	3.31039	4.36
Pu-242	(New alg.)			0.9870	(14)	3.26722	(14)	3.26722	(14)
Am-241	0.063123	6.0	1.0	1.2566	5.6	4.15982	4.50	4.15982	4.50
Np-237						1.22160	7.45		

Pu-240 effective (meas. date) = 34.874 +/- 6.01%
Approx. U/Pu ratio by fluorescence x-rays equals 3.56 +/- 10.19%
Pu x-ray fluorescence intensity equals 2.1493E+008 +/- 2.6%
Am-241 separated about 17.002 +/- 0.342 years ago
Am/Pu-241 weight ratio = 1.25660 +/- 1.54%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 11:22:09 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #2 Detector: HRGS_ Total counts: 6.731E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4269 FWHM at 122 keV = 684 eV
QFIT = 1.09 FWHM at 208 keV = 789 eV
NQFIT = 1.00

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017819	1.4	0.4	0.3474	0.5	1.15905	1.03	1.15905	1.03
Pu-239	1.000000	0.0	1.4	19.4960	1.5	65.04603	0.62	65.04603	0.62
Pu-240	0.417056	1.6	0.8	8.1309	0.9	27.12786	1.10	27.12786	1.10
Pu-241	0.051293	1.4	0.3	1.0000	0.0	3.33638	0.96	3.33638	0.96
Pu-242	(New alg.)			0.9983	(10)	3.33068	(10)	3.33068	(10)
Am-241	0.065459	1.4	0.2	1.2762	0.4	4.25786	1.00	4.25786	1.00
Np-237						1.44828	4.49		

Pu-240 effective (meas. date) = 35.644 +/- 2.03%
Approx. U/Pu ratio by fluorescence x-rays equals 2.52 +/- 1.65%
Pu x-ray fluorescence intensity equals 2.5337E+008 +/- 1.2%
Am-241 separated about 17.034 +/- 0.101 years ago
Am/Pu-241 weight ratio = 1.27619 +/- 0.36%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 1:23:52 PM

MGA version: MGA V9.63F CI

Spectrum ID: K00553-2#3.C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #3 Detector: HRGS_ Total counts: 6.730E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4289 FWHM at 122 keV = 604 eV
QFIT = 1.00 FWHM at 208 keV = 715 eV
NQFIT = 1.00

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017855	1.3	0.4	0.3453	0.5	1.15469	0.95	1.15469	0.95
Pu-239	1.000000	0.0	1.3	19.3382	1.3	64.67077	0.58	64.67077	0.58
Pu-240	0.424470	1.4	0.7	8.2085	0.7	27.45078	0.99	27.45078	0.99
Pu-241	0.051711	1.2	0.3	1.0000	0.0	3.34419	0.88	3.34419	0.88
Pu-242	(New alg.)			1.0106	(10)	3.37956	(10)	3.37956	(10)
Am-241	0.066189	1.3	0.2	1.2800	0.3	4.28049	0.92	4.28049	0.92
Np-237						1.46813	4.40		

Pu-240 effective (meas. date) = 36.038 +/- 1.96%
Approx. U/Pu ratio by fluorescence x-rays equals 2.56 +/- 1.46%
Pu x-ray fluorescence intensity equals 2.5147E+008 +/- 1.1%
Am-241 separated about 17.061 +/- 0.097 years ago
Am/Pu-241 weight ratio = 1.27998 +/- 0.33%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 1:18:05 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #4 Detector: HRGS_ Total counts: 6.729E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4269 FWHM at 122 keV = 593 eV
QFIT = 1.00 FWHM at 208 keV = 715 eV
NQFIT = 1.00

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017698	1.3	0.4	0.3451	0.5	1.14955	0.93	1.14955	0.93
Pu-239	1.000000	0.0	1.2	19.5004	1.3	64.95559	0.57	64.95559	0.57
Pu-240	0.419361	1.4	0.7	8.1777	0.7	27.23982	0.98	27.23982	0.98
Pu-241	0.051281	1.2	0.3	1.0000	0.0	3.33099	0.87	3.33099	0.87
Pu-242	(New alg.)			0.9979	(10)	3.32403	(10)	3.32403	(10)
Am-241	0.065121	1.3	0.2	1.2699	0.3	4.22995	0.91	4.22995	0.91
Np-237						1.45478	4.41		

Pu-240 effective (meas. date) = 35.721 +/- 1.94%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 1.44%
Pu x-ray fluorescence intensity equals 2.4598E+008 +/- 1.1%
Am-241 separated about 16.996 +/- 0.096 years ago
Am/Pu-241 weight ratio = 1.26988 +/- 0.33%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 11/22/17 1:42:46 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #5 Detector: HRGS_ Total counts: 6.731E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4265 FWHM at 122 keV = 576 eV
QFIT = 1.18 FWHM at 208 keV = 698 eV
NQFIT = 1.01

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017781	1.4	0.4	0.3458	0.5	1.14778	1.02	1.14778	1.02
Pu-239	1.000000	0.0	1.4	19.4459	1.5	64.55085	0.63	64.55085	0.63
Pu-240	0.427712	1.5	0.7	8.3173	0.8	27.60920	1.06	27.60920	1.06
Pu-241	0.051425	1.3	0.3	1.0000	0.0	3.31951	0.95	3.31951	0.95
Pu-242	(New alg.)			1.0160(10)		3.37266 (10)		3.37266 (10)	
Am-241	0.065726	1.4	0.2	1.2781	0.4	4.24269	0.99	4.24269	0.99
Np-237						1.49832	4.30		

Pu-240 effective (meas. date) = 36.168 +/- 2.00%
Approx. U/Pu ratio by fluorescence x-rays equals 2.53 +/- 1.53%
Pu x-ray fluorescence intensity equals 2.5436E+008 +/- 1.0%
Am-241 separated about 17.078 +/- 0.102 years ago
Am/Pu-241 weight ratio = 1.27811 +/- 0.36%

Messages :

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 11/22/17 2:02:56 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.90
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #6 Detector: HRGS_ Total counts: 6.728E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4293 FWHM at 122 keV = 572 eV
QFIT = 1.79 FWHM at 208 keV = 690 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017803	1.7	0.5	0.3440	0.8	1.15025	1.23	1.15025	1.23
Pu-239	1.000000	0.0	1.6	19.3205	2.2	64.61024	0.76	64.61024	0.76
Pu-240	0.425820	1.8	0.9	8.2271	1.3	27.51233	1.29	27.51233	1.29
Pu-241	0.051758	1.6	0.4	1.0000	0.0	3.34413	1.14	3.34413	1.14
Pu-242	(New alg.)			1.0116(10)		3.38306 (10)		3.38306 (10)	
Am-241	0.066291	1.7	0.3	1.2808	0.6	4.28307	1.20	4.28307	1.20
Np-237						1.47795	4.21		
U-235	0.028534	32.2	32.2			1.84358	32.21	1.84358	32.21

Pu-240 effective (meas. date) = 36.094 +/- 2.18%
Approx. U/Pu ratio by fluorescence x-rays equals 2.52 +/- 1.87%
Pu x-ray fluorescence intensity equals 2.5526E+008 +/- 1.0%
Am-241 separated about 17.073 +/- 0.119 years ago
Am/Pu-241 weight ratio = 1.28077 +/- 0.44%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 2:22:56 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #7 Detector: HRGS_ Total counts: 6.732E+006

Operator:

Pu g/cm2 = 3.4778 Cd g/cm2 = 1.4303 FWHM at 122 keV = 576 eV
QFIT = 1.44 FWHM at 208 keV = 698 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017698	1.5	0.4	0.3454	0.6	1.14485	1.12	1.14485	1.12
Pu-239	1.000000	0.0	1.5	19.5192	1.8	64.68828	0.69	64.68828	0.69
Pu-240	0.425162	1.7	0.8	8.2988	1.0	27.50300	1.17	27.50300	1.17
Pu-241	0.051232	1.5	0.3	1.0000	0.0	3.31409	1.04	3.31409	1.04
Pu-242	(New alg.)			1.0108	(10)	3.34978	(10)	3.34978	(10)
Am-241	0.065473	1.5	0.2	1.2780	0.5	4.23536	1.09	4.23536	1.09
Np-237						1.42959	4.32		
U-235	0.029095	31.3	31.3			1.88208	31.28	1.88208	31.28

Pu-240 effective (meas. date) = 36.016 +/- 2.08%
Approx. U/Pu ratio by fluorescence x-rays equals 2.49 +/- 1.68%
Pu x-ray fluorescence intensity equals 2.5386E+008 +/- 1.0%
Am-241 separated about 17.037 +/- 0.109 years ago
Am/Pu-241 weight ratio = 1.27798 +/- 0.40%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 2:42:42 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.90
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #8 Detector: HRGS_ Total counts: 6.730E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4271 FWHM at 122 keV = 577 eV
QFIT = 1.41 FWHM at 208 keV = 698 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017851	1.5	0.4	0.3433	0.6	1.14831	1.12	1.14831	1.12
Pu-239	1.000000	0.0	1.5	19.2336	1.8	64.32748	0.70	64.32748	0.70
Pu-240	0.431630	1.7	0.8	8.3018	1.0	27.76564	1.17	27.76564	1.17
Pu-241	0.051992	1.5	0.3	1.0000	0.0	3.34453	1.04	3.34453	1.04
Pu-242	(New alg.)			1.0208	(10)	3.41403	(10)	3.41403	(10)
Am-241	0.066448	1.5	0.2	1.2780	0.5	4.27442	1.09	4.27442	1.09
Np-237						1.47273	4.30		
U-235	0.035273	26.4	26.4			2.26903	26.38	2.26903	26.38

Pu-240 effective (meas. date) = 36.395 +/- 2.09%
Approx. U/Pu ratio by fluorescence x-rays equals 2.52 +/- 1.66%
Pu x-ray fluorescence intensity equals 2.5763E+008 +/- 1.0%
Am-241 separated about 17.045 +/- 0.108 years ago
Am/Pu-241 weight ratio = 1.27803 +/- 0.39%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 3:02:58 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #9 Detector: HRGS_ Total counts: 6.736E+006

Operator:

Pu g/cm2 = 3.7398 Cd g/cm2 = 1.4283 FWHM at 122 keV = 578 eV
QFIT = 1.88 FWHM at 208 keV = 701 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017509	1.8	0.5	0.3444	0.9	1.13405	1.28	1.13405	1.28
Pu-239	1.000000	0.0	1.7	19.6723	2.4	64.77110	0.78	64.77110	0.78
Pu-240	0.424295	1.9	0.9	8.3468	1.3	27.48205	1.34	27.48205	1.34
Pu-241	0.050833	1.7	0.4	1.0000	0.0	3.29251	1.19	3.29251	1.19
Pu-242	(New alg.)			1.0084	(10)	3.32028	(10)	3.32028	(10)
Am-241	0.065160	1.7	0.3	1.2818	0.6	4.22046	1.24	4.22046	1.24
Np-237						1.46120	4.37		
U-235	0.030212	29.9	30.0			1.95689	29.96	1.95689	29.96

Pu-240 effective (meas. date) = 35.918 +/- 2.21%
Approx. U/Pu ratio by fluorescence x-rays equals 2.50 +/- 1.92%
Pu x-ray fluorescence intensity equals 2.5320E+008 +/- 1.0%
Am-241 separated about 17.073 +/- 0.121 years ago
Am/Pu-241 weight ratio = 1.28184 +/- 0.45%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 11/22/17 3:22:47 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 11.91
Measurement date: 11/22/17 Declared date:

Sample ID: K00553-2 #10 Detector: HRGS_ Total counts: 6.736E+006

Operator:

Pu g/cm2 = 3.9278 Cd g/cm2 = 1.4289 FWHM at 122 keV = 574 eV
QFIT = 1.51 FWHM at 208 keV = 696 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017800	1.6	0.5	0.3428	0.7	1.15006	1.14	1.15006	1.14
Pu-239	1.000000	0.0	1.5	19.2560	1.9	64.60979	0.70	64.60979	0.70
Pu-240	0.425697	1.7	0.8	8.1972	1.1	27.50420	1.19	27.50420	1.19
Pu-241	0.051932	1.5	0.3	1.0000	0.0	3.35530	1.06	3.35530	1.06
Pu-242	(New alg.)			1.0076	(10)	3.38065	(10)	3.38065	(10)
Am-241	0.066015	1.5	0.2	1.2712	0.5	4.26523	1.10	4.26523	1.10
Np-237						1.43969	4.41		
U-235	0.020991	43.5	43.5			1.35622	43.51	1.35622	43.51

Pu-240 effective (meas. date) = 36.082 +/- 2.10%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 1.72%
Pu x-ray fluorescence intensity equals 2.5390E+008 +/- 1.0%
Am-241 separated about 16.988 +/- 0.111 years ago
Am/Pu-241 weight ratio = 1.27119 +/- 0.41%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 12/22/17 11:10:42 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.09
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #1 Detector: HRGS_ Total counts: 6.818E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3740 FWHM at 122 keV =1091 eV
QFIT =24.69 FWHM at 208 keV =1245 eV
NQFIT = 2.13

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.018555	9.1	2.9	0.3710	16.6	1.25651	7.21	1.25651	7.21
Pu-239	1.000000	0.0	8.7	19.9937	43.9	67.71722	4.32	67.71722	4.32
Pu-240	0.362741	11.3	7.3	7.2525	37.1	24.56378	8.76	24.56378	8.76
Pu-241	0.050016	8.5	1.7	1.0000	0.0	3.38692	6.82	3.38692	6.82
Pu-242	(New alg.)			0.9081	(18)	3.07557	(18)	3.07557	(18)
Am-241	0.060239	8.8	1.5	1.2044	11.5	4.07923	7.01	4.07923	7.01
Np-237						1.00819	11.37		

Pu-240 effective (meas. date) = 32.897 +/- 9.23%
Approx. U/Pu ratio by fluorescence x-rays equals 4.59 +/- 20.16%
Pu x-ray fluorescence intensity equals 1.6604E+008 +/- 3.9%
Am-241 separated about 16.797 +/- 0.503 years ago
Am/Pu-241 weight ratio = 1.20440 +/- 2.31%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 7%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 12/22/17 11:30:47 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #2 Detector: HRGS_ Total counts: 7.556E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4005 FWHM at 122 keV = 711 eV
QFIT = 1.19 FWHM at 208 keV = 816 eV
NQFIT = 1.01

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017402	1.4	0.4	0.3446	0.5	1.13448	1.02	1.13448	1.02
Pu-239	1.000000	0.0	1.4	19.8015	1.5	65.19283	0.62	65.19283	0.62
Pu-240	0.415862	1.6	0.8	8.2347	0.9	27.11119	1.09	27.11119	1.09
Pu-241	0.050501	1.3	0.3	1.0000	0.0	3.29231	0.96	3.29231	0.96
Pu-242	(New alg.)			0.9930	(10)	3.26919	(10)	3.26919	(10)
Am-241	0.064702	1.4	0.2	1.2812	0.4	4.21809	0.99	4.21809	0.99
Np-237						1.40343	4.47		

Pu-240 effective (meas. date) = 35.462 +/- 2.01%
Approx. U/Pu ratio by fluorescence x-rays equals 2.59 +/- 1.69%
Pu x-ray fluorescence intensity equals 2.4230E+008 +/- 1.2%
Am-241 separated about 17.072 +/- 0.100 years ago
Am/Pu-241 weight ratio = 1.28119 +/- 0.35%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 11:50:31 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.34
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #3 Detector: HRGS_ Total counts: 7.570E+006

Operator:

Pu g/cm2 = 3.1458 Cd g/cm2 = 1.4005 FWHM at 122 keV = 618 eV
QFIT = 1.46 FWHM at 208 keV = 727 eV
NQFIT = 1.02

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017583	1.5	0.4	0.3444	0.6	1.13866	1.09	1.13866	1.09
Pu-239	1.000000	0.0	1.5	19.5871	1.8	64.75883	0.67	64.75883	0.67
Pu-240	0.424039	1.6	0.8	8.3057	1.0	27.46029	1.15	27.46029	1.15
Pu-241	0.051054	1.4	0.3	1.0000	0.0	3.30619	1.02	3.30619	1.02
Pu-242	(New alg.)			1.0090	(10)	3.33602	(10)	3.33602	(10)
Am-241	0.065581	1.5	0.2	1.2846	0.5	4.24697	1.06	4.24697	1.06
Np-237						1.42173	4.22		
U-235	0.030364	28.0	28.0			1.96633	28.02	1.96633	28.02

Pu-240 effective (meas. date) = 35.934 +/- 2.06%
Approx. U/Pu ratio by fluorescence x-rays equals 2.54 +/- 1.67%
Pu x-ray fluorescence intensity equals 2.5177E+008 +/- 1.0%
Am-241 separated about 17.104 +/- 0.107 years ago
Am/Pu-241 weight ratio = 1.28455 +/- 0.38%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 1:19:23 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #4 Detector: HRGS_ Total counts: 7.562E+006

Operator:

Pu g/cm2 = 3.0478 Cd g/cm2 = 1.4007 FWHM at 122 keV = 602 eV
QFIT = 1.90 FWHM at 208 keV = 717 eV
NQFIT = 1.04

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017802	1.7	0.5	0.3452	0.8	1.15008	1.23	1.15008	1.23
Pu-239	1.000000	0.0	1.6	19.3895	2.3	64.60390	0.77	64.60390	0.77
Pu-240	0.426120	1.8	0.9	8.2622	1.3	27.52900	1.29	27.52900	1.29
Pu-241	0.051574	1.6	0.3	1.0000	0.0	3.33190	1.15	3.33190	1.15
Pu-242	(New alg.)			1.0160	(10)	3.38511	(10)	3.38511	(10)
Am-241	0.066536	1.7	0.3	1.2901	0.6	4.29851	1.20	4.29851	1.20
Np-237						1.41608	4.22		
U-235	0.026782	32.2	32.2			1.73019	32.21	1.73019	32.21

Pu-240 effective (meas. date) = 36.114 +/- 2.18%
Approx. U/Pu ratio by fluorescence x-rays equals 2.53 +/- 1.86%
Pu x-ray fluorescence intensity equals 2.5419E+008 +/- 1.0%
Am-241 separated about 17.151 +/- 0.117 years ago
Am/Pu-241 weight ratio = 1.29011 +/- 0.43%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 1:35:31 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #5 Detector: HRGS_ Total counts: 7.564E+006

Operator:

Pu g/cm2 = 3.3471 Cd g/cm2 = 1.4004 FWHM at 122 keV = 584 eV
QFIT = 1.78 FWHM at 208 keV = 703 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017506	1.6	0.5	0.3444	0.8	1.13262	1.18	1.13262	1.18
Pu-239	1.000000	0.0	1.6	19.6738	2.1	64.69850	0.73	64.69850	0.73
Pu-240	0.425834	1.7	0.8	8.3777	1.2	27.55079	1.23	27.55079	1.23
Pu-241	0.050829	1.5	0.3	1.0000	0.0	3.28857	1.09	3.28857	1.09
Pu-242	(New alg.)			1.0124	(10)	3.32951	(10)	3.32951	(10)
Am-241	0.065399	1.6	0.3	1.2866	0.6	4.23121	1.14	4.23121	1.14
Np-237						1.41225	4.21		
U-235	0.024609	34.0	34.0			1.59217	33.99	1.59217	33.99

Pu-240 effective (meas. date) = 35.999 +/- 2.12%
Approx. U/Pu ratio by fluorescence x-rays equals 2.56 +/- 1.82%
Pu x-ray fluorescence intensity equals 2.4364E+008 +/- 1.0%
Am-241 separated about 17.122 +/- 0.114 years ago
Am/Pu-241 weight ratio = 1.28664 +/- 0.42%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 1:51:49 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #6 Detector: HRGS_ Total counts: 7.566E+006

Operator:

Pu g/cm2 = 3.7021 Cd g/cm2 = 1.3997 FWHM at 122 keV = 578 eV
QFIT = 1.60 FWHM at 208 keV = 691 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017605	1.5	0.4	0.3466	0.7	1.13798	1.12	1.13798	1.12
Pu-239	1.000000	0.0	1.5	19.6898	1.9	64.63950	0.70	64.63950	0.70
Pu-240	0.426977	1.7	0.8	8.4071	1.1	27.59958	1.17	27.59958	1.17
Pu-241	0.050788	1.4	0.3	1.0000	0.0	3.28290	1.04	3.28290	1.04
Pu-242	(New alg.)			1.0174	(10)	3.34003	(10)	3.34003	(10)
Am-241	0.065390	1.5	0.2	1.2875	0.5	4.22680	1.08	4.22680	1.08
Np-237						1.46423	4.07		
U-235	0.036695	23.0	23.1			2.37193	23.05	2.37193	23.05

Pu-240 effective (meas. date) = 36.079 +/- 2.07%
Approx. U/Pu ratio by fluorescence x-rays equals 2.57 +/- 1.70%
Pu x-ray fluorescence intensity equals 2.4725E+008 +/- 1.0%
Am-241 separated about 17.131 +/- 0.109 years ago
Am/Pu-241 weight ratio = 1.28752 +/- 0.40%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 2:10:23 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.33
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #7 Detector: HRGS_ Total counts: 7.573E+006

Operator:

Pu g/cm2 = 3.7238 Cd g/cm2 = 1.3993 FWHM at 122 keV = 588 eV
QFIT = 1.59 FWHM at 208 keV = 711 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017771	1.5	0.4	0.3444	0.7	1.14704	1.11	1.14704	1.11
Pu-239	1.000000	0.0	1.5	19.3789	1.9	64.54575	0.70	64.54575	0.70
Pu-240	0.427541	1.7	0.8	8.2853	1.0	27.59595	1.16	27.59595	1.16
Pu-241	0.051603	1.4	0.3	1.0000	0.0	3.33073	1.03	3.33073	1.03
Pu-242	(New alg.)			1.0150	(10)	3.38052	(10)	3.38052	(10)
Am-241	0.066083	1.5	0.2	1.2806	0.5	4.26539	1.08	4.26539	1.08
Np-237						1.47576	4.12		
U-235	0.030953	27.8	27.8			1.99790	27.80	1.99790	27.80

Pu-240 effective (meas. date) = 36.166 +/- 2.08%
Approx. U/Pu ratio by fluorescence x-rays equals 2.57 +/- 1.72%
Pu x-ray fluorescence intensity equals 2.4534E+008 +/- 1.0%
Am-241 separated about 17.069 +/- 0.109 years ago
Am/Pu-241 weight ratio = 1.28062 +/- 0.39%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 2:30:07 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #8 Detector: HRGS_ Total counts: 7.569E+006

Operator:

Pu g/cm2 = 3.6707 Cd g/cm2 = 1.4044 FWHM at 122 keV = 590 eV
QFIT = 2.44 FWHM at 208 keV = 714 eV
NQFIT = 1.06

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017872	1.9	0.5	0.3450	1.0	1.15167	1.38	1.15167	1.38
Pu-239	1.000000	0.0	1.8	19.3042	2.9	64.44119	0.87	64.44119	0.87
Pu-240	0.429275	2.1	1.0	8.2868	1.6	27.66300	1.45	27.66300	1.45
Pu-241	0.051802	1.8	0.4	1.0000	0.0	3.33820	1.29	3.33820	1.29
Pu-242	(New alg.)			1.0203	(10)	3.40596	(10)	3.40596	(10)
Am-241	0.066563	1.9	0.3	1.2849	0.8	4.28937	1.34	4.28937	1.34
Np-237						1.40863	4.18		

Pu-240 effective (meas. date) = 36.287 +/- 2.31%
Approx. U/Pu ratio by fluorescence x-rays equals 2.54 +/- 2.11%
Pu x-ray fluorescence intensity equals 2.5007E+008 +/- 1.0%
Am-241 separated about 17.115 +/- 0.127 years ago
Am/Pu-241 weight ratio = 1.28494 +/- 0.49%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 2:50:20 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #9 Detector: HRGS_ Total counts: 7.566E+006

Operator:

Pu g/cm2 = 2.9182 Cd g/cm2 = 1.4049 FWHM at 122 keV = 586 eV
QFIT = 2.35 FWHM at 208 keV = 708 eV
NQFIT = 1.06

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017833	1.8	0.5	0.3450	1.0	1.14785	1.35	1.14785	1.35
Pu-239	1.000000	0.0	1.8	19.3452	2.8	64.36703	0.86	64.36703	0.86
Pu-240	0.431171	2.0	0.9	8.3411	1.5	27.75318	1.41	27.75318	1.41
Pu-241	0.051692	1.8	0.4	1.0000	0.0	3.32728	1.26	3.32728	1.26
Pu-242	(New alg.)			1.0233	(10)	3.40467	(10)	3.40467	(10)
Am-241	0.066381	1.8	0.3	1.2842	0.7	4.27275	1.31	4.27275	1.31
Np-237						1.43164	4.15		
U-235	0.024279	34.9	34.9			1.56276	34.91	1.56276	34.91

Pu-240 effective (meas. date) = 36.366 +/- 2.28%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 2.08%
Pu x-ray fluorescence intensity equals 2.4824E+008 +/- 1.0%
Am-241 separated about 17.097 +/- 0.126 years ago
Am/Pu-241 weight ratio = 1.28416 +/- 0.48%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 3:10:23 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.33
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #10 Detector: HRGS_ Total counts: 7.570E+006

Operator:

Pu g/cm2 = 4.1300 Cd g/cm2 = 1.4029 FWHM at 122 keV = 586 eV
QFIT = 2.06 FWHM at 208 keV = 706 eV
NQFIT = 1.05

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017467	1.7	0.5	0.3446	0.9	1.13123	1.26	1.13123	1.26
Pu-239	1.000000	0.0	1.7	19.7264	2.4	64.76196	0.78	64.76196	0.78
Pu-240	0.424781	1.9	0.9	8.3794	1.4	27.50965	1.31	27.50965	1.31
Pu-241	0.050693	1.6	0.4	1.0000	0.0	3.28301	1.17	3.28301	1.17
Pu-242	(New alg.)			1.0095	(10)	3.31415	(10)	3.31415	(10)
Am-241	0.065024	1.7	0.3	1.2827	0.6	4.21108	1.22	4.21108	1.22
Np-237						1.43564	4.17		

Pu-240 effective (meas. date) = 35.928 +/- 2.18%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 1.95%
Pu x-ray fluorescence intensity equals 2.4327E+008 +/- 1.0%
Am-241 separated about 17.090 +/- 0.119 years ago
Am/Pu-241 weight ratio = 1.28269 +/- 0.45%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 12/22/17 3:29:34 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.0 Mins DT: 13.32
Measurement date: 12/22/17 Declared date:

Sample ID: K00553-2 #11 Detector: HRGS_ Total counts: 7.566E+006

Operator:

Pu g/cm2 = 3.1710 Cd g/cm2 = 1.4038 FWHM at 122 keV = 581 eV
QFIT = 2.19 FWHM at 208 keV = 700 eV
NQFIT = 1.05

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017769	1.8	0.5	0.3458	0.9	1.14369	1.31	1.14369	1.31
Pu-239	1.000000	0.0	1.7	19.4598	2.6	64.36543	0.82	64.36543	0.82
Pu-240	0.431763	1.9	0.9	8.4020	1.4	27.79060	1.37	27.79060	1.37
Pu-241	0.051388	1.7	0.4	1.0000	0.0	3.30761	1.22	3.30761	1.22
Pu-242	(New alg.)			1.0257	(10)	3.39267	(10)	3.39267	(10)
Am-241	0.066157	1.8	0.3	1.2874	0.7	4.25822	1.27	4.25822	1.27
Np-237						1.44193	4.20		
U-235	0.025559	33.3	33.3			1.64512	33.30	1.64512	33.30

Pu-240 effective (meas. date) = 36.372 +/- 2.24%
Approx. U/Pu ratio by fluorescence x-rays equals 2.58 +/- 1.99%
Pu x-ray fluorescence intensity equals 2.4979E+008 +/- 1.0%
Am-241 separated about 17.133 +/- 0.123 years ago
Am/Pu-241 weight ratio = 1.28740 +/- 0.47%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/14/18 11:24:31 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.75
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #1 Detector: HRGS_ Total counts: 7.230E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3875 FWHM at 122 keV =1023 eV
QFIT =26.24 FWHM at 208 keV =1154 eV
NQFIT = 2.14

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.018609	8.7	2.7	0.3755	16.5	1.25404	6.86	1.25404	6.86
Pu-239	1.000000	0.0	8.3	20.1794	43.5	67.38963	4.18	67.38963	4.18
Pu-240	0.369519	10.6	6.6	7.4567	34.8	24.90176	8.12	24.90176	8.12
Pu-241	0.049555	8.1	1.7	1.0000	0.0	3.33952	6.47	3.33952	6.47
Pu-242	(New alg.)			0.9328	(17)	3.11504	(17)	3.11504	(17)
Am-241	0.061252	8.5	1.4	1.2360	11.5	4.12778	6.67	4.12778	6.67
Np-237						0.98411	11.08		
U-235	0.026553	41.9	42.7			1.78937	41.90	1.78937	41.90

Pu-240 effective (meas. date) = 33.295 +/- 8.70%
Approx. U/Pu ratio by fluorescence x-rays equals 4.00 +/- 15.89%
Pu x-ray fluorescence intensity equals 1.9995E+008 +/- 2.9%
Am-241 separated about 16.933 +/- 0.486 years ago
Am/Pu-241 weight ratio = 1.23604 +/- 2.24%

Messages :

Efficiency curvature boundary reached.
Pu-241/Pu-239 efficiency changed in MGACAL by 5%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/14/18 11:41:16 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.77
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #2 Detector: HRGS_ Total counts: 7.263E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3946 FWHM at 122 keV = 711 eV
QFIT = 1.59 FWHM at 208 keV = 815 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017818	1.7	0.5	0.3482	0.8	1.15265	1.22	1.15265	1.22
Pu-239	1.000000	0.0	1.6	19.5416	2.1	64.68964	0.75	64.68964	0.75
Pu-240	0.424611	1.9	0.9	8.2976	1.2	27.46792	1.30	27.46792	1.30
Pu-241	0.051173	1.6	0.3	1.0000	0.0	3.31036	1.14	3.31036	1.14
Pu-242	(New alg.)			1.0209	(10)	3.37943	(10)	3.37943	(10)
Am-241	0.066851	1.7	0.3	1.3064	0.5	4.32456	1.18	4.32456	1.18
Np-237						1.38844	4.67		
U-235	0.042569	21.5	21.5			2.75377	21.47	2.75377	21.47

Pu-240 effective (meas. date) = 36.050 +/- 2.19%
Approx. U/Pu ratio by fluorescence x-rays equals 2.58 +/- 1.96%
Pu x-ray fluorescence intensity equals 2.5675E+008 +/- 1.2%
Am-241 separated about 17.279 +/- 0.114 years ago
Am/Pu-241 weight ratio = 1.30637 +/- 0.42%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/14/18 1:24:07 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.77
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #3 Detector: HRGS_ Total counts: 7.264E+006

Operator:

Pu g/cm2 = 3.7165 Cd g/cm2 = 1.3963 FWHM at 122 keV = 626 eV
QFIT = 1.80 FWHM at 208 keV = 736 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017369	1.7	0.5	0.3464	0.8	1.13282	1.24	1.13282	1.24
Pu-239	1.000000	0.0	1.7	19.9410	2.3	65.22065	0.75	65.22065	0.75
Pu-240	0.415633	1.9	0.9	8.2881	1.3	27.10784	1.31	27.10784	1.31
Pu-241	0.050148	1.6	0.3	1.0000	0.0	3.27068	1.15	3.27068	1.15
Pu-242	(New alg.)			0.9992	(10)	3.26800	(10)	3.26800	(10)
Am-241	0.065180	1.7	0.3	1.2998	0.6	4.25107	1.20	4.25107	1.20
Np-237						1.40556	4.29		
U-235	0.027538	31.8	31.9			1.79606	31.84	1.79606	31.84

Pu-240 effective (meas. date) = 35.453 +/- 2.18%
Approx. U/Pu ratio by fluorescence x-rays equals 2.49 +/- 1.92%
Pu x-ray fluorescence intensity equals 2.5076E+008 +/- 1.1%
Am-241 separated about 17.240 +/- 0.117 years ago
Am/Pu-241 weight ratio = 1.29975 +/- 0.44%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/14/18 1:42:24 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.76
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #4 Detector: HRGS_ Total counts: 7.268E+006

Operator:

Pu g/cm2 = 3.5462 Cd g/cm2 = 1.3980 FWHM at 122 keV = 590 eV
QFIT = 1.71 FWHM at 208 keV = 712 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017854	1.6	0.5	0.3496	0.8	1.15451	1.19	1.15451	1.19
Pu-239	1.000000	0.0	1.6	19.5800	2.1	64.66525	0.74	64.66525	0.74
Pu-240	0.425256	1.8	0.8	8.3265	1.2	27.49930	1.25	27.49930	1.25
Pu-241	0.051073	1.5	0.3	1.0000	0.0	3.30262	1.11	3.30262	1.11
Pu-242	(New alg.)			1.0229	(10)	3.37831	(10)	3.37831	(10)
Am-241	0.066594	1.6	0.3	1.3039	0.5	4.30629	1.16	4.30629	1.16
Np-237						1.43516	4.35		

Pu-240 effective (meas. date) = 36.084 +/- 2.15%
Approx. U/Pu ratio by fluorescence x-rays equals 2.59 +/- 1.81%
Pu x-ray fluorescence intensity equals 2.4792E+008 +/- 1.0%
Am-241 separated about 17.295 +/- 0.114 years ago
Am/Pu-241 weight ratio = 1.30390 +/- 0.42%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/14/18 2:02:05 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.76
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #5 Detector: HRGS_ Total counts: 7.268E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3969 FWHM at 122 keV = 593 eV
QFIT = 1.81 FWHM at 208 keV = 720 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017456	1.7	0.5	0.3462	0.8	1.13103	1.22	1.13103	1.22
Pu-239	1.000000	0.0	1.6	19.8353	2.2	64.79348	0.75	64.79348	0.75
Pu-240	0.424347	1.8	0.8	8.4170	1.2	27.49495	1.27	27.49495	1.27
Pu-241	0.050415	1.6	0.3	1.0000	0.0	3.26658	1.13	3.26658	1.13
Pu-242	(New alg.)			1.0145	(10)	3.31395	(10)	3.31395	(10)
Am-241	0.065428	1.6	0.3	1.2978	0.6	4.23934	1.18	4.23934	1.18
Np-237						1.39147	4.36		
U-235	0.020659	41.9	41.9			1.33855	41.86	1.33855	41.86

Pu-240 effective (meas. date) = 35.913 +/- 2.15%
Approx. U/Pu ratio by fluorescence x-rays equals 2.56 +/- 1.85%
Pu x-ray fluorescence intensity equals 2.4865E+008 +/- 1.0%
Am-241 separated about 17.231 +/- 0.116 years ago
Am/Pu-241 weight ratio = 1.29779 +/- 0.43%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 3%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 2/14/18 2:22:08 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.76
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #6 Detector: HRGS_ Total counts: 7.269E+006

Operator:

Pu g/cm2 = 3.8399 Cd g/cm2 = 1.4003 FWHM at 122 keV = 589 eV
QFIT = 2.27 FWHM at 208 keV = 703 eV
NQFIT = 1.06

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017675	1.9	0.5	0.3483	1.0	1.14200	1.37	1.14200	1.37
Pu-239	1.000000	0.0	1.8	19.7029	2.8	64.61034	0.85	64.61034	0.85
Pu-240	0.427363	2.0	0.9	8.4203	1.5	27.61205	1.43	27.61205	1.43
Pu-241	0.050754	1.8	0.4	1.0000	0.0	3.27922	1.27	3.27922	1.27
Pu-242	(New alg.)			1.0235	(10)	3.35639	(10)	3.35639	(10)
Am-241	0.065987	1.9	0.3	1.3001	0.7	4.26345	1.33	4.26345	1.33
Np-237						1.41429	4.35		

Pu-240 effective (meas. date) = 36.129 +/- 2.29%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 2.09%
Pu x-ray fluorescence intensity equals 2.4805E+008 +/- 1.0%
Am-241 separated about 17.236 +/- 0.127 years ago
Am/Pu-241 weight ratio = 1.30014 +/- 0.48%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 2/14/18 2:43:30 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.75
Measurement date: 2/14/18 Declared date:

Sample ID: K00553-2 #7 Detector: HRGS_ Total counts: 7.265E+006

Operator:

Pu g/cm2 = 2.9666 Cd g/cm2 = 1.4019 FWHM at 122 keV = 591 eV
QFIT = 2.38 FWHM at 208 keV = 710 eV
NQFIT = 1.06

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017802	1.9	0.6	0.3467	1.1	1.14320	1.40	1.14320	1.40
Pu-239	1.000000	0.0	1.9	19.4766	2.9	64.21902	0.88	64.21902	0.88
Pu-240	0.434712	2.1	1.0	8.4667	1.6	27.91680	1.46	27.91680	1.46
Pu-241	0.051344	1.8	0.4	1.0000	0.0	3.29724	1.30	3.29724	1.30
Pu-242	(New alg.)			1.0384	(10)	3.42374	(10)	3.42374	(10)
Am-241	0.067248	1.9	0.3	1.3098	0.8	4.31861	1.36	4.31861	1.36
Np-237						1.49108	4.25		
U-235	0.030125	29.7	29.7			1.93463	29.67	1.93463	29.67

Pu-240 effective (meas. date) = 36.550 +/- 2.32%
Approx. U/Pu ratio by fluorescence x-rays equals 2.57 +/- 2.13%
Pu x-ray fluorescence intensity equals 2.5292E+008 +/- 1.0%
Am-241 separated about 17.314 +/- 0.129 years ago
Am/Pu-241 weight ratio = 1.30976 +/- 0.50%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 2/22/18 11:16:03 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.21
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #1 Detector: HRGS_ Total counts: 6.938E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3862 FWHM at 122 keV =1100 eV
QFIT =13.14 FWHM at 208 keV =1306 eV
NQFIT = 1.56

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.018196	6.4	2.0	0.3562	8.3	1.18679	4.78	1.18679	4.78
Pu-239	1.000000	0.0	6.2	19.5765	22.8	65.22208	3.00	65.22208	3.00
Pu-240	0.412781	7.6	4.5	8.0808	17.0	26.92244	5.53	26.92244	5.53
Pu-241	0.051082	6.1	1.2	1.0000	0.0	3.33165	4.52	3.33165	4.52
Pu-242	(New alg.)			1.0016	(14)	3.33704	(14)	3.33704	(14)
Am-241	0.065292	6.3	1.0	1.2782	5.5	4.25848	4.63	4.25848	4.63
Np-237						1.18434	7.83		

Pu-240 effective (meas. date) = 35.519 +/- 6.25%
Approx. U/Pu ratio by fluorescence x-rays equals 3.71 +/- 11.18%
Pu x-ray fluorescence intensity equals 2.0340E+008 +/- 2.9%
Am-241 separated about 17.101 +/- 0.339 years ago
Am/Pu-241 weight ratio = 1.27819 +/- 1.51%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 6%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 2/22/18 11:35:42 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.24
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #2 Detector: HRGS_ Total counts: 6.969E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3988 FWHM at 122 keV = 688 eV
QFIT = 1.55 FWHM at 208 keV = 787 eV
NQFIT = 1.03

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017482	1.7	0.5	0.3461	0.7	1.13922	1.23	1.13922	1.23
Pu-239	1.000000	0.0	1.6	19.7961	2.1	65.16409	0.74	65.16409	0.74
Pu-240	0.415956	1.9	0.9	8.2343	1.2	27.10538	1.31	27.10538	1.31
Pu-241	0.050515	1.6	0.3	1.0000	0.0	3.29176	1.14	3.29176	1.14
Pu-242	(New alg.)			1.0024	(10)	3.29956	(10)	3.29956	(10)
Am-241	0.066127	1.7	0.3	1.3090	0.5	4.30908	1.19	4.30908	1.19
Np-237						1.37937	4.62		
U-235	0.025643	35.6	35.6			1.67103	35.57	1.67103	35.57

Pu-240 effective (meas. date) = 35.519 +/- 2.19%
Approx. U/Pu ratio by fluorescence x-rays equals 2.52 +/- 1.93%
Pu x-ray fluorescence intensity equals 2.5754E+008 +/- 1.2%
Am-241 separated about 17.323 +/- 0.115 years ago
Am/Pu-241 weight ratio = 1.30905 +/- 0.42%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 1:19:51 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.24
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #3 Detector: HRGS_ Total counts: 6.972E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3994 FWHM at 122 keV = 625 eV
QFIT = 1.65 FWHM at 208 keV = 740 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017841	1.7	0.5	0.3465	0.8	1.14331	1.23	1.14331	1.23
Pu-239	1.000000	0.0	1.7	19.4210	2.2	64.08481	0.77	64.08481	0.77
Pu-240	0.437421	1.9	0.9	8.4951	1.2	28.03206	1.29	28.03206	1.29
Pu-241	0.051491	1.6	0.3	1.0000	0.0	3.29977	1.15	3.29977	1.15
Pu-242	(New alg.)			1.0425	(10)	3.44004	(10)	3.44004	(10)
Am-241	0.067326	1.7	0.3	1.3075	0.5	4.31459	1.19	4.31459	1.19
Np-237						1.42886	4.43		
U-235	0.037998	24.3	24.4			2.43512	24.33	2.43512	24.33

Pu-240 effective (meas. date) = 36.692 +/- 2.19%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 1.86%
Pu x-ray fluorescence intensity equals 2.5638E+008 +/- 1.1%
Am-241 separated about 17.311 +/- 0.115 years ago
Am/Pu-241 weight ratio = 1.30754 +/- 0.43%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 1:38:45 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.24
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #4 Detector: HRGS_ Total counts: 6.977E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4029 FWHM at 122 keV = 596 eV
QFIT = 2.14 FWHM at 208 keV = 724 eV
NQFIT = 1.05

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017446	1.9	0.5	0.3477	1.0	1.13465	1.35	1.13465	1.35
Pu-239	1.000000	0.0	1.8	19.9308	2.7	65.03654	0.82	65.03654	0.82
Pu-240	0.419347	2.0	0.9	8.3579	1.5	27.27285	1.42	27.27285	1.42
Pu-241	0.050174	1.8	0.4	1.0000	0.0	3.26311	1.26	3.26311	1.26
Pu-242	(New alg.)			1.0091	(10)	3.29285	(10)	3.29285	(10)
Am-241	0.065502	1.8	0.3	1.3055	0.7	4.26003	1.31	4.26003	1.31
Np-237						1.38737	4.39		
U-235	0.025829	34.9	34.9			1.67982	34.90	1.67982	34.90

Pu-240 effective (meas. date) = 35.664 +/- 2.27%
Approx. U/Pu ratio by fluorescence x-rays equals 2.50 +/- 2.07%
Pu x-ray fluorescence intensity equals 2.4704E+008 +/- 1.1%
Am-241 separated about 17.292 +/- 0.125 years ago
Am/Pu-241 weight ratio = 1.30551 +/- 0.48%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 1:55:28 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.23
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #5 Detector: HRGS_ Total counts: 6.972E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4001 FWHM at 122 keV = 592 eV
QFIT = 1.80 FWHM at 208 keV = 717 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017711	1.7	0.5	0.3482	0.8	1.14416	1.24	1.14416	1.24
Pu-239	1.000000	0.0	1.7	19.6621	2.3	64.60207	0.77	64.60207	0.77
Pu-240	0.427271	1.9	0.9	8.4010	1.2	27.60261	1.30	27.60261	1.30
Pu-241	0.050859	1.6	0.4	1.0000	0.0	3.28562	1.15	3.28562	1.15
Pu-242	(New alg.)			1.0243	(10)	3.36554	(10)	3.36554	(10)
Am-241	0.066274	1.7	0.3	1.3031	0.6	4.28146	1.21	4.28146	1.21
Np-237						1.44235	4.31		
U-235	0.034627	26.3	26.3			2.23695	26.28	2.23695	26.28

Pu-240 effective (meas. date) = 36.140 +/- 2.18%
Approx. U/Pu ratio by fluorescence x-rays equals 2.53 +/- 1.90%
Pu x-ray fluorescence intensity equals 2.4889E+008 +/- 1.1%
Am-241 separated about 17.272 +/- 0.118 years ago
Am/Pu-241 weight ratio = 1.30309 +/- 0.44%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 2:16:13 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.23
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #6 Detector: HRGS_ Total counts: 6.973E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3998 FWHM at 122 keV = 589 eV
QFIT = 2.17 FWHM at 208 keV = 712 eV
NQFIT = 1.05

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017578	1.9	0.5	0.3455	1.0	1.13793	1.37	1.13793	1.37
Pu-239	1.000000	0.0	1.8	19.6542	2.8	64.73441	0.84	64.73441	0.84
Pu-240	0.424581	2.1	1.0	8.3448	1.5	27.48499	1.44	27.48499	1.44
Pu-241	0.050880	1.8	0.4	1.0000	0.0	3.29367	1.28	3.29367	1.28
Pu-242	(New alg.)			1.0168	(10)	3.34900	(10)	3.34900	(10)
Am-241	0.066423	1.9	0.3	1.3055	0.7	4.29988	1.33	4.29988	1.33
Np-237						1.40495	4.41		
U-235	0.028161	32.2	32.3			1.82299	32.24	1.82299	32.24

Pu-240 effective (meas. date) = 35.979 +/- 2.30%
Approx. U/Pu ratio by fluorescence x-rays equals 2.54 +/- 2.05%
Pu x-ray fluorescence intensity equals 2.5314E+008 +/- 1.0%
Am-241 separated about 17.269 +/- 0.127 years ago
Am/Pu-241 weight ratio = 1.30550 +/- 0.48%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 2:34:42 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.23
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #7 Detector: HRGS_ Total counts: 6.973E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3989 FWHM at 122 keV = 587 eV
QFIT = 2.27 FWHM at 208 keV = 703 eV
NQFIT = 1.06

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017686	1.9	0.6	0.3478	1.0	1.14115	1.41	1.14115	1.41
Pu-239	1.000000	0.0	1.9	19.6668	2.9	64.52392	0.87	64.52392	0.87
Pu-240	0.428994	2.1	1.0	8.4369	1.6	27.68036	1.47	27.68036	1.47
Pu-241	0.050847	1.8	0.4	1.0000	0.0	3.28086	1.31	3.28086	1.31
Pu-242	(New alg.)			1.0283	(10)	3.37371	(10)	3.37371	(10)
Am-241	0.066521	1.9	0.3	1.3082	0.7	4.29216	1.37	4.29216	1.37
Np-237						1.42844	4.40		
U-235	0.036728	24.9	25.0			2.36984	24.91	2.36984	24.91

Pu-240 effective (meas. date) = 36.224 +/- 2.33%
Approx. U/Pu ratio by fluorescence x-rays equals 2.54 +/- 2.12%
Pu x-ray fluorescence intensity equals 2.5114E+008 +/- 1.0%
Am-241 separated about 17.318 +/- 0.129 years ago
Am/Pu-241 weight ratio = 1.30824 +/- 0.50%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 2:54:28 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.23
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #8 Detector: HRGS_ Total counts: 6.977E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3991 FWHM at 122 keV = 585 eV
QFIT = 2.14 FWHM at 208 keV = 700 eV
NQFIT = 1.05

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017517	1.9	0.5	0.3471	1.0	1.13415	1.36	1.13415	1.36
Pu-239	1.000000	0.0	1.8	19.8158	2.7	64.74689	0.83	64.74689	0.83
Pu-240	0.425110	2.0	0.9	8.4239	1.5	27.52457	1.42	27.52457	1.42
Pu-241	0.050465	1.8	0.4	1.0000	0.0	3.26744	1.26	3.26744	1.26
Pu-242	(New alg.)			1.0182	(10)	3.32694	(10)	3.32694	(10)
Am-241	0.065714	1.8	0.3	1.3022	0.7	4.25481	1.31	4.25481	1.31
Np-237						1.41954	4.27		
U-235	0.032449	27.6	27.6			2.10094	27.59	2.10094	27.59

Pu-240 effective (meas. date) = 35.972 +/- 2.28%
Approx. U/Pu ratio by fluorescence x-rays equals 2.49 +/- 2.03%
Pu x-ray fluorescence intensity equals 2.5418E+008 +/- 1.0%
Am-241 separated about 17.263 +/- 0.126 years ago
Am/Pu-241 weight ratio = 1.30218 +/- 0.48%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 3:14:44 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.24
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #9 Detector: HRGS_ Total counts: 6.980E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.4014 FWHM at 122 keV = 590 eV
QFIT = 2.22 FWHM at 208 keV = 707 eV
NQFIT = 1.06

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017377	1.9	0.5	0.3459	1.0	1.12438	1.37	1.12438	1.37
Pu-239	1.000000	0.0	1.8	19.9045	2.8	64.70625	0.84	64.70625	0.84
Pu-240	0.426561	2.0	0.9	8.4905	1.5	27.60117	1.43	27.60117	1.43
Pu-241	0.050240	1.8	0.4	1.0000	0.0	3.25084	1.27	3.25084	1.27
Pu-242	(New alg.)			1.0205	(10)	3.31736	(10)	3.31736	(10)
Am-241	0.065705	1.9	0.3	1.3078	0.7	4.25150	1.33	4.25150	1.33
Np-237						1.45537	4.27		
U-235	0.034236	26.0	26.1			2.21529	26.05	2.21529	26.05

Pu-240 effective (meas. date) = 36.008 +/- 2.29%
Approx. U/Pu ratio by fluorescence x-rays equals 2.56 +/- 2.11%
Pu x-ray fluorescence intensity equals 2.4426E+008 +/- 1.1%
Am-241 separated about 17.314 +/- 0.127 years ago
Am/Pu-241 weight ratio = 1.30782 +/- 0.49%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 2/22/18 3:35:41 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.2 Mins DT: 12.24
Measurement date: 2/22/18 Declared date:

Sample ID: K00553-2 #10 Detector: HRGS_ Total counts: 6.978E+006

Operator:

Pu g/cm2 = 4.9323 Cd g/cm2 = 1.4036 FWHM at 122 keV = 592 eV
QFIT = 1.87 FWHM at 208 keV = 711 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017677	1.7	0.5	0.3479	0.8	1.14018	1.26	1.14018	1.26
Pu-239	1.000000	0.0	1.7	19.6824	2.4	64.50069	0.78	64.50069	0.78
Pu-240	0.429658	1.9	0.9	8.4567	1.3	27.71323	1.32	27.71323	1.32
Pu-241	0.050807	1.7	0.4	1.0000	0.0	3.27708	1.17	3.27708	1.17
Pu-242	(New alg.)			1.0280	(10)	3.36880	(10)	3.36880	(10)
Am-241	0.066183	1.7	0.3	1.3026	0.6	4.26884	1.22	4.26884	1.22
Np-237						1.46905	4.29		
U-235	0.026221	34.5	34.5			1.69128	34.50	1.69128	34.50

Pu-240 effective (meas. date) = 36.246 +/- 2.20%
Approx. U/Pu ratio by fluorescence x-rays equals 2.51 +/- 1.94%
Pu x-ray fluorescence intensity equals 2.4826E+008 +/- 1.1%
Am-241 separated about 17.253 +/- 0.119 years ago
Am/Pu-241 weight ratio = 1.30264 +/- 0.45%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 3/13/18 11:15:09 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.62
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #1 Detector: HRGS_ Total counts: 7.081E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3847 FWHM at 122 keV =1016 eV
QFIT =14.31 FWHM at 208 keV =1070 eV
NQFIT = 1.62

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017351	8.2	2.4	0.3383	10.3	1.10039	5.85	1.10039	5.85
Pu-239	1.000000	0.0	7.9	19.4989	30.3	63.41787	3.76	63.41787	3.76
Pu-240	0.453223	9.1	4.6	8.8374	18.3	28.74243	6.31	28.74243	6.31
Pu-241	0.051285	7.8	1.4	1.0000	0.0	3.25237	5.50	3.25237	5.50
Pu-242	(New alg.)			1.0721	(16)	3.48693	(16)	3.48693	(16)
Am-241	0.069216	8.1	1.1	1.3496	6.6	4.38951	5.66	4.38951	5.66
Np-237						1.30769	9.85		

Pu-240 effective (meas. date) = 37.373 +/- 7.42%
Approx. U/Pu ratio by fluorescence x-rays equals 8.14 +/- 21.15%
Pu x-ray fluorescence intensity equals 1.2091E+008 +/- 5.5%
Am-241 separated about 17.500 +/- 0.382 years ago
Am/Pu-241 weight ratio = 1.34963 +/- 1.74%

Messages :

High side tailing observed : check pole-zero or count rate.
Pu-241/Pu-239 efficiency changed in MGACAL by 6%.
FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 3/13/18 11:32:29 AM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.53
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #2 Detector: HRGS_ Total counts: 7.094E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3948 FWHM at 122 keV = 730 eV
QFIT = 1.11 FWHM at 208 keV = 837 eV
NQFIT = 1.01

						Isotope analysis at			
Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017823	1.5	0.4	0.3505	0.5	1.15590	1.05	1.15590	1.05
Pu-239	1.000000	0.0	1.4	19.6652	1.5	64.85472	0.64	64.85472	0.64
Pu-240	0.421416	1.6	0.8	8.2872	0.9	27.33079	1.13	27.33079	1.13
Pu-241	0.050851	1.4	0.3	1.0000	0.0	3.29795	0.98	3.29795	0.98
Pu-242	(New alg.)			1.0190	(10)	3.36063	(10)	3.36063	(10)
Am-241	0.066723	1.4	0.2	1.3121	0.4	4.32730	1.02	4.32730	1.02
Np-237						1.37994	4.60		
U-235	0.033994	26.8	26.9			2.20469	26.85	2.20469	26.85

Pu-240 effective (meas. date) = 35.890 +/- 2.05%
Approx. U/Pu ratio by fluorescence x-rays equals 2.49 +/- 1.70%
Pu x-ray fluorescence intensity equals 2.5669E+008 +/- 1.3%
Am-241 separated about 17.353 +/- 0.101 years ago
Am/Pu-241 weight ratio = 1.31212 +/- 0.35%

Messages :

FWHM of the low energy detector > 700 eV.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 3/13/18 1:14:12 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.56
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #3 Detector: HRGS_ Total counts: 7.107E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3997 FWHM at 122 keV = 630 eV
QFIT = 1.50 FWHM at 208 keV = 743 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017523	1.6	0.5	0.3472	0.7	1.13666	1.15	1.13666	1.15
Pu-239	1.000000	0.0	1.5	19.8138	1.9	64.86755	0.70	64.86755	0.70
Pu-240	0.422311	1.7	0.8	8.3676	1.1	27.39426	1.21	27.39426	1.21
Pu-241	0.050470	1.5	0.3	1.0000	0.0	3.27386	1.07	3.27386	1.07
Pu-242	(New alg.)			1.0164	(10)	3.32766	(10)	3.32766	(10)
Am-241	0.066300	1.6	0.2	1.3137	0.5	4.30075	1.11	4.30075	1.11
Np-237						1.39553	4.34		
U-235	0.018819	47.0	47.0			1.22075	46.99	1.22075	46.99

Pu-240 effective (meas. date) = 35.849 +/- 2.11%
Approx. U/Pu ratio by fluorescence x-rays equals 2.53 +/- 1.76%
Pu x-ray fluorescence intensity equals 2.5152E+008 +/- 1.1%
Am-241 separated about 17.347 +/- 0.110 years ago
Am/Pu-241 weight ratio = 1.31366 +/- 0.40%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 3/13/18 1:31:35 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.55
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #4 Detector: HRGS_ Total counts: 7.110E+006

Operator:

Pu g/cm2 = 4.9551 Cd g/cm2 = 1.3962 FWHM at 122 keV = 579 eV
QFIT = 1.41 FWHM at 208 keV = 697 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017425	1.5	0.4	0.3477	0.6	1.13123	1.08	1.13123	1.08
Pu-239	1.000000	0.0	1.4	19.9518	1.7	64.91886	0.66	64.91886	0.66
Pu-240	0.421962	1.6	0.7	8.4189	1.0	27.39326	1.13	27.39326	1.13
Pu-241	0.050121	1.4	0.3	1.0000	0.0	3.25379	1.01	3.25379	1.01
Pu-242	(New alg.)			1.0151	(10)	3.30286	(10)	3.30286	(10)
Am-241	0.065696	1.5	0.2	1.3107	0.5	4.26489	1.05	4.26489	1.05
Np-237						1.47584	4.19		

Pu-240 effective (meas. date) = 35.793 +/- 2.04%
Approx. U/Pu ratio by fluorescence x-rays equals 2.55 +/- 1.66%
Pu x-ray fluorescence intensity equals 2.4434E+008 +/- 1.0%
Am-241 separated about 17.345 +/- 0.106 years ago
Am/Pu-241 weight ratio = 1.31075 +/- 0.38%

Messages :

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 3/13/18 1:51:32 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.56
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #5 Detector: HRGS_ Total counts: 7.113E+006

Operator:

Pu g/cm2 = 3.9783 Cd g/cm2 = 1.3999 FWHM at 122 keV = 580 eV
QFIT = 1.97 FWHM at 208 keV = 700 eV
NQFIT = 1.04

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017700	1.8	0.5	0.3465	0.9	1.14157	1.29	1.14157	1.29
Pu-239	1.000000	0.0	1.7	19.5765	2.5	64.49632	0.80	64.49632	0.80
Pu-240	0.429138	1.9	0.9	8.4010	1.3	27.67781	1.35	27.67781	1.35
Pu-241	0.051082	1.7	0.4	1.0000	0.0	3.29458	1.20	3.29458	1.20
Pu-242	(New alg.)			1.0289	(10)	3.38972	(10)	3.38972	(10)
Am-241	0.067120	1.8	0.3	1.3140	0.6	4.32899	1.25	4.32899	1.25
Np-237						1.46018	4.21		
U-235	0.027127	33.5	33.5			1.74958	33.46	1.74958	33.46

Pu-240 effective (meas. date) = 36.249 +/- 2.23%
Approx. U/Pu ratio by fluorescence x-rays equals 2.47 +/- 1.94%
Pu x-ray fluorescence intensity equals 2.5352E+008 +/- 1.0%
Am-241 separated about 17.347 +/- 0.120 years ago
Am/Pu-241 weight ratio = 1.31398 +/- 0.45%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 2%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** MGA REPORT *****
****

Report generated on: 3/13/18 2:11:38 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.55
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #6 Detector: HRGS_ Total counts: 7.111E+006

Operator:

Pu g/cm2 = 3.5012 Cd g/cm2 = 1.3994 FWHM at 122 keV = 579 eV
QFIT = 1.57 FWHM at 208 keV = 699 eV
NQFIT = 1.03

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017594	1.6	0.4	0.3494	0.7	1.13816	1.14	1.13816	1.14
Pu-239	1.000000	0.0	1.5	19.8597	1.9	64.69144	0.70	64.69144	0.70
Pu-240	0.426158	1.7	0.8	8.4634	1.1	27.56877	1.19	27.56877	1.19
Pu-241	0.050353	1.5	0.3	1.0000	0.0	3.25742	1.06	3.25742	1.06
Pu-242	(New alg.)			1.0266	(10)	3.34421	(10)	3.34421	(10)
Am-241	0.066281	1.5	0.2	1.3163	0.5	4.28782	1.11	4.28782	1.11
Np-237						1.43347	4.19		
U-235	0.026439	33.7	33.8			1.71037	33.73	1.71037	33.73

Pu-240 effective (meas. date) = 36.055 +/- 2.09%
Approx. U/Pu ratio by fluorescence x-rays equals 2.58 +/- 1.74%
Pu x-ray fluorescence intensity equals 2.4461E+008 +/- 1.0%
Am-241 separated about 17.377 +/- 0.111 years ago
Am/Pu-241 weight ratio = 1.31632 +/- 0.40%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1

****
***** M G A R E P O R T *****
****

Report generated on: 3/13/18 2:32:34 PM

MGA version: MGA V9.63F CI

Spectrum ID: HRGS_C Sens : 30.0% LT: 13.1 Mins DT: 12.55
Measurement date: 3/13/18 Declared date:

Sample ID: K00553-2 #7 Detector: HRGS_ Total counts: 7.109E+006

Operator:

Pu g/cm2 = 5.0000 Cd g/cm2 = 1.3986 FWHM at 122 keV = 582 eV
QFIT = 1.42 FWHM at 208 keV = 706 eV
NQFIT = 1.02

Isotope	Relative to Pu-239	%* Err	% Err	Relative to Pu-241	%* Err	Isotope analysis at Meas. date % weight	%Err	Decl. date % weight	%Err
Pu-238	0.017649	1.5	0.4	0.3488	0.6	1.14114	1.08	1.14114	1.08
Pu-239	1.000000	0.0	1.4	19.7622	1.8	64.65620	0.67	64.65620	0.67
Pu-240	0.426561	1.6	0.7	8.4298	1.0	27.57981	1.13	27.57981	1.13
Pu-241	0.050602	1.4	0.3	1.0000	0.0	3.27170	1.01	3.27170	1.01
Pu-242	(New alg.)			1.0243	(10)	3.35114	(10)	3.35114	(10)
Am-241	0.066109	1.5	0.2	1.3065	0.5	4.27438	1.05	4.27438	1.05
Np-237						1.47957	4.16		
U-235	0.030620	29.0	29.1			1.97980	29.06	1.97980	29.06

Pu-240 effective (meas. date) = 36.085 +/- 2.05%
Approx. U/Pu ratio by fluorescence x-rays equals 2.56 +/- 1.68%
Pu x-ray fluorescence intensity equals 2.4214E+008 +/- 1.0%
Am-241 separated about 17.309 +/- 0.106 years ago
Am/Pu-241 weight ratio = 1.30647 +/- 0.38%

Messages :

Pu-241/Pu-239 efficiency changed in MGACAL by 1%.

Notes : * = Error in ratio
Errors quoted at 1.000 sigma
MGA sigma defaulted to 1