

F1 Issues

As of 16 September, 2014
Nuclear Regulation Authority (NRA), Japan

Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 from 7 to 14 September are shown in the following tables. All radionuclides (i.e., Cs-134, Cs-137, total Beta and H-3) remained low and stable in the period.

The following URL of the NRA website leads to details of monitoring results:

http://radioactivity.nsr.go.jp/en/contents/9000/8893/24/Sea_Area_Monitoring_20140916.pdf



1.1km northern point (T-1) from the outlet for Reactor Units 1 to 4

Sampling Date in 2014	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
7 September	ND(0.62)	2.3	–	–
8 September	ND(0.66)	ND(0.69)	11	3.7
9 September	ND(0.63)	ND(0.76)	–	–
10 September	ND(0.72)	ND(0.75)	–	–
11 September	ND(0.72)	ND(0.90)	–	–
12 September	ND(0.54)	ND(0.68)	–	–
13 September	ND(0.81)	ND(0.60)	–	–
14 September	ND(0.78)	ND(0.56)	–	–

1.3km southern point (T-2-1) from the outlet for Reactor Units 1 to 4

Sampling Date in 2014	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
7 September	ND(0.92)	1.4	11	–
8 September	0.94	3.7	13	4.5
9 September	ND(0.53)	0.78	11	–
10 September	ND(0.54)	ND(0.53)	9.7	–
11 September	ND(0.60)	ND(0.68)	12	–
12 September	ND(0.54)	ND(0.68)	15	–
13 September	ND(0.68)	ND(0.75)	10	–
14 September	ND(0.52)	ND(0.68)	15	–

ND: Under the limit of detection

Cooperative Activities with the IAEA on Marine Monitoring

Two IAEA experts visited Japan from 8 to 14 September 2014 and collected water samples from the sea at five locations near TEPCO's Fukushima Daiichi Nuclear Power Station, together with staff from NRA and the Ministry of Foreign Affairs.

Water samples collected were shared between the IAEA Environment Laboratories and Japanese laboratories, to be analysed independently by each.



Collection of sea water samples

(Photos were taken by NRA)