

F1 Issues

As of 12 November, 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 2 to 8 November are shown in the following table. All radionuclides (i.e., Cs-134, Cs-137, total Beta and H-3) remained low and stable in the period.

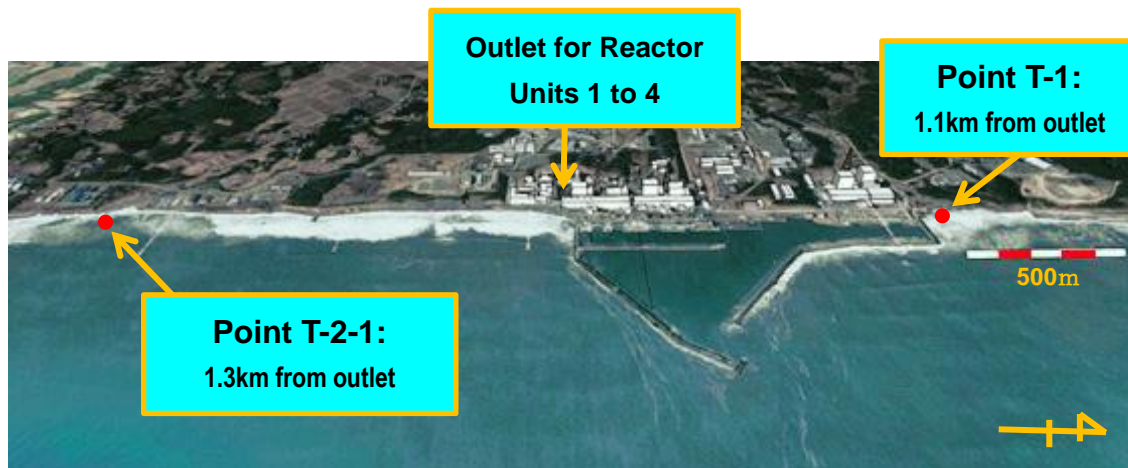
The following URL of the NRA website leads to details of monitoring results:

http://radioactivity.nsr.go.jp/en/contents/10000/9107/24/Sea_Area_Monitoring_20141111.pdf

Sampling Date in 2014	Cs-134 (Bq/L)		Cs-137 (Bq/L)		Total Beta (Bq/L)		H-3 (Bq/L)	
	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1
2 Nov.	ND	ND	1.2	1.6	–	13	–	–
3 Nov.	ND	ND	ND	1.3	14	7.4	ND	ND
4 Nov.	ND	ND	ND	ND	–	7.3	–	–
5 Nov.	ND	ND	1.3	ND	–	13	–	–
6 Nov.	ND	ND	1.4	ND	–	9.2	–	–
7 Nov.	No samples due to bad weather							
8 Nov.	ND	ND	ND	ND	–	11	–	–

ND: Under the limit of detection

(less than 1Bq/L for Cs-134/Cs-137; 5Bq/L for Total Beta; and 3Bq/L for H-3)



Cooperative Activities with the IAEA on Marine Monitoring

Two experts from IAEA Monaco Marine Environmental Laboratories (IAEA-MEL) visited Japan from 4 to 7 November 2014 and presented the results of the inter-laboratory comparison of seawater samples collected in September 2014 in the coastal waters near the Fukushima Daiichi Nuclear Power Station as well as a proficiency test conducted with 30 laboratories worldwide. They said that the inter-laboratory comparison showed a high level of accuracy of the data received from Japan's laboratories.

The following URL leads to the details of IAEA's announcement:

<http://www.iaea.org/newscenter/news/comparative-results-sea-water-analysis-show-high-accuracy-japanese-laboratories>

On 5 and 6 November the IAEA experts, together with staff from the NRA, collected water samples from the sea at the same five locations near TEPCO's Fukushima Daiichi Nuclear Power Station where water samples were previously collected on 12 and 13 September to be analyzed independently by IAEA-MEL and Japanese laboratories.



Collection of sea water samples