

F1 Issues

As of 11 December, 2013
Nuclear Regulation Authority (NRA), Japan

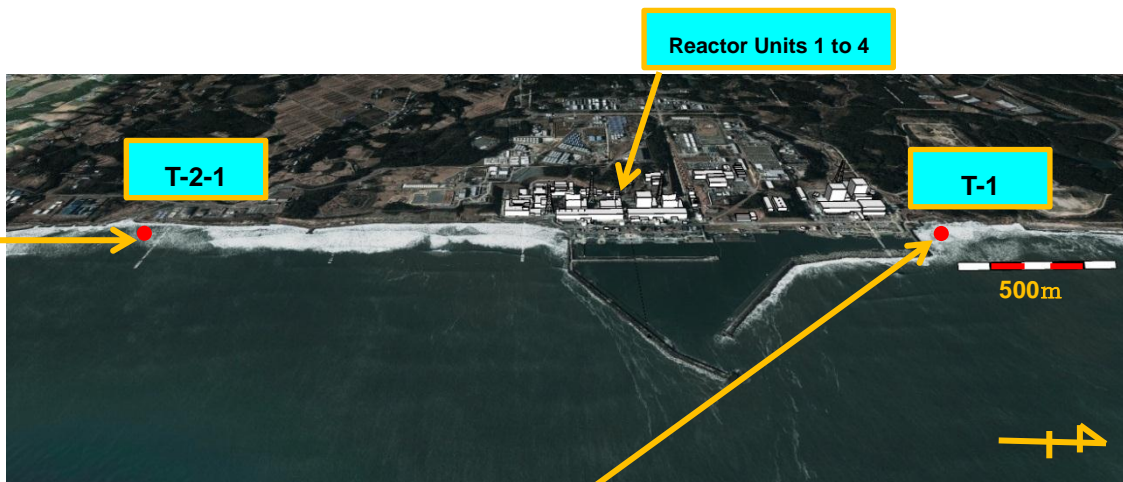
Current Information on Radioactivity in Seawater

The sampling points T-1 and T-2-1 near Fukushima Daiichi Nuclear Power Station are sentinels to assess effects on the environment by incidents including a leakage of contaminated water. The Nuclear Regulation Authority has been closely watching the results of TEPCO's daily monitoring of seawater at these sampling points.

The concentrations of all radionuclides (i.e., Cs-134, Cs-137, total Beta and H-3) were relatively stable from 2 to 8 December at the sampling points T-1 and T-2-1 as shown in the following tables.

The following URL leads to details of monitoring results:

[http://radioactivity.nsr.go.jp/en/contents/8000/7714/24/Sea-monitoring\(20131210\).pdf](http://radioactivity.nsr.go.jp/en/contents/8000/7714/24/Sea-monitoring(20131210).pdf)



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

Sampling Date in 2013	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
2 December	ND(1.2)	ND(1.4)	ND(17)	ND(1.7)
3 December	1.5	3.4	–	–
4 December	ND(1.9)	ND(1.6)	–	–
5 December	ND(1.4)	ND(1.4)	–	–
6 December	ND(1.2)	ND(1.2)	–	–
7 December	ND(0.98)	1.9	–	–
8 December	ND(1.4)	ND(1.4)	–	–

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

Sampling Date in 2013	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
2 December	ND(1.2)	ND(1.4)	ND(18)	ND(1.7)
3 December	ND(1.2)	ND(1.3)	ND(17)	–
4 December	ND(1.9)	ND(1.6)	ND(17)	–
5 December	ND(1.4)	ND(1.4)	ND(17)	–
6 December	ND(1.2)	ND(1.2)	ND(17)	–
7 December	ND(0.98)	ND(1.1)	ND(18)	–
8 December	ND(1.4)	ND(1.4)	ND(18)	–

Cooperative Activities with the IAEA on Marine Monitoring

Background

In early October 2013, an agreement on cooperation of marine monitoring was reached at the meeting with Dr. Shunichi Tanaka, Chairman of the Nuclear Regulation Authority (NRA) and Mr. Yukiya Amano, Director General of the IAEA.

Cooperative Activities

- In the period from 6 to 12 November 2013, two IAEA experts of marine monitoring arrived in Japan to exchange information with Japanese organizations including the NRA and Fisheries Agency, to observe the TEPCO's seawater sampling on shipboard, and to visit TEPCO's Analysis Facility in Fukushima Daiichi Nuclear Power Station.



The IAEA experts observe the seawater sampling near Fukushima Daiichi NPS on shipboard on 7 November.

The following URL leads to video information on the IAEA experts' observation of the seawater sampling on shipboard:

<https://www.youtube.com/watch?v=LF2ctXD8uTo>

- In the period from 25 November to 4 December 2013, one expert of marine monitoring, the IAEA arrived in Japan again in the framework of "IAEA International Peer Review Mission on Mid-and Long-Term Roadmap towards the Decommissioning of TEPCO's Fukushima Daiichi Nuclear Power Station Units 1-4" for the purposes of further information exchange and site visit to Japan Chemical Analysis Center in Chiba.



The IAEA experts visit Japan Chemical Analysis Center on 26 November.

Acknowledgement and Advice

Through the above-described activities by the IAEA experts, points of acknowledgement and advice were provided to the NRA regarding the current marine monitoring system and information dissemination on monitoring results.

The following URL leads to the preliminary summary report by the IAEA Peer Review Mission Team, including the above-described points of acknowledgement and advice:

<http://www.iaea.org/newscenter/focus/fukushima/missionreport041213.pdf>