

F1 Issues

As of 3 June, 2015
Nuclear Regulation Authority (NRA), Japan

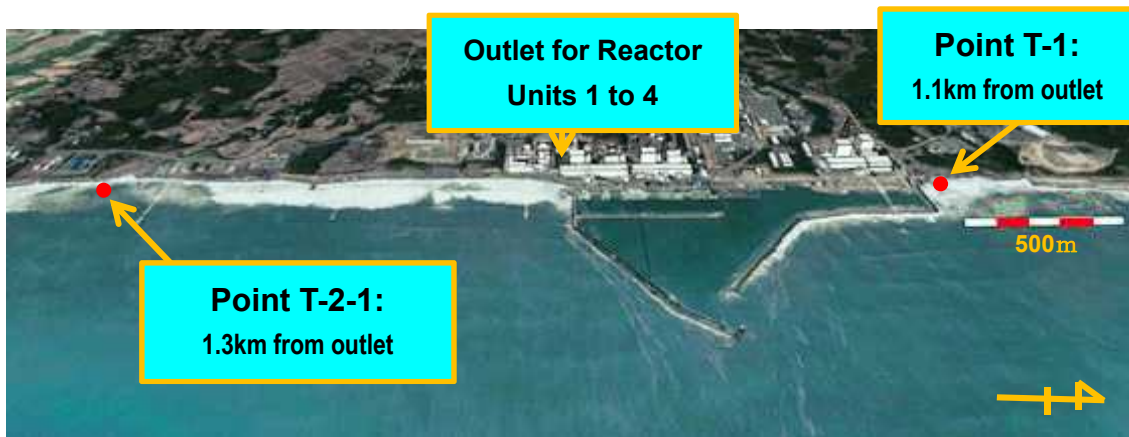
Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 from 24 to 31 May 2015 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/10000/9841/24/Sea_Area_Monitoring_20150602.pdf

Sampling Date	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
24 May	ND	ND	ND	ND	–	11	–	–
25 May	ND	ND	ND	ND	14	11	ND	ND
26 May	ND	ND	ND	ND	–	15	–	–
27 May	ND	ND	ND	ND	–	10	–	–
28 May	ND	ND	ND	ND	–	15	–	–
29 May	ND	ND	ND	ND	–	9.4	–	–
30 May	ND	ND	ND	ND	–	17	–	–
31 May	ND	ND	ND	ND	–	9.0	–	–

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)
*Total Beta includes K-40 occurring naturally in seawater.



Cooperative Activities with the IAEA on Marine Monitoring

An international team consisting of two IAEA experts and two experts from the network of Analytical Laboratories for the Measurement of Environmental Radioactivity (ALMERA) visited Japan from 18 to 25 May 2015 to collect water and sediment samples from the sea near TEPCO's Fukushima Daiichi Nuclear Power Station.

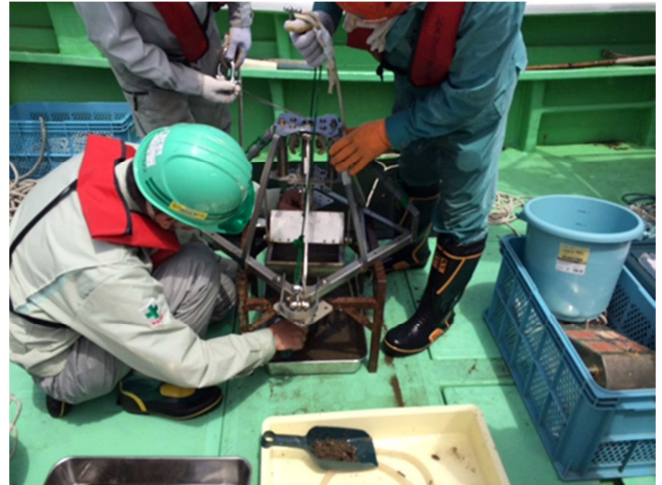
The mission follows two previous visits by IAEA experts in 2014 as described in F1 Issues dated 16 September and 12 November 2014.

The following URL leads to the press release by the IAEA;

<https://www.iaea.org/newscenter/pressreleases/third-iaea-led-expert-visit-collect-marine-samples-offshore-fukushima>



Experts on board the sampling vessel



Collection of sediment samples



Pre-processing of sediment required for the analysis

No Change in Radioactivity in Seawater Observed Outside of the Port Following a Leakage Incident at TEPCO's Fukushima Daiichi NPS

On 3 June 2015, the NRA Commission Meeting received updates on the incident at TEPCO's Fukushima Daiichi NPS that was initially reported to the NRA on 29 May 2015. The report delineates the incident in which contaminated water was found near a drainage. Since the drainage leads to the port which is outside of the controlled area of the plant, TEPCO is legally obliged to report this incident to the NRA.

In the Meeting, the NRA confirmed that the incident had no impact on the outside of the port. The NRA will continue to be vigilant about TEPCO's cause-finding and prevention measures.