

F1 Issues

As of 25 February, 2015
Nuclear Regulation Authority (NRA), Japan

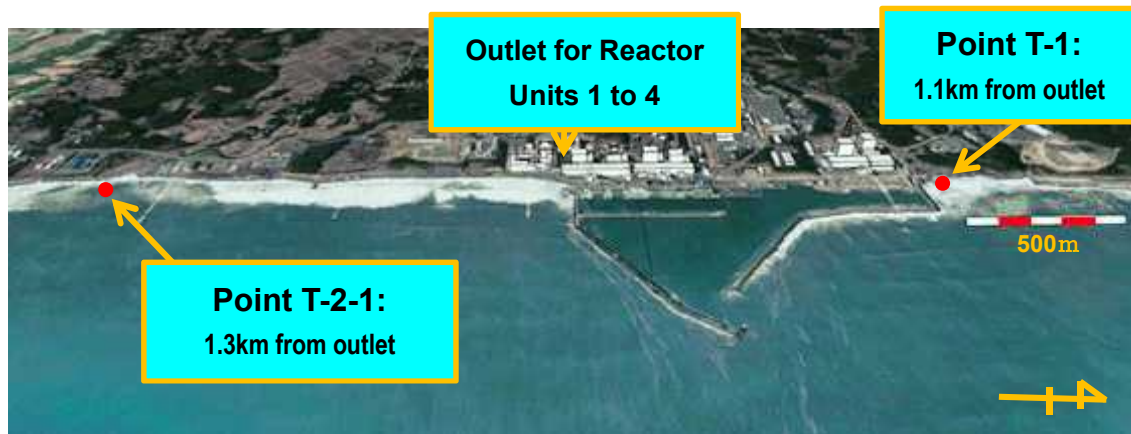
Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 from 15 to 22 February 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/10000/9484/24/Sea_Area_Monitoring_20150224.pdf

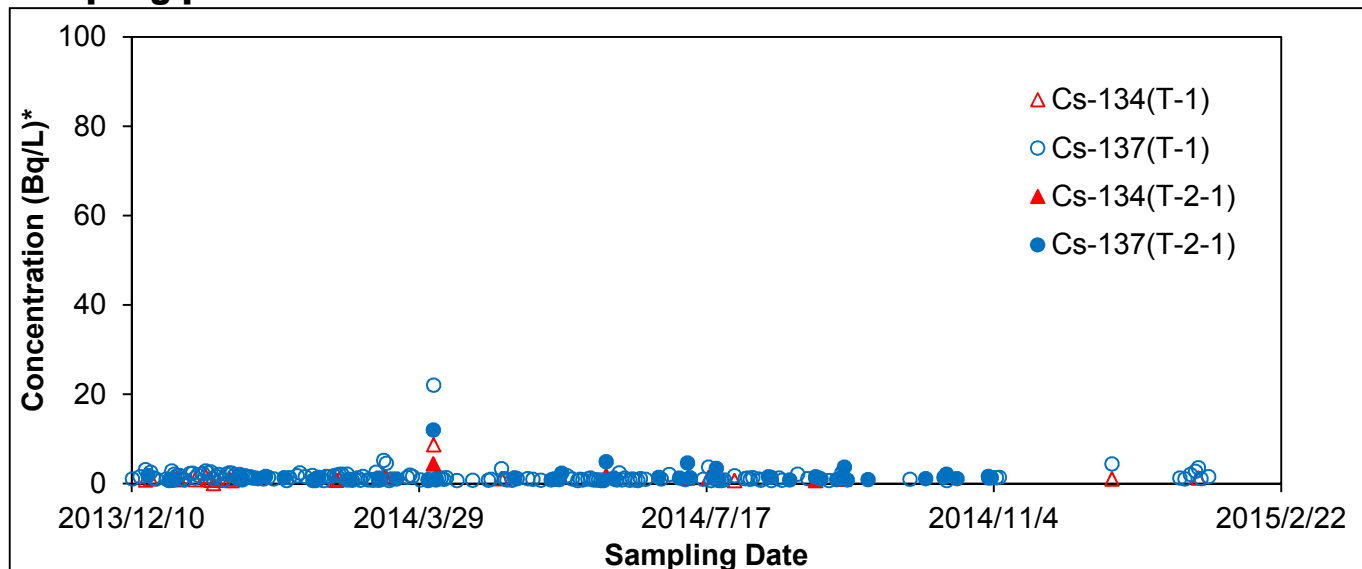
Sampling Date	Cs-134 (Bq/L)		Cs-137 (Bq/L)		*Total Beta (Bq/L)		H-3 (Bq/L)	
	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1
15 Feb.	ND	ND	ND	ND	–	14	–	–
16 Feb.	ND	ND	ND	ND	13	12	ND	ND
17 Feb.	ND	ND	ND	ND	–	16	–	–
18 Feb.	No sampels due to bad weather							
19 Feb.	No sampels due to bad weather							
20 Feb.	No sampels due to bad weather							
21 Feb.	No sampels due to bad weather							
22 Feb.	No sampels due to bad weather							

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.



The concentrations of Cs-134 and Cs-137 monitored at the sampling points T-1 and T-2-1 from 10 December 2013 to 22 February 2015 are shown in the following figure. The values under the limit of detection are not plotted on the figure. Seawater samples are taken every day except for days of bad weather.

Sampling points: T-1 and T-2-1



*The scale is set taking into account the limit values of concentrations (e.g., 60 Bq/L for Cs-134, 90 Bq/L for Cs-137, 60,000 Bq/L for H-3) in water for release of radioactive materials from a nuclear facility to the environment, which have been based on Japan's Act on the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors as well as the standpoints of International Commission on Radiological Protection (ICRP).

Report from TEPCO on 22 February Regarding Possible Flow of Contaminated Water

As delineated in the news release dated 25 February 2015, the NRA received a report from TEPCO required by law, regarding the possible flow of contaminated water to the outside of the controlled area at Fukushima Daiichi Nuclear Power Station.

The following URL of the NRA website leads to the news release:

<http://www.nsr.go.jp/data/000098312.pdf>

Information on radioactivity in seawater from 23 February will be covered in the next **"F1 Issues"**.