

F1 Issues

As of 29 October, 2014
Nuclear Regulation Authority (NRA), Japan

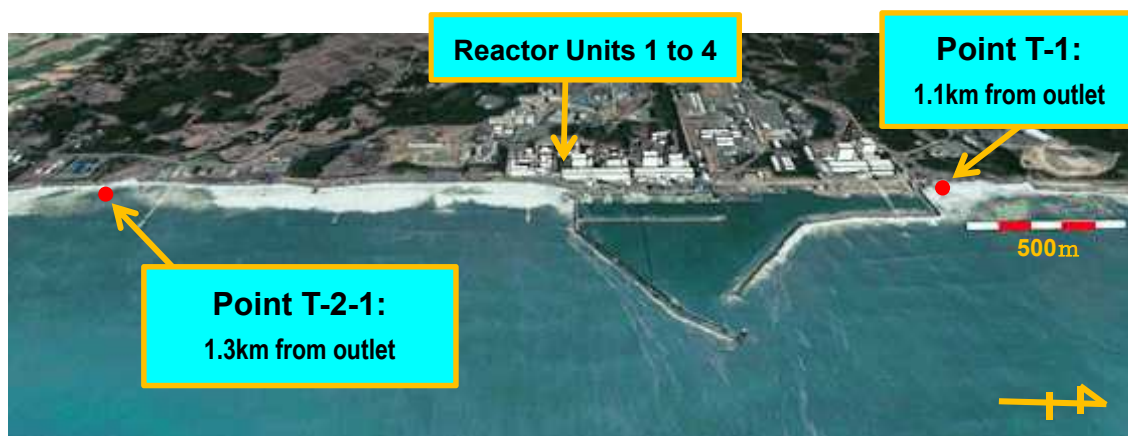
Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 from 19 to 25 October 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/10000/9048/24/Sea_Area_Monitoring_20141028.pdf

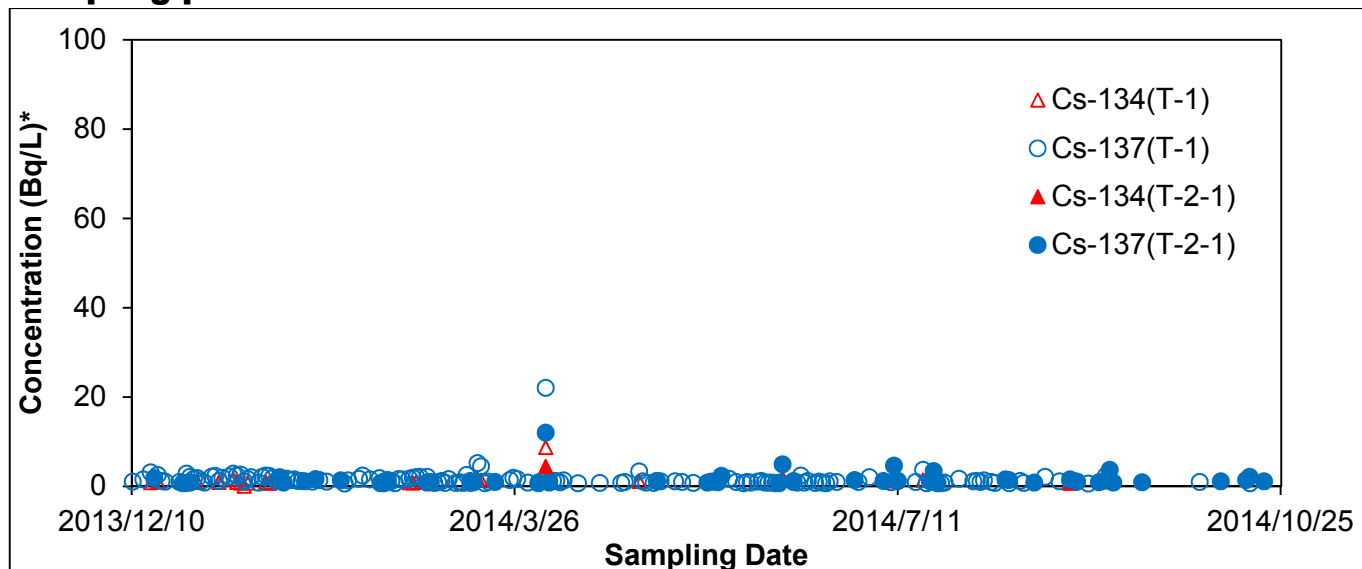
Sampling Date in 2014	Cs-134 (Bq/L)		Cs-137 (Bq/L)		Total Beta (Bq/L)		H-3 (Bq/L)	
	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1
19 Oct.	ND	ND	ND	ND	–	13	–	–
20 Oct.	ND	ND	ND	ND	13	14	ND	ND
21 Oct.	ND	ND	ND	1.1	–	11	–	–
22 Oct.	ND	ND	ND	ND	–	10	–	–
23 Oct.	ND	ND	ND	ND	–	15	–	–
24 Oct.	No samples due to bad weather.							
25 Oct.	No samples 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)



The concentrations of Cs-134 and Cs-137 monitored at the sampling points T-1 and T-2-1 from 10 December 2013 to 25 October 2014 are shown in the following figure. The values under the limit of detection and values less than 1 Bq/L on and after 19 October 2014 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).