

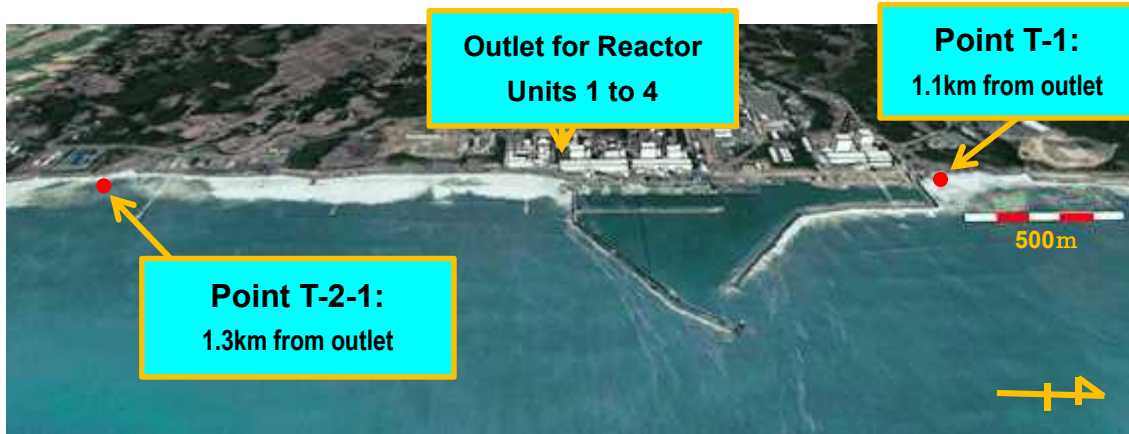
# F1 Issues

As of 26 April, 2016  
Nuclear Regulation Authority (NRA), Japan

## Current Information on Radioactivity in Seawater

Sampling Date	Cs-134 (Bq/L)		Cs-137 (Bq/L)		H-3 (Bq/L)		*Total Beta (Bq/L)	
	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1	T-1	T-2-1
17 Apr.	No samples due to bad weather							
18 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 3.0	13	10
19 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	14
20 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	10
21 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	13
22 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	11
23 Apr.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	9.0

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



Concentrations of Cs-134, Cs-137, H-3 and total Beta remained low.  
Details of monitoring results are indicated in the following URL:

<http://radioactivity.nsr.go.jp/en/list/295/list-1.html>

Leakage of Contaminated Water up to 2.7L Reported by TEPCO. No Impact on the Environment.

On 20 April 2016, TEPCO reported to the NRA regarding a leakage of contaminated water found in the tank area. The leakage was found in a limited area which is approximately 70 meters away from the nearest drainage, and the possibility of flowing into the ocean is ruled out, so there is no impact on the environment. Leakage to the ground

was stopped after the transfer of contaminated water through the pipes was stopped, and measures were taken at the point of leakage. Analysis of the leaked water showed values above the limit values of concentrations of radionuclides, thus leading to the legally obliged report by TEPCO to the NRA. The maximum amount of leakage estimated by TEPCO is 2.7 litres.

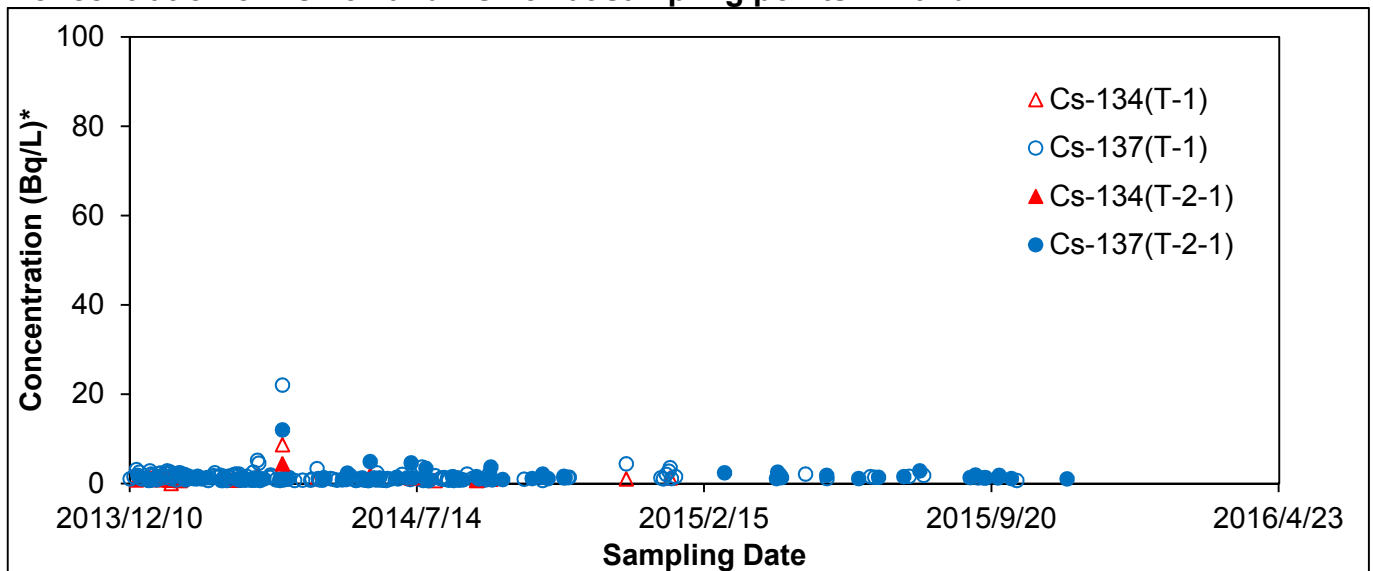
The NRA will continue to be vigilant about TEPCO's cause-finding and prevention measures.

**TEPCO's Analysis of the Leaked Contaminated Water**

- ◆ Cs-134: 1,100 Bq/L (Limit Value: 60 Bq/L)
- ◆ Cs-137: 5,100 Bq/L (Limit Value: 90 Bq/L)

(As a reference, Total Beta was 260,000 Bq/L. No Limit Value for Total Beta. Limit Value for Sr-90 is 30 Bq/L)

**Concentration of Cs-134 and Cs-137 at sampling points T-1 and T2-1**



\* 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) 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).