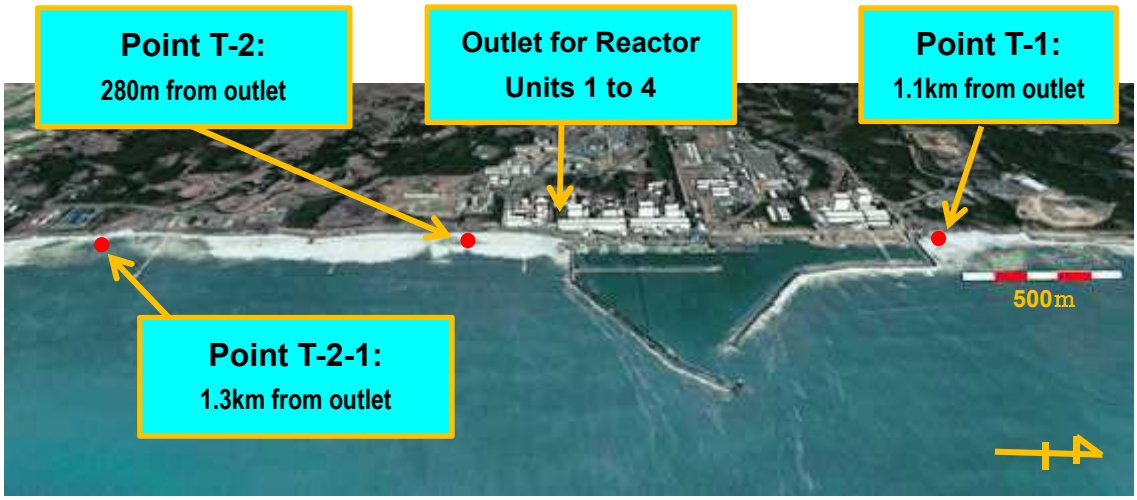
F1 Issues

As of 28 March 2017
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)		*Gross Beta (Bq/L)	
	T-1	**T-2	T-1	**T-2	T-1	**T-2	T-1	**T-2
19 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	17
20 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	< 3.0	< 3.0	9.5	9.7
21 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	15
22 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	16
23 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	10
24 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	14
25 Mar.	< 1.0	< 1.0	< 1.0	< 1.0	–	–	–	9.0

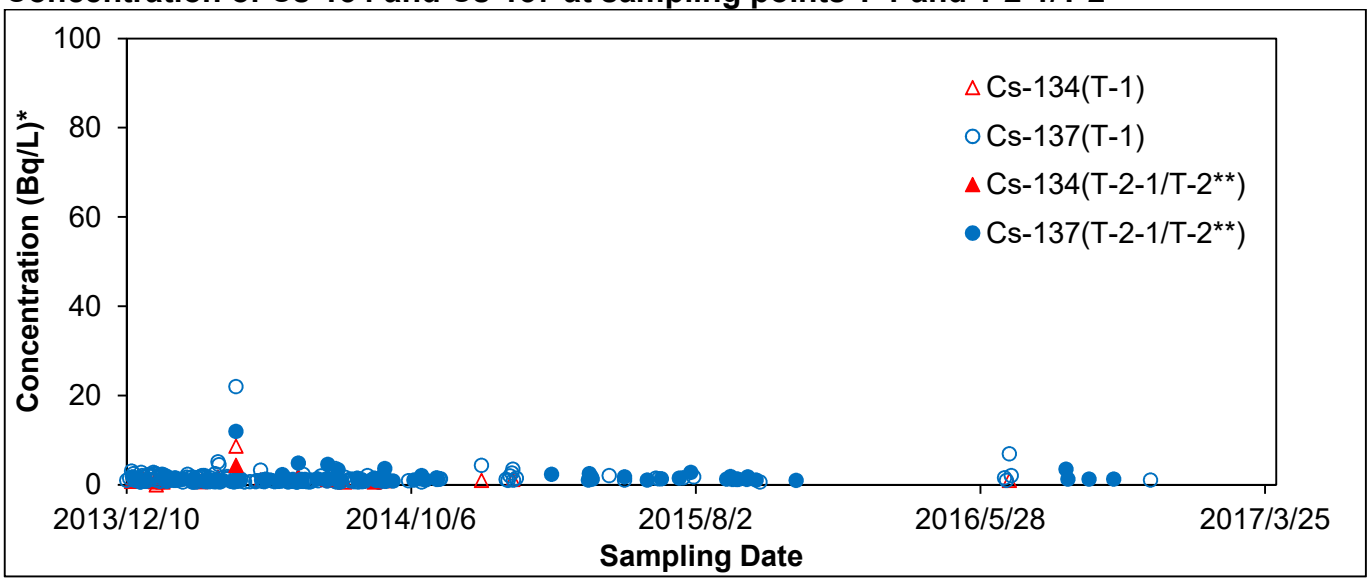
*Gross Beta includes K-40 occurring naturally in seawater.
**Under the Comprehensive Radiation Monitoring Plan, it is planned to conduct sampling at T-2-1. However, sampling at T-2-1 was replaced by sampling at T-2 on/after 13 September 2016, because the road access to T-2-1 had been damaged by typhoon. Furthermore, T-2 was moved from 330m to 280m south of the outlet for Reactor Units 1 to 4, on 27 January 2017 and sampling has been conducted at the new location since that day.
Reference: “Comprehensive Radiation Monitoring Plan”
URL: http://radioactivity.nsr.go.jp/en/list/274/list-1.html



Concentrations of Cs-134, Cs-137, H-3 and Gross Beta remained low.

Details of past monitoring results (updated monthly) are opened to the public via the following URL:
http://radioactivity.nsr.go.jp/en/list/295/list-1.html

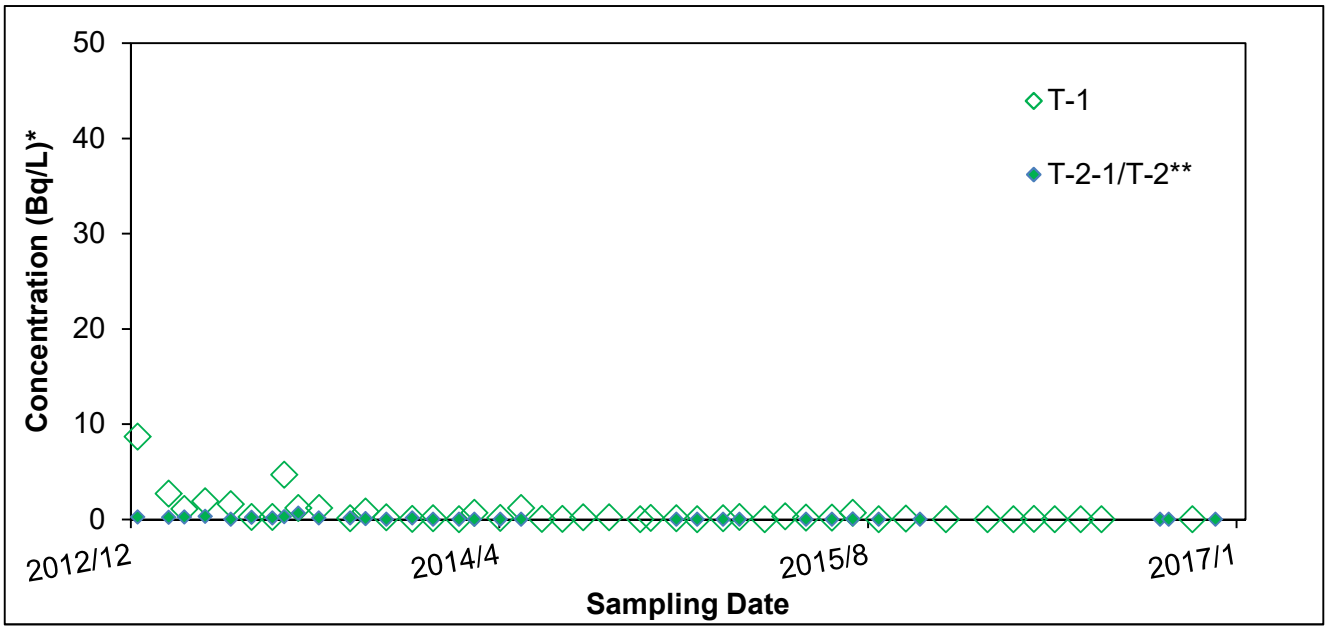
Concentration of Cs-134 and Cs-137 at sampling points T-1 and T-2-1/T-2**



* 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).

** T-2-1 was replaced by T-2 on 13 September 2016 because the access road to T-2-1 had been damaged by typhoon. On 27January 2017, T-2 was moved from 330m to 280m south of the outlet for Reactor Units 1 to 4.

Concentration of Sr-90 at sampling points T-1 and T-2-1/T-2**



*The scale is set taking into account the limit values of concentrations (e.g., 30 Bq/L for Sr-90) 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).

** T-2-1 was replaced by T-2 on 13 September 2016 because the access road to T-2-1 had been damaged by typhoon. On 27January 2017, T-2 was moved from 330m to 280m south of the outlet for Reactor Units 1 to 4.