

F1 Issues

As of 27 December, 2016
Nuclear Regulation Authority (NRA), Japan

Current Information on Radioactivity in Seawater

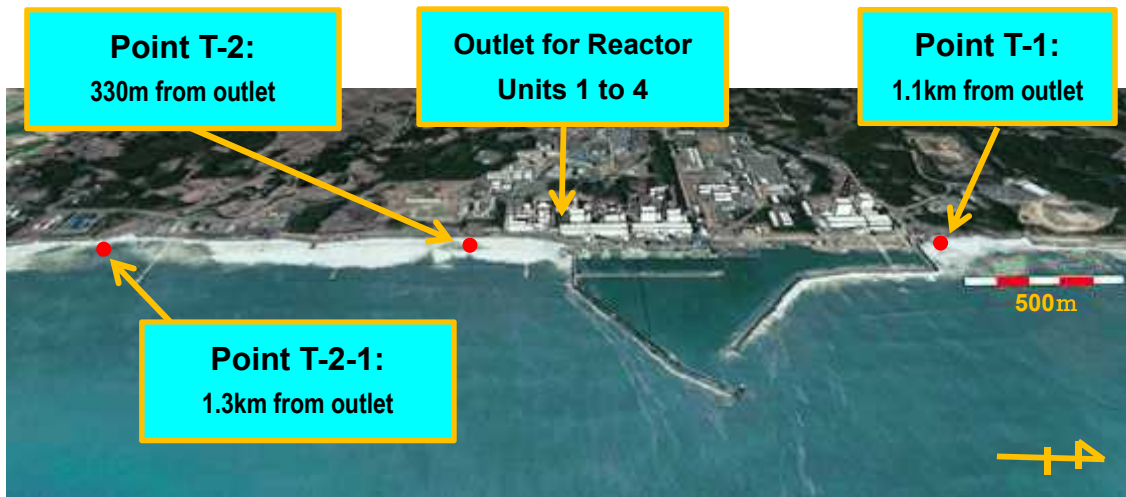
| Sampling Date | Cs-134 (Bq/L) | | Cs-137 (Bq/L) | | H-3 (Bq/L) | | *Gross Beta (Bq/L) | |
|---------------|---------------|-------|---------------|-------|------------|-------|--------------------|-------|
| | T-1 | **T-2 | T-1 | **T-2 | T-1 | **T-2 | T-1 | **T-2 |
| 18 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 15 |
| 19 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 3.0 | < 3.0 | 12 | 14 |
| 20 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 9.4 |
| 21 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 15 |
| 22 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 10 |
| 23 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 17 |
| 24 Dec. | < 1.0 | < 1.0 | < 1.0 | < 1.0 | – | – | – | 14 |

*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.

Reference: "Comprehensive Radiation Monitoring Plan"

URL: <http://radioactivity.nsr.go.jp/en/list/274/list-1.html>

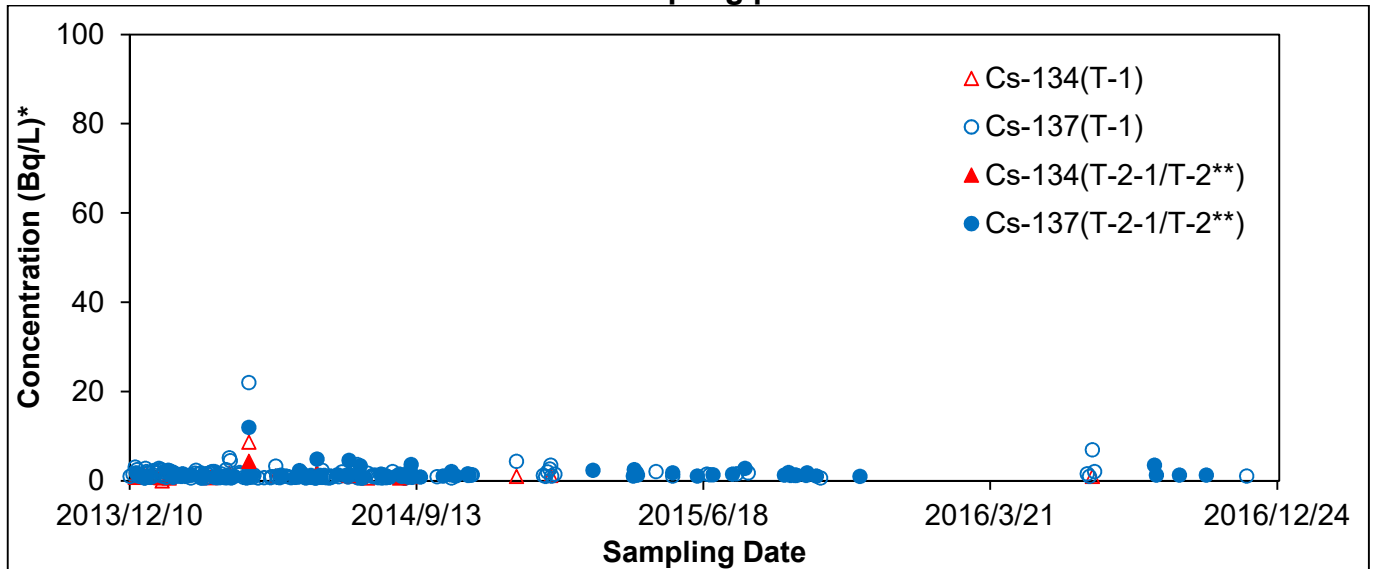


Concentrations of Cs-134, Cs-137, H-3 and Gross Beta remained low.

Details of past monitoring results (updated monthly) are open 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).

** 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.