

F1 Issues

As of 11 June, 2014
Nuclear Regulation Authority (NRA), Japan

On 2 June 2014, the Nuclear Regulation Authority (NRA) received a report from TEPCO regarding water leaks from the two notch tanks to the area in the dike surrounding these tanks at Fukushima Daiichi Nuclear Power Station. Following the above-described report, the NRA received a report from TEPCO on 9 June regarding water leaks from the two notch tanks through the dike to the ground surface on site.

The first report of TEPCO delineates that it stopped the water leaks from the notch tanks, and transferred 4 m³ of water remaining in the dike to a tank.

Meanwhile, the NRA issued the following instructions to TEPCO:

- To specify the area of ground surface where the water leaked.
- To estimate the amount and radiation level of the water leaked to the ground surface.
- To remove the soil of ground surface where the water leaked.

The second report of TEPCO delineates that the amount of water leaked from the two notch tanks through the dike to the ground surface was estimated to be approximately 3.4 m³ at most. It should be noted that Cs-134, Cs-137 and total Beta of the water (sampled on 2 June, 2014) in the notch tanks are ND (under the limit of detection), ND and 72,000 Bq/L respectively, and those of the water remaining in the dike surrounding the tanks are ND, ND and 9,800 Bq/L respectively.

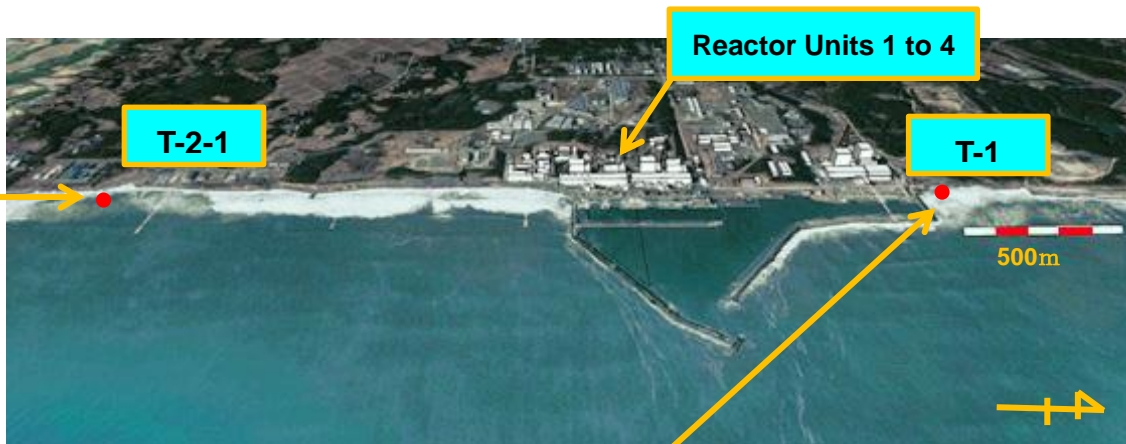
Taking into account all information related to the water leaks so far, the NRA considers the effects of water leaks on the sea area are unlikely to appear. The NRA watches closely response measures by TEPCO based on the NRA's instructions.

Current Information on Radioactivity in Seawater

Measurements of seawater obtained at the sampling points T-1 and T-2-1 on 1 to 7 June are shown in the tables on the next page. The effects of the water leaks have not been recognized.

The following URL of the NRA website leads to details of monitoring results:

http://radioactivity.nsr.go.jp/en/contents/9000/8510/24/Sea_Area_Monitoring_20140610.pdf



1.1km northern point (T-1) from the outlet for Reactor Units 1 to 4

Sampling Date in 2014	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
1 June	ND(0.86)	ND(0.68)	–	–
2 June	ND(0.68)	1.0	15	4.3
3 June	ND(0.85)	1.2	–	–
4 June	ND(0.76)	0.78	–	–
5 June	ND(0.66)	0.79	–	–
6 June	ND(0.98)	0.83	–	–
7 June	ND(0.79)	0.64	–	–

1.3km southern point (T-2-1) from the outlet for Reactor Units 1 to 4

Sampling Date in 2014	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
1 June	ND(0.77)	ND(0.61)	11	–
2 June	ND(0.60)	ND(0.56)	12	ND(1.7)
3 June	ND(0.68)	ND(0.63)	9.2	–
4 June	ND(0.62)	ND(0.71)	10	–
5 June	ND(0.79)	ND(0.53)	12	–
6 June	ND(0.62)	ND(0.63)	12	–
7 June	ND(0.66)	ND(0.71)	11	–

ND: Under the limit of detection