F1 Issues

As of 13 November, 2013
Nuclear Regulation Authority (NRA), Japan

Current Information on Radioactivity in Seawater

It was found by TEPCO on 9 November that contaminated water was leaking from the dike surrounding H6 Tank Area in Fukushima Daiichi Nuclear Power Station. The results of daily monitoring by TEPCO of seawater at the sampling point T-2, which is comparatively near the Tank Area, are shown in the following table (middle one).

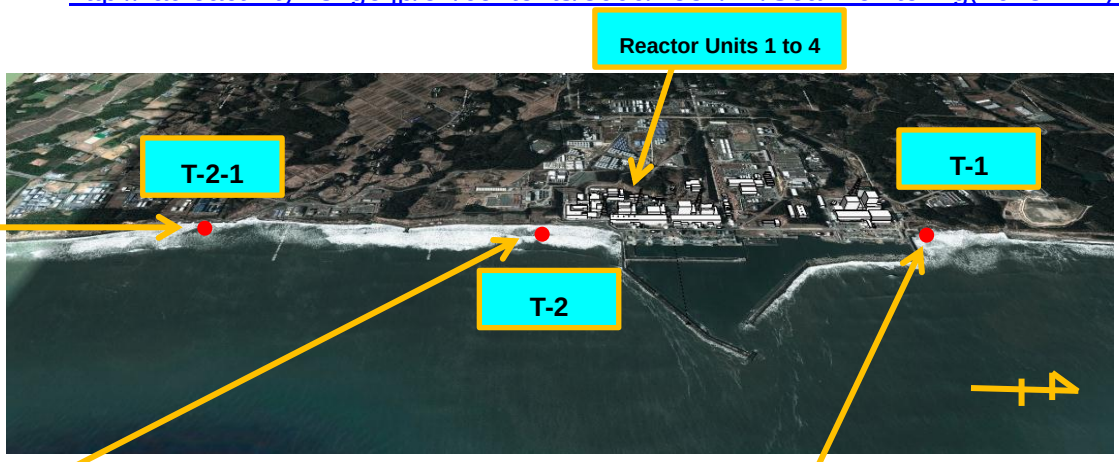
The following URL leads to details of the leakage:

http://www.tepco.co.jp/en/press/corp-com/release/2013/1232087_5130.html

The concentrations of all radionuclides (i.e., Cs-134, Cs-137, total Beta and H-3) were relatively stable from 4 to 10 November at the sampling points T-1, T-2 and T-2-1 as shown in the following tables.

The following URL leads to details of monitoring results:

http://radioactivity.nsr.go.jp/en/contents/8000/7551/24/Sea-monitoring(20131112).pdf



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

Sampling Date in 2013	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
4 November	ND(1.6)	ND(1.5)	ND(16)	ND(1.6)
5 November	ND(1.3)	ND(1.3)	–	–
6 November	ND(1.7)	ND(1.4)	–	–
7 November	ND(1.6)	1.4	–	–
8 November	ND(1.4)	ND(1.5)	–	–
9 November	ND(1.3)	ND(1.5)	–	–
10 November	ND(1.5)	1.5	–	–

330m southern point (T-2) from the outlet for Reactor Units 1 to 4

Sampling Date in 2013	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)
4 November	ND(1.3)	ND(1.3)	ND(17)
5 November	ND(1.3)	ND(1.3)	ND(19)
6 November	ND(1.3)	ND(1.7)	ND(17)
7 November	ND(1.1)	ND(1.3)	ND(18)
8 November	ND(1.0)	ND(1.3)	ND(17)
9 November	3.5	8.1	ND(18)
10 November	ND(1.8)	ND(1.4)	ND(18)

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

Sampling Date in 2013	Cs-134 (Bq/L)	Cs-137 (Bq/L)	Total Beta (Bq/L)	H-3 (Bq/L)
4 November	ND(1.6)	ND(1.5)	ND(17)	ND(1.6)
5 November	ND(1.3)	ND(1.3)	ND(18)	–
6 November	ND(1.7)	ND(1.4)	ND(17)	–
7 November	ND(1.6)	ND(1.6)	ND(18)	–
8 November	ND(1.4)	ND(1.5)	ND(18)	–
9 November	ND(1.3)	ND(1.5)	ND(17)	–
10 November	ND(1.5)	ND(1.4)	ND(20)	–