

Nuclide Analysis Results of Radioactive Materials in Seawater at Fukushima Daiichi Nuclear Power Plant intake

attachement

(Data summarized on November 19)

Place of Sampling	Inside north water intake canal of 1F's Units 1-4		Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Date of sampling	2011/10/10		
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	40
Cs-134 (about 2 years)	86	1.4	60
Cs-137 (about 30 years)	88	0.98	90
H-3 (about 12 years)	920	0.02	60,000
α	ND	-	-
β	630	-	-

* Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L.

* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

* I-131 , Cs-134 , Cs-137 published on October 11.

(Evaluation)

H-3 , all β were detected by the affect of this accident.