

Nuclide Analysis Results of Radioactive Materials in Seawater

(Data summarized on December 8)

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	14-Nov-11		
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	40
Cs-134 (about 2 years)	50	0.83	60
Cs-137 (about 30 years)	75	0.83	90
Sr-89 (about 51days)	55	0.18	300
Sr-90 (about 29 years)	130	4.3	30

* 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.

* As for I-131 , Cs-134 , Cs-137, the results were announced on November 15.

* Analyst : Japan Chemical Analysis Center (Sr-89 , Sr-90) , TEPCO (I-131 , Cs-134 , Cs-137)

(Evaluation)

Sr-89 and Sr-90 were detected. It would be appear that it is due to the effect of the plant accident.