

Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore>

Attachment

(Data summarized on December 19)

Place of Sampling	Central area of Sendai bay Upper Layer	5 km offshore of Souma City Upper Layer	3 km offshore of Ena Upper Layer	3 km offshore of Oarai shore Upper Layer	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	November 10, 2011	November 15, 2011	November 14, 2011	November 16, 2011					
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Sr-89 (about 51days)	ND	-	ND	-	0.033	0.00	ND	-	300
Sr-90 (about 29 years)	ND	-	ND	-	0.085	0.00	ND	-	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 1.

* I-131, Cs-134 and Cs-137 were announced on November 14, 16, 17 and 20.

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

(Evaluation)

Sr-89 and Sr-90 were detected and it is thought to be due to the the accident, but each of the density is below density limit of the announcement.