

Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore of Ibaraki Prefecture>

Reference

(Data summarized on December 27)

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer	3 km offshore of Takadokobama shore Lower Layer	3 km offshore of Kujihama shore Upper Layer	3 km offshore of Kujihama shore Lower Layer	3 km offshore of Oarai shore Upper Layer	3 km offshore of Oarai shore Lower 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)						
Time of Sampling	December 21, 2011 8:18 AM	December 21, 2011 8:17 AM	December 21, 2011 7:33 AM	December 21, 2011 7:30 AM	December 21, 2011 1:27 PM	December 21, 2011 1:25 PM							
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 (/)	Density of Sample (Bq/L)	Scaling Factor (/)		
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Place of Sampling	3 km offshore of Hirai shore Upper Layer	3 km offshore of Hirai shore Lower Layer	3 km offshore of Hasaki shore Upper Layer	3 km offshore of Hasaki shore Lower 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)
Time of Sampling	December 20, 2011 1:54 PM	December 20, 2011 1:55 PM	December 20, 2011 1:45 PM	December 20, 2011 1:43 PM									
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 (/)	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

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

* Data of other nuclides are under evaluation.

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

* "ND" means the sampled data is below measurable limit.

I-131: approx. 1.1Bq/L, Cs-134: approx. 1.5Bq/L, Cs-137: approx. 1.3Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.