

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

Reference

(Data summarized on April 24)

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	April 17, 2012 8:10 AM	April 17, 2012 8:09 AM	April 17, 2012 8:40 AM	April 17, 2012 8:38 AM	April 16, 2012 1:32 PM	April 16, 2012 1:29 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 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (approx. 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	April 18, 2012 1:43 PM	April 18, 2012 1:41 PM	April 16, 2012 1:32 PM	April 16, 2012 1:30 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 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	/	/	/	/	40
Cs-134 (approx. 2 years)	ND	-	ND	-	ND	-	ND	-	/	/	/	/	60
Cs-137 (approx. 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. 1.2Bq/L, Cs-134: approx. 1.4Bq/L, Cs-137: approx. 1.4Bq/L

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