

Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture>

Reference

(Data summarized on 17 Jun)

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 and Date of Sample Collection	10:15 AM 14 Jun 2011	10:14 AM 14 Jun 2011	8:43 AM 15 Jun 2011	8:41 AM 15 Jun 2011	1:14 PM 15 Jun 2011	1:12 PM 15 Jun 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 (/)	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 and Date of Sample Collection	10:52 AM 14 Jun 2011	10:50 AM 14 Jun 2011	7:42 AM 14 Jun 2011	7:40 AM 14 Jun 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 (/)	Density of Sample (Bq/ L)	Scaling Factor (/)
I-131 (about 8 days)	ND	-	ND	-	ND	-	/	/	/	/	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	/	/	/	/	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	/	/	/	/	90

* "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

* 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 density is below detectable threshold.

Detectable thresholds of the main nuclides are as follows: I-131 is approx. 7 Bq/L, Cs-134 is approx. 18 Bq/L and Cs-187 is approx. 19 Bq/L.

Please be advised that the detectable thresholds depend on the detector and condition of samples, and nuclides below these thresholds may be detected.