

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

Reference

(Data summarized : June 21)

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	8:36 am June 17, 2011		8:35 am June 17, 2011		8:24 am June 17, 2011		8:22 am June 17, 2011		1:36 pm June 17, 2011		1:35 pm June 17, 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	1:15 pm June 18, 2011		1:13 pm June 18, 2011		7:37 am June 18, 2011		7:36 am June 18, 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	-					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.

In the case that the data is below measurable limit, "ND" is stated.

Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 17Bq/L, Cs-137: approx. 16Bq/L

However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.