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

Reference

(Data summarized：July 22)

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		② 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	N.A		N.A		N.A		N.A		N.A		N.A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)													40
Cs-134 (about 2 years)													60
Cs-137 (about 30 years)													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						② 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	N.A		N.A		July 19, 2011 7:33 am		July 19, 2011 7:35 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-					40
Cs-134 (about 2 years)					ND	-	ND	-					60
Cs-137 (about 30 years)					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. 6Bq/L、Cs-134: approx. 9Bq/L、Cs-137: approx. 9Bq/L
Please note that these nuclides are sometimes detected even when they are below the threshold, contingent on the detector or samples.