Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture> (1/2)

Reference

(Data summerized on June 25)

Place of Sampling	Ishinomaki Bay Upper Layer		Ishinomaki Bay Middle Layer		Ishinomaki Bay Lower Layer		Offshore of Kinkasan east Upper Layer		Offshore of Kinkasan east Middle Layer		Offshore of Kinkasan east 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	11:00 am June 21, 2011		10:55 am June 21, 2011		10:50 am June 21, 2011		8:51 am June 21, 2011		8:42 am June 21, 2011		8:20 am June 21, 2011		
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	-	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	Offshore of Kinkasan south Upper Layer		Offshore of Kinkasan south Middle Layer		Offshore of Kinkasan south Lower Layer		Offshore of Shichigahama Upper Layer		Offshore of Shichigahama Middle Layer		Offshore of Shichigahama 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	9:42 am June 21, 2011		9:37 am June 21, 2011		9:30 am June 21, 2011		10:04 am June 21, 2011		10:00 am June 21, 2011		9:55 am June 21, 2011		
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	-	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

* "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. 5 Bq/L, Cs-134 is approx. 6 Bq/L and Cs-137 is approx. 6 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.

Result of Nuclide Analysis of Seawater <Offshore of Miyagi Prefecture> (2/2)

Reference

(Data summerized on June 25)

Place of Sampling	Sendai Bay center Upper Layer		Sendai Bay center Middle Layer		Sendai Bay center Lower Layer		Offshore of Abukuma River Upper Layer		Offshore of Abukuma River Middle Layer		Offshore of Abukuma River 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	7:40 am June 21, 2011		7:36 am June 21, 2011		7:30 am June 21, 2011		8:57 am June 21, 2011		8:50 am June 21, 2011		8:45 am June 21, 2011		
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	-	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

* "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. 5 Bq/L, Cs-134 is approx. 6 Bq/L and Cs-137 is approx. 6 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.