

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on August 15)

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)	Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		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	10:10 am August 14, 2011	9:50 am August 14, 2011		N.A.		8:10 am August 14, 2011		7:40 August 14, 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)	
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 at Fukushima Daiichi (north of water discharge channel of Units 5 and 6, south discharge channel) are as follows:

I-131: approx. 7 Bq/L, Cs-134: approx. 18 Bq/L, and Cs-137: approx. 20Bq/L.

Detection limits at Fukushima Daini (Near North discharge canal, Iwasawa shore) are as follows:

I-131: approx. 4 Bq/L, Cs-134: approx. 6 Bq/L, and Cs-137: approx. 9Bq/L.

Results of Nuclide Analysis of Seawater <Offshore>

Reference

(Data summarized on August 15)

Place of Sampling	3 km offshore of Haramachiku Upper layer	3 km offshore of Haramachi Ward Lower layer	3 km offshore of Odaka Ward Upper layer	3 km offshore of Odaka Ward Lower layer	3 km offshore of Iwasawa shore Upper layer	3 km offshore of Iwasawa 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	8:10 am August 14, 2011	8:10 am August 14, 2011	7:45 am August 14, 2011	7:45 am August 14, 2011	6:40 am August 14, 2011	6:40 am August 14, 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	8 km offshore of Odaka Ward Upper layer	8 km offshore of Odaka Ward Lower layer	8 km offshore of Iwasawa shore Upper layer	8 km offshore of Iwasawa 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	8:40 am August 14, 2011	8:40 am August 14, 2011	7:05 am August 14, 2011	7:05 am August 14, 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)		①Density of Sample (Bq/L)	Scaling Factor (①/②)
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 this analysis, "ND" means that the results fall below the detection limits.
(I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, and Cs-137: approx. 9Bq/L)