Results of Nuclide Analysis of Seawater <Coast>

Reference

（Data summarized on August 16）

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 （appox. 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 （appox. 7 km south of 1,2u Discharge Channel) （appox. 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	10:30 am August 15, 2011		10:00 am August 15, 2011		2:40 pm August 15, 2011		8:05 am August 15, 2011		7:40 August 15, 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	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	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. 9 Bq/L, Cs-134: approx. 22 Bq/L, and Cs-137: approx. 24Bq/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 16）

Place of Sampling	3 km offshore of Iwaki Upper layer		3 km offshore of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port 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.		6:15 am August 15, 2011		6:15 am August 15, 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	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	-	ND	-	90

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma 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	6:30 am August 15, 2011		6:30 am August 15, 2011		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)	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 this analysis, "ND" means that the results fall bellow the detection limits.
(I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, and Cs-137: approx. 9Bq/L)