

## Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on May 4)

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/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 9:20 May 3, 2011		At 14:10 May 3, 2011		At 8:55 May 3, 2011		At 13:40 May 3, 2011		At 8:35 May 3, 2011		At 8:10 May 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.6E-02	0.40	1.0E-02	0.25	ND	—	ND	—	9.3E-03	0.23	9.4E-03	0.24	4E-02
Cs-134 (about 2 years)	8.3E-02	1.4	4.8E-02	0.80	6.3E-02	1.1	4.8E-02	0.80	3.3E-02	0.55	4.2E-02	0.70	6E-02
Cs-137 (about 30 years)	8.2E-02	0.91	5.1E-02	0.57	5.4E-02	0.60	5.9E-02	0.66	3.6E-02	0.40	3.7E-02	0.41	9E-02

※ 〇.〇E-〇 means 〇.〇 × 1 〇 - 〇.

※ Data of other nuclides are under evaluation.

Results of Nuclide Analysis of Seawater <Offshore>

Reference

(Data summarized on May 4)

Place of Sampling	15 km offshore of MinamiSouma City		15 km offshore of Ukedo-gawa		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		15 km offshore of Hirono-machi		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (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	At 8:50 May 3, 2011		At 8:30 May 3, 2011		At 8:05 May 3, 2011		At 7:45 May 3, 2011		At 7:20 May 3, 2011		At 7:00 May 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	9.3E-03	0.23	9.0E-03	0.23	ND	-	5.5E-03	0.14	ND	-	4E-02
Cs-134 (about 2 years)	1.6E-02	0.27	2.9E-02	0.48	2.3E-02	0.38	ND	-	1.2E-02	0.20	ND	-	6E-02
Cs-137 (about 30 years)	2.5E-02	0.28	3.1E-02	0.34	2.3E-02	0.26	1.8E-02	0.20	1.0E-02	0.11	ND	-	9E-02

※ O.OE-O means O.O × 10<sup>-O</sup>.

※ Data of other nuclides are under evaluation.

Place of Sampling	3 km offshore of Haramachi-ku		3 km offshore of Odaka-ku		3 km offshore of Iwasawa Shore		3 km offshore of North of Iwaki City		8 km offshore of Odaka-ku		8 km offshore of Iwasawa Shore		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (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	At 9:20 May 3, 2011		At 9:35 May 3, 2011		At 8:13 May 3, 2011		At 7:43 May 3, 2011		At 10:00 May 3, 2011		At 8:40 May 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	3.3E-03	0.08	ND	-	ND	-	5.4E-03	0.14	5.3E-03	0.13	ND	-	4E-02
Cs-134 (about 2 years)	9.9E-03	0.17	1.9E-02	0.32	ND	-	1.6E-02	0.27	2.1E-02	0.35	ND	-	6E-02
Cs-137 (about 30 years)	1.3E-02	0.14	1.9E-02	0.21	1.6E-02	0.18	1.6E-02	0.18	2.1E-02	0.23	1.6E-02	0.18	9E-02

※ O.OE-O means O.O × 10<sup>-O</sup>.

※ Data of other nuclides are under evaluation.

Place of Sampling	3 km offshore of Natsui River		3 km offshore of Onahama Port		3 km offshore of Ena		3 km offshore of Numanouchi		3 km offshore of Toyoma				② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (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	At 7:02 May 3, 2011		At 5:51 May 3, 2011		At 6:08 May 3, 2011		At 6:45 May 3, 2011		At 6:27 May 3, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	4.5E-03	0.11	ND	-	3.5E-03	0.09	4.0E-03	0.10	ND	-			4E-02
Cs-134 (about 2 years)	1.0E-02	0.17	ND	-	ND	-	8.3E-03	0.14	ND	-			6E-02
Cs-137 (about 30 years)	7.6E-03	0.08	ND	-	ND	-	9.2E-03	0.10	ND	-			9E-02

※ O.OE-O means O.O × 10<sup>-O</sup>.

※ Data of other nuclides are under evaluation.