

## Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on May 6)

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)		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 9:40 May 5, 2011		At 14:35 May 5, 2011		At 9:10 May 5, 2011		At 14:10 May 5, 2011		At 8:30 May 5, 2011		At 8:05 May 5, 2011		
Detected Nuclides (Half-life)	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	9.8E-03	0.25	ND	-	1.7E-02	0.43	7.7E-03	0.19	ND	-	ND	-	4E-02
Cs-134 (about 2 years)	8.9E-02	1.5	6.3E-02	1.1	1.1E-01	1.8	6.3E-02	1.1	3.9E-02	0.65	2.8E-02	0.47	6E-02
Cs-137 (about 30 years)	1.1E-01	1.2	7.1E-02	0.79	1.0E-01	1.1	7.1E-02	0.79	4.5E-02	0.50	3.8E-02	0.42	9E-02

. E - means . × 1 0 <sup>-</sup>

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.

## Results of Nuclide Analysis of Seawater <Offshore 1/2>

Reference
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(Data summarized on May 6)

Place of Sampling	15 km offshore of Minamisoma 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		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 9:05 May 5, 2011		At 9:30 May 5, 2011		At 9:05 May 5, 2011		At 8:40 May 5, 2011		At 8:15 May 5, 2011		At 7:55 May 5, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	
Cs-134 (about 2 years)	1.1E-02	0.18	9.9E-03	0.17	ND	-	7.8E-03	0.13	1.7E-02	0.28	1.2E-02	0.20	6E-02
Cs-137 (about 30 years)	1.1E-02	0.12	9.8E-03	0.11	ND	-	5.6E-03	0.06	1.7E-02	0.19	1.2E-02	0.13	9E-02

E - means  $\times 10^{\dots}$   
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.

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		8 km offshore of Odaka-ku		8 km offshore of Iwasawa Shore		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 10:32 May 5, 2011		At 10:12 May 5, 2011		At 8:11 May 5, 2011		At 7:45 May 5, 2011		At 10:05 May 5, 2011		At 8:33 May 5, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	3.1E-03	0.08	ND	-	
Cs-134 (about 2 years)	2.2E-02	0.37	1.4E-02	0.23	2.6E-02	0.43	1.7E-02	0.28	2.0E-02	0.33	1.7E-02	0.28	6E-02
Cs-137 (about 30 years)	1.6E-02	0.18	ND	-	2.0E-02	0.22	1.1E-02	0.12	2.4E-02	0.27	2.6E-02	0.29	9E-02

E - means  $\times 10^{\dots}$   
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.

Reference

(Data summarized on May 6)

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		3 km offshore of Soma (upper part)		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 7:15 May 5, 2011		At 6:02 May 5, 2011		At 6:19 May 5, 2011		At 6:57 May 5, 2011		At 6:41 May 5, 2011		At 10:20 May 5, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	1.3E-02	0.22	ND	-	ND	-	6E-02
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	9.6E-03	0.11	ND	-	ND	-	9E-02

E - means  $\times 10^{-}$   
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.

Place of Sampling	3 km offshore of Soma (lower part)												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 10:20 May 5, 2011												
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (約8日)	ND	-											
Cs-134 (約2年)	ND	-											6E-02
Cs-137 (約30年)	ND	-											9E-02

E - means  $\times 10^{-}$   
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.