

## Results of Nuclide Analysis of Seawater <Coast>

Reference

( Data summarized on  
May 10 )

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 9:05 May 9, 2011		13:55 May 9, 2011		At 8:45 May 9, 2011		At 13:40 May 9, 2011		At 8:50 May 9, 2011		At 8:15 May 9, 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)	9.6E-03	0.24	1.9E-02	0.48	4.8E-03	0.12	6.3E-03	0.16	4.6E-03	0.12	4.4E-03	0.11	4E-02
Cs-134 (about 2 years)	6.3E-02	1.1	7.5E-02	1.3	6.3E-02	1.1	5.5E-02	0.92	3.4E-02	0.57	3.0E-02	0.50	6E-02
Cs-137 (about 30 years)	6.8E-02	0.76	8.0E-02	0.89	5.7E-02	0.63	6.1E-02	0.68	4.0E-02	0.44	4.3E-02	0.48	9E-02

. E - means . × 1 0 - .

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

( Data summarized on May 10 )

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 10:20 May 9, 2011		At 9:55 May 9, 2011		At 9:05 May 9, 2011		At 8:20 May 9, 2011		At 9:30 May 9, 2011		At 9:00 May 9, 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	-	4E-02
Cs-134 (about 2 years)	1.3E-02	0.22	ND	-	ND	-	1.5E-02	0.25	1.7E-02	0.28	9.7E-03	0.16	6E-02
Cs-137 (about 30 years)	1.8E-02	0.20	ND	-	ND	-	ND	-	1.3E-02	0.14	ND	-	9E-02

E - means . × 1 0 - .

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		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 10:55 May 9, 2011		At 11:10 May 9, 2011		At 10:50 May 9, 2011		At 11:25 May 9, 2011		At 10:25 May 9, 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	-			4E-02
Cs-134 (about 2 years)	2.0E-02	0.33	2.0E-02	0.33	1.5E-02	0.25	ND	-	ND	-			6E-02
Cs-137 (about 30 years)	ND	-	2.3E-02	0.26	1.4E-02	0.16	ND	-	ND	-			9E-02

E - means . × 1 0 - .

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 2/2>

Reference

( Data summarized on May 10 )

Place of Sampling	3 km offshore of north Iwaki City Upper layer	3 km offshore of north Iwaki City Lower layer	3 km offshore of Natsui River Upper layer	3km offshore of Natsui River Lower layer	3km offshore of Onahama Port Upper layer	3km offshore of Onahama Port Lower layer	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 5:10 May 9, 2011		At 5:35 May 9, 2011		At 6:10 May 9, 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 ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	4E-02
Cs-134 (about 2 years)	ND	-	1.4E-02	0.23	ND	-	6E-02
Cs-137 (about 30 years)	1.7E-02	0.19	1.2E-02	0.13	ND	-	9E-02

. E - means . × 1 0 - .

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	3km offshore of Ena Upper layer	3km offshore of Ena Lower layer	3km offshore of Numanouchi Upper layer	3km offshore of Numanouchi Lower layer	3km offshore of Toyoma Upper layer	3km offshore of Toyoma Lower layer	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 6:40 May 9, 2011		At 5:45 May 9, 2011		At 6:00 May 9, 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 ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	4E-02
Cs-134 (about 2 years)	ND	-	5.4E-03	0.09	ND	-	6E-02
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	9E-02

. E - means . × 1 0 - .

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.