

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 April 24, 2011		At 14:30 April 24, 2011		At 8:35 April 24, 2011		At 14:15 April 24, 2011		At 9:00 April 24, 2011		At 8:15 April 24, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.5E-01	3.8	2.3E-01	5.8	2.9E-02	0.73	2.8E-02	0.70	2.9E-02	0.73	2.3E-02	0.58	4E-02
Cs-134 (about 2 years)	1.8E-01	3.0	3.3E-01	5.5	8.4E-02	1.4	1.2E-01	2.0	6.5E-02	1.1	5.9E-02	0.98	6E-02
Cs-137 (about 30 years)	1.9E-01	2.1	3.4E-01	3.8	8.5E-02	0.94	1.2E-01	1.3	7.6E-02	0.84	6.7E-02	0.74	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	6.3E-03	0.02	Not Detectable	-	Not Detectable	-	4.0E-03	0.01	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means . × 1 0 ^{...}

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 April 25, 2011		At 14:00 April 25, 2011		At 9:00 April 25, 2011		At 13:40 April 25, 2011		At 8:35 April 25, 2011		At 8:10 April 25, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.0E-01	2.5	1.4E-01	3.5	2.1E-02	0.53	2.1E-02	0.53	3.4E-02	0.85	2.4E-02	0.60	4E-02
Cs-134 (about 2 years)	2.0E-01	3.3	1.7E-01	2.8	7.9E-02	1.3	9.1E-02	1.5	7.6E-02	1.3	8.0E-02	1.33	6E-02
Cs-137 (about 30 years)	2.0E-01	2.2	2.0E-01	2.2	9.4E-02	1.0	1.0E-01	1.1	7.6E-02	0.84	7.8E-02	0.87	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	6.5E-03	0.02	Not Detectable	-	4.4E-03	0.01	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:00 April 26, 2011		At 14:30 April 26, 2011		At 8:40 April 26, 2011		At 14:10 April 26, 2011		At 8:40 April 26, 2011		At 8:05 April 26, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	4.4E-02	1.1	8.6E-02	2.2	3.7E-02	0.93	2.7E-02	0.68	1.9E-02	0.48	2.9E-02	0.73	4E-02
Cs-134 (about 2 years)	1.3E-01	2.2	2.1E-01	3.5	1.1E-01	1.8	1.3E-01	2.2	6.7E-02	1.1	8.9E-02	1.5	6E-02
Cs-137 (about 30 years)	1.4E-01	1.6	2.3E-01	2.6	1.2E-01	1.3	1.3E-01	1.4	7.3E-02	0.81	9.7E-02	1.1	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5.1E-03	0.02	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:00 April 27, 2011		At 14:10 April 27, 2011		At 8:40 April 27, 2011		At 13:50 April 27, 2011		At 8:40 April 27, 2011		At 8:10 April 27, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	6.1E-02	1.5	9.9E-02	2.5	1.6E-02	0.40	2.0E-02	0.50	1.3E-02	0.33	2.0E-02	0.50	4E-02
Cs-134 (about 2 years)	1.2E-01	2.0	2.0E-01	3.3	9.8E-02	1.6	1.1E-01	1.8	6.0E-02	1.0	7.8E-02	1.3	6E-02
Cs-137 (about 30 years)	1.2E-01	1.3	1.9E-01	2.1	9.1E-02	1.0	1.1E-01	1.2	4.8E-02	0.53	7.3E-02	0.81	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	5.0E-03	0.02	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:30 April 28, 2011		At 14:40 April 28, 2011		At 9:10 April 28, 2011		At 14:00 April 28, 2011		At 8:40 April 28, 2011		At 8:10 April 28, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	6.4E-02	1.6	4.1E-02	1.0	2.0E-02	0.50	1.1E-02	0.28	1.6E-02	0.40	2.1E-02	0.53	4E-02
Cs-134 (about 2 years)	1.5E-01	2.5	1.4E-01	2.3	8.8E-02	1.5	8.0E-02	1.3	5.2E-02	0.87	5.0E-02	0.83	6E-02
Cs-137 (about 30 years)	1.4E-01	1.6	1.4E-01	1.6	8.8E-02	0.98	7.6E-02	0.84	4.0E-02	0.44	4.1E-02	0.46	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:00 April 29, 2011		At 14:10 April 29, 2011		At 8:30 April 29, 2011		At 13:50 April 29, 2011		At 8:30 April 29, 2011		At 8:10 April 29, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	2.8E-02	0.70	1.5E-02	0.38	1.8E-02	0.45	2.4E-02	0.60	1.5E-02	0.38	1.2E-02	0.30	4E-02
Cs-134 (about 2 years)	1.3E-01	2.2	9.2E-02	1.5	8.2E-02	1.4	1.2E-01	2.0	4.6E-02	0.77	5.4E-02	0.90	6E-02
Cs-137 (about 30 years)	1.2E-01	1.3	9.9E-02	1.1	8.1E-02	0.90	1.2E-01	1.3	5.3E-02	0.59	5.3E-02	0.59	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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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 ³) (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 9:00 April 30, 2011		At 14:15 April 30, 2011		At 8:40 April 30, 2011		At 14:00 April 30, 2011		At 8:30 April 30, 2011		At 8:05 April 30, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	4.3E-02	1.1	3.6E-02	0.90	1.7E-02	0.43	1.4E-02	0.35	1.5E-02	0.38	1.5E-02	0.38	4E-02
Cs-134 (about 2 years)	2.0E-01	3.3	9.5E-02	1.6	1.1E-01	1.8	8.7E-02	1.5	2.2E-01	3.7	6.9E-02	1.2	6E-02
Cs-137 (about 30 years)	2.1E-01	2.3	9.0E-02	1.0	1.0E-01	1.1	7.7E-02	0.86	2.6E-01	2.9	7.6E-02	0.84	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	4.2E-03	0.01	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1.2E-02	0.03	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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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 ³) (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 8:45 May 1, 2011		At 14:15 May 1, 2011		At 8:30 May 1, 2011		At 14:00 May 1, 2011		At 8:40 May 1, 2011		At 8:10 May 1, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.6E-02	0.40	2.2E-02	0.55	6.9E-03	0.17	1.3E-02	0.33	1.3E-02	0.33	9.7E-03	0.24	4E-02
Cs-134 (about 2 years)	7.4E-02	1.2	8.4E-02	1.4	8.7E-02	1.5	9.5E-02	1.6	4.1E-02	0.68	2.7E-02	0.45	6E-02
Cs-137 (about 30 years)	7.7E-02	0.86	1.0E-01	1.1	8.2E-02	0.91	1.0E-01	1.1	3.9E-02	0.43	2.6E-02	0.29	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means . × 1 0⁻

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:30 May 2, 2011		At 15:15 May 2, 2011		At 8:45 May 2, 2011		At 14:50 May 2, 2011		At 8:35 May 2, 2011		At 8:10 May 2, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	3.8E-02	0.95	1.5E-02	0.38	1.4E-02	0.35	2.1E-02	0.53	1.1E-02	0.28	8.9E-03	0.22	4E-02
Cs-134 (about 2 years)	1.2E-01	2.0	6.9E-02	1.2	7.6E-02	1.3	7.9E-02	1.3	3.7E-02	0.62	4.9E-02	0.82	6E-02
Cs-137 (about 30 years)	1.3E-01	1.4	7.0E-02	0.78	8.7E-02	0.97	7.3E-02	0.81	3.7E-02	0.41	4.7E-02	0.52	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\text{...}}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 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)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.6E-02	0.40	1.0E-02	0.25	Not Detectable	-	Not Detectable	-	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
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:10 May 4, 2011		At 14:00 May 4, 2011		At 8:45 May 4, 2011		At 13:30 May 4, 2011		At 8:40 May 4, 2011		At 8:10 May 4, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	9.8E-03	0.25	1.1E-02	0.28	8.6E-03	0.22	1.7E-02	0.43	Not Detectable	-	Not Detectable	-	4E-02
Cs-134 (about 2 years)	8.5E-02	1.4	8.4E-02	1.4	8.5E-02	1.4	7.8E-02	1.3	3.5E-02	0.58	4.2E-02	0.70	6E-02
Cs-137 (about 30 years)	9.3E-02	1.0	9.0E-02	1.0	7.6E-02	0.84	8.5E-02	0.94	2.6E-02	0.29	3.3E-02	0.37	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	3.0E-03	0.01	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	9.8E-03	0.25	Not Detectable	-	1.7E-02	0.43	7.7E-03	0.19	Not Detectable	-	Not Detectable	-	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
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means . × 1 0⁻

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:00 May 6, 2011		At 13:50 May 6, 2011		At 8:35 May 6, 2011		At 13:30 May 6, 2011		At 8:40 May 6, 2011		At 8:15 May 6, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	7.0E-03	0.18	1.3E-02	0.33	2.3E-02	0.58	6.7E-03	0.17	Not Detectable	-	4.2E-03	0.11	4E-02
Cs-134 (about 2 years)	9.4E-02	1.6	1.2E-01	2.0	9.0E-02	1.5	6.8E-02	1.1	3.2E-02	0.53	3.3E-02	0.55	6E-02
Cs-137 (about 30 years)	1.1E-01	1.2	1.2E-01	1.3	9.4E-02	1.0	9.1E-02	1.0	2.4E-02	0.27	3.7E-02	0.41	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【Definite Report】 Results of Nuclide Analysis of Seawater <Coast>

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 ³) (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 9:00 May 7, 2011		At 14:00 May 7, 2011		At 8:35 May 7, 2011		At 13:40 May 7, 2011		At 8:45 May 7, 2011		At 8:10 May 7, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	9.0E-03	0.23	1.9E-02	0.48	Not Detectable	-	1.2E-02	0.30	Not Detectable	-	Not Detectable	-	4E-02
Cs-134 (about 2 years)	6.9E-02	1.2	8.9E-02	1.5	8.9E-02	1.5	1.1E-01	1.8	3.3E-02	0.55	3.5E-02	0.58	6E-02
Cs-137 (about 30 years)	8.0E-02	0.89	1.2E-01	1.3	8.2E-02	0.91	1.1E-01	1.2	3.4E-02	0.38	3.6E-02	0.40	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	4.4E-03	0.01	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means . × 1 0 ⁻

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/2>

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 ³) (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	Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	/	/	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	/	/	/	/	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	/	/	/	/	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	/	/	/	/	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	/	/	/	/	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-01

. E - means . x 1 0 ^{...}

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/2>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		Sample not collected on April 24, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

E - means . × 1 0 ^

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/2>

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 ³) (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 9:45 April 25, 2011		At 9:20 April 25, 2011		At 8:50 April 25, 2011		At 8:20 April 25, 2011		At 7:50 April 25, 2011		At 7:20 April 25, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	-	4.9E-03	0.12	1.4E-02	0.35	2.5E-02	0.63	2.2E-02	0.55	2.0E-02	0.50	4E-02
Cs-134 (about 2 years)	Not Detectable	-	1.5E-02	0.25	3.5E-02	0.58	7.0E-02	1.2	6.7E-02	1.1	3.8E-02	0.63	6E-02
Cs-137 (about 30 years)	5.3E-03	0.06	1.8E-02	0.20	4.8E-02	0.53	7.6E-02	0.84	7.6E-02	0.84	4.9E-02	0.54	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/2>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 9:35 April 25, 2011		At 9:19 April 25, 2011		At 7:27 April 25, 2011		At 7:06 April 25, 2011		At 8:58 April 25, 2011		At 7:45 April 25, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	-	9.0E-03	0.23	3.1E-02	0.78	6.5E-02	1.6	9.1E-03	0.23	6.9E-02	1.7	4E-02
Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	8.7E-02	1.5	1.4E-01	2.3	Not Detectable	-	1.6E-01	2.7	6E-02
Cs-137 (about 30 years)	Not Detectable	-	1.6E-02	0.18	8.1E-02	0.90	1.5E-01	1.7	1.7E-02	0.19	1.8E-01	2.0	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	3.5E-03	0.01	Not Detectable	-	4.9E-03	0.02	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\text{exponent}}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on April 26, 2011		Sample not collected on April 26, 2011		Sample not collected on April 26, 2011		At 8:05 April 26, 2011		At 7:40 April 26, 2011		At 7:10 April 26, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	2.8E-02	0.70	Not Detectable	-	2.0E-02	0.50	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	8.4E-02	1.4	2.8E-02	0.47	4.3E-02	0.72	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	8.8E-02	0.98	2.7E-02	0.30	4.8E-02	0.53	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means $\times 10^{-}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compar

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 26, 2011		Sample not collected on April 26, 2011		At 7:39 April 26, 2011		At 7:09 April 26, 2011		Sample not collected on April 26, 2011		At 7:59 April 26, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	2.8E-02	0.70	5.7E-02	1.4	/	/	6.9E-02	1.7	4E-02
Cs-134 (about 2 years)	/	/	/	/	8.1E-02	1.4	1.7E-01	2.8	/	/	1.8E-01	3.0	6E-02
Cs-137 (about 30 years)	/	/	/	/	6.7E-02	0.74	1.8E-01	2.0	/	/	2.0E-01	2.2	9E-02
Mo-99 (about 66 hours)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	4E+01
Te-129m (about 34 days)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	1E+01
Te-132 (about 3 days)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	2E-01
I-132 (about 2 hours)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	3E+00
Cs-136 (about 13 days)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	3E-01
Ba-140 (about 13 days)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	Not Detectable	-	3E-01
La-140 (about 2 days)	/	/	/	/	Not Detectable	-	Not Detectable	-	/	/	6.8E-03	0.02	4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

Place of Sampling	3 km offshore of Natsui River										Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 6:34 April 26, 2011										
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)									
I-131 (about 8 days)	5.2E-02	1.3									4E-02
Cs-134 (about 2 years)	1.6E-01	2.7									6E-02
Cs-137 (about 30 years)	1.6E-01	1.8									9E-02
Mo-99 (about 66 hours)	Not Detectable	-									4E+01
Tc-99m (about 6 hours)	Not Detectable	-									4E+01
Te-129m (about 34 days)	Not Detectable	-									3E-01
Te-129 (about 70 minutes)	Not Detectable	-									1E+01
Te-132 (about 3 days)	Not Detectable	-									2E-01
I-132 (about 2 hours)	Not Detectable	-									3E+00
Ba-140 (about 13 days)	Not Detectable	-									3E-01
La-140 (about 2 days)	Not Detectable	-									4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	/	/	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	/	/	/	/	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	/	/	/	/	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	/	/	/	/	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	/	/	/	/	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		Sample not collected on April 27, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	/	/	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	/	/	/	/	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	/	/	/	/	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	/	/	/	/	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	/	/	/	/	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

Place of Sampling	3 km offshore of Natsui River										Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 27, 2011										
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)									
I-131 (about 8 days)											4E-02
Cs-134 (about 2 years)											6E-02
Cs-137 (about 30 years)											9E-02
Mo-99 (about 66 hours)											4E+01
Tc-99m (about 6 hours)											4E+01
Te-129m (about 34 days)											3E-01
Te-129 (about 70 minutes)											1E+01
Te-132 (about 3 days)											2E-01
I-132 (about 2 hours)											3E+00
Cs-136 (about 13 days)											3E-01
Ba-140 (about 13 days)											3E-01
La-140 (about 2 days)											4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Cs-136 (about 13 days)													3E-01
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		Sample not collected on April 28, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

Place of Sampling	3 km offshore of Natsui River		3 km offshore of Onahama Port								Density limit by the announcement of Reactor Regulation (Bq/cm ³) (the density limit in the water outside of surrounding monitored areas in the section 6 of the
Time and Date of Sample Collection	Sample not collected on April 28, 2011		Sample not collected on April 28, 2011								
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)							
I-131 (about 8 days)											4E-02
Cs-134 (about 2 years)											6E-02
Cs-137 (about 30 years)											9E-02
Mo-99 (about 66 hours)											4E+01
Tc-99m (about 6 hours)											4E+01
Te-129m (about 34 days)											3E-01
Te-129 (about 70 minutes)											1E+01
Te-132 (about 3 days)											2E-01
I-132 (about 2 hours)											3E+00
Cs-136 (about 13 days)											3E-01
Ba-140 (about 13 days)											3E-01
La-140 (about 2 days)											4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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 9:45 April 29, 2011		At 9:25 April 29, 2011		At 9:00 April 29, 2011		At 8:40 April 29, 2011		At 8:20 April 29, 2011		At 7:55 April 29, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.6E-02	0.40	1.2E-02	0.30	2.1E-02	0.53	1.6E-02	0.40	1.0E-02	0.25	Not Detectable	-	4E-02
Cs-134 (about 2 years)	5.6E-02	0.93	4.8E-02	0.80	8.4E-02	1.4	5.2E-02	0.87	3.5E-02	0.58	Not Detectable	-	6E-02
Cs-137 (about 30 years)	6.6E-02	0.73	5.0E-02	0.56	7.2E-02	0.80	5.0E-02	0.56	4.5E-02	0.50	Not Detectable	-	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 10:59 April 29, 2011		At 10:39 April 29, 2011		At 8:02 April 29, 2011		At 7:34 April 29, 2011		At 10:06 April 29, 2011		At 8:35 April 29, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	5.4E-03	0.14	5.2E-03	0.13	1.2E-02	0.30	8.3E-03	0.21	1.0E-02	0.25	1.6E-02	0.40	4E-02
Cs-134 (about 2 years)	1.3E-02	0.22	2.0E-02	0.33	4.5E-02	0.75	2.8E-02	0.47	3.2E-02	0.53	6.4E-02	1.1	6E-02
Cs-137 (about 30 years)	1.3E-02	0.14	1.9E-02	0.21	4.0E-02	0.44	2.6E-02	0.29	3.5E-02	0.39	6.7E-02	0.74	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\text{exponent}}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

Place of Sampling	3 km offshore of Natsui River		3 km offshore of Onahama Port										Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 6:59 April 29, 2011		At 5:59 April 29, 2011										
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	1.0E-02	0.25	Not Detectable	-									4E-02
Cs-134 (about 2 years)	4.1E-02	0.68	Not Detectable	-									6E-02
Cs-137 (about 30 years)	4.5E-02	0.50	6.4E-03	0.07									9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-									4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-									4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-									3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-									1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-									2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-									3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-									3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-									3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-									4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on April 30, 2011		Sample not collected on April 30, 2011		Sample not collected on April 30, 2011		At 8:40 April 30, 2011		At 8:15 April 30, 2011		At 7:55 April 30, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	1.5E-02	0.38	6.4E-03	0.16	1.0E-02	0.25	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	5.5E-02	0.92	2.0E-02	0.33	4.8E-02	0.80	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	6.4E-02	0.71	2.1E-02	0.23	4.6E-02	0.51	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

. E - means . x 1 0 ^ .

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on April 30, 2011		Sample not collected on April 30, 2011		At 8:31 April 30, 2011		At 8:04 April 30, 2011		Sample not collected on April 30, 2011		At 8:56 April 30, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)					8.5E-03	0.21	8.5E-03	0.21			1.4E-02	0.35	4E-02
Cs-134 (about 2 years)					3.3E-02	0.55	2.0E-02	0.33			4.5E-02	0.75	6E-02
Cs-137 (about 30 years)					4.0E-02	0.44	2.0E-02	0.22			4.6E-02	0.51	9E-02
Mo-99 (about 66 hours)					Not Detectable	-	Not Detectable	-			Not Detectable	-	4E+01
Tc-99m (about 6 hours)					Not Detectable	-	Not Detectable	-			Not Detectable	-	4E+01
Te-129m (about 34 days)					Not Detectable	-	Not Detectable	-			Not Detectable	-	3E-01
Te-129 (about 70 minutes)					Not Detectable	-	Not Detectable	-			Not Detectable	-	1E+01
Te-132 (about 3 days)					Not Detectable	-	Not Detectable	-			Not Detectable	-	2E-01
I-132 (about 2 hours)					Not Detectable	-	Not Detectable	-			Not Detectable	-	3E+00
Cs-136 (about 13 days)					Not Detectable	-	Not Detectable	-			Not Detectable	-	3E-01
Ba-140 (about 13 days)					Not Detectable	-	Not Detectable	-			Not Detectable	-	3E-01
La-140 (about 2 days)					Not Detectable	-	Not Detectable	-			Not Detectable	-	4E-01

. E - means . × 1 0 ^{...}

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

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				Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 7:33 April 30, 2011		At 6:20 April 30, 2011		At 6:35 April 30, 2011		At 7:16 April 30, 2011		At 6:53 April 30, 2011			
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	-	1.4E-02	0.35	8.4E-03	0.21	Not Detectable	-	Not Detectable	-			4E-02
Cs-134 (about 2 years)	2.8E-02	0.47	3.5E-02	0.58	3.5E-02	0.58	2.3E-02	0.38	1.7E-02	0.28			6E-02
Cs-137 (about 30 years)	1.9E-02	0.21	3.8E-02	0.42	2.2E-02	0.24	2.2E-02	0.24	1.8E-02	0.20			9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		Sample not collected on May 1, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	/	/	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	/	/	/	/	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	/	/	/	/	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	/	/	/	/	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	/	/	/	/	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	/	/	/	/	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	/	/	/	/	/	/	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	/	/	/	/	/	/	4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

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				Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on May 1, 2011		At 6:00 May 1, 2011		At 6:20 May 1, 2011		Sample not collected on May 1, 2011		At 6:50 May 1, 2011				
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)			1.0E-02	0.25	1.0E-02	0.25			7.3E-03	0.18			4E-02
Cs-134 (about 2 years)			4.6E-02	0.77	2.9E-02	0.48			2.8E-02	0.47			6E-02
Cs-137 (about 30 years)			5.0E-02	0.56	2.7E-02	0.30			3.0E-02	0.33			9E-02
Mo-99 (about 66 hours)			Not Detectable	-	Not Detectable	-			Not Detectable	-			4E+01
Tc-99m (about 6 hours)			Not Detectable	-	Not Detectable	-			Not Detectable	-			4E+01
Te-129m (about 34 days)			Not Detectable	-	Not Detectable	-			Not Detectable	-			3E-01
Te-129 (about 70 minutes)			Not Detectable	-	Not Detectable	-			Not Detectable	-			1E+01
Te-132 (about 3 days)			Not Detectable	-	Not Detectable	-			Not Detectable	-			2E-01
I-132 (about 2 hours)			Not Detectable	-	Not Detectable	-			Not Detectable	-			3E+00
Cs-136 (about 13 days)			Not Detectable	-	Not Detectable	-			Not Detectable	-			3E-01
Ba-140 (about 13 days)			Not Detectable	-	Not Detectable	-			Not Detectable	-			3E-01
La-140 (about 2 days)			Not Detectable	-	Not Detectable	-			Not Detectable	-			4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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	Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		At 7:25 May 2, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	/	/	1.8E-02	0.20	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	/	/	/	/	Not Detectable	-	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		At 8:08 May 2, 2011		Sample not collected on May 2, 2011		Sample not collected on May 2, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	9E-02
Mo-99 (about 66 hours)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	3E-01
Te-129 (about 70 minutes)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	3E-01
Ba-140 (about 13 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	3E-01
La-140 (about 2 days)	/	/	/	/	/	/	Not Detectable	-	/	/	/	/	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

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				Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 7:35 May 2, 2011		At 6:12 May 2, 2011		At 6:30 May 2, 2011		At 7:15 May 2, 2011		At 6:53 May 2, 2011				
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	-	5.1E-03	0.13	Not Detectable	-	4.4E-03	0.11	Not Detectable	-			4E-02
Cs-134 (about 2 years)	Not Detectable	-	1.4E-02	0.23	1.9E-02	0.32	9.8E-03	0.16	Not Detectable	-			6E-02
Cs-137 (about 30 years)	Not Detectable	-	1.5E-02	0.17	2.0E-02	0.22	8.4E-03	0.09	1.5E-02	0.17			9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	-	9.3E-03	0.23	9.0E-03	0.23	Not Detectable	-	5.5E-03	0.14	Not Detectable	-	4E-02
Cs-134 (about 2 years)	1.6E-02	0.27	2.9E-02	0.48	2.3E-02	0.38	Not Detectable	-	1.2E-02	0.20	Not Detectable	-	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	Not Detectable	-	9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 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)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	3.3E-03	0.08	Not Detectable	-	Not Detectable	-	5.4E-03	0.14	5.3E-03	0.13	Not Detectable	-	4E-02
Cs-134 (about 2 years)	9.9E-03	0.17	1.9E-02	0.32	Not Detectable	-	1.6E-02	0.27	2.1E-02	0.35	Not Detectable	-	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
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	4E-01

E - means $\times 10^{\text{exponent}}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

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				Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	4.5E-03	0.11	Not Detectable	-	3.5E-03	0.09	4.0E-03	0.10	Not Detectable	-			4E-02
Cs-134 (about 2 years)	1.0E-02	0.17	Not Detectable	-	Not Detectable	-	8.3E-03	0.14	Not Detectable	-			6E-02
Cs-137 (about 30 years)	7.6E-03	0.08	Not Detectable	-	Not Detectable	-	9.2E-03	0.10	Not Detectable	-			9E-02
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E+01
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			1E+01
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			2E-01
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E+00
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			3E-01
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-			4E-01

E - means $\times 10^{\quad}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/3>

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 ³) (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 9:25 May 4, 2011		At 9:05 May 4, 2011		At 8:45 May 4, 2011		At 8:15 May 4, 2011		At 7:40 May 4, 2011		At 7:15 May 4, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3.4E-03	0.09	3.6E-03	0.09	4E-02
Cs-134 (about 2 years)	1.6E-02	0.27	1.7E-02	0.28	Not Detectable	—	Not Detectable	—	1.1E-02	0.18	9.8E-03	0.16	6E-02
Cs-137 (about 30 years)	1.5E-02	0.17	2.0E-02	0.22	2.3E-02	0.26	Not Detectable	—	1.5E-02	0.17	1.4E-02	0.16	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/3>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 9:55 May 4, 2011		At 10:10 May 4, 2011		At 8:07 May 4, 2011		At 7:36 May 4, 2011		At 9:55 May 4, 2011		At 8:33 May 4, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	3.0E-03	0.08	Not Detectable	—	Not Detectable	—	5.2E-03	0.13	Not Detectable	—	3.5E-03	0.09	4E-02
Cs-134 (about 2 years)	7.2E-03	0.12	2.0E-02	0.33	1.9E-02	0.32	1.5E-02	0.25	3.3E-02	0.55	2.2E-02	0.37	6E-02
Cs-137 (about 30 years)	9.3E-03	0.10	Not Detectable	—	1.8E-02	0.20	2.0E-02	0.22	2.2E-02	0.24	1.5E-02	0.17	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\text{exponent}}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/3>

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				Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 7:03 May 4, 2011		At 5:49 May 4, 2011		At 6:05 May 4, 2011		At 6:45 May 4, 2011		At 6:26 May 4, 2011				
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	2.8E-03	0.07	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E-02
Cs-134 (about 2 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			6E-02
Cs-137 (about 30 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	5.9E-03	0.07			9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E-01

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

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/4>

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 ³) (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 ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-02
Cs-134 (about 2 years)	1.1E-02	0.18	9.9E-03	0.17	Not Detectable	—	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	Not Detectable	—	5.6E-03	0.06	1.7E-02	0.19	1.2E-02	0.13	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/4>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3.1E-03	0.08	Not Detectable	—	4E-02
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	Not Detectable	—	2.0E-02	0.22	1.1E-02	0.12	2.4E-02	0.27	2.6E-02	0.29	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/4>

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 City (Upper Layer)		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-02
Cs-134 (about 2 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	1.3E-02	0.22	Not Detectable	—	Not Detectable	—	6E-02
Cs-137 (about 30 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	9.6E-03	0.11	Not Detectable	—	Not Detectable	—	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 4/4>

Place of Sampling	3 km offshore of Soma City (Lower Layer)												
Time and Date of Sample Collection	At 10:20 May 5, 2011												
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density Limit by the announcement of Reactor Regulation (Bq/cm ³) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	Not Detectable	—											4E-02
Cs-134 (about 2 years)	Not Detectable	—											6E-02
Cs-137 (about 30 years)	Not Detectable	—											9E-02
Mo-99 (about 66 hours)	Not Detectable	—											4E+01
Tc-99m (about 6 hours)	Not Detectable	—											4E+01
Te-129m (about 34 days)	Not Detectable	—											3E-01
Te-129 (about 70 minutes)	Not Detectable	—											1E+01
Te-132 (about 3 days)	Not Detectable	—											2E-01
I-132 (about 2 hours)	Not Detectable	—											3E+00
Cs-136 (about 13 days)	Not Detectable	—											3E-01
Ba-140 (about 13 days)	Not Detectable	—											3E-01
La-140 (about 2 days)	Not Detectable	—											4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/4>

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 ³) (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 8:56 May 6, 2011		At 8:34 May 6, 2011		At 8:10 May 6, 2011		At 7:50 May 6, 2011		At 7:23 May 6, 2011		At 7:05 May 6, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	6.2E-03	0.16	Not Detectable	—	Not Detectable	—	4E-02
Cs-134 (about 2 years)	6.1E-03	0.10	Not Detectable	—	Not Detectable	—	Not Detectable	—	1.4E-02	0.23	1.6E-02	0.27	6E-02
Cs-137 (about 30 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1.6E-02	0.18	1.6E-02	0.18	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/4>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 9:30 May 6, 2011		At 9:43 May 6, 2011		At 7:50 May 6, 2011		At 7:20 May 6, 2011		At 10:03 May 6, 2011		At 8:15 May 6, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	8.3E-03	0.21	6.5E-03	0.16	1.0E-02	0.25	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-02
Cs-134 (about 2 years)	3.0E-02	0.50	2.3E-02	0.38	Not Detectable	—	Not Detectable	—	2.0E-02	0.33	Not Detectable	—	6E-02
Cs-137 (about 30 years)	1.9E-02	0.21	2.2E-02	0.24	2.1E-02	0.23	Not Detectable	—	2.6E-02	0.29	2.1E-02	0.23	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 3/4>

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 City (Upper Layer)		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 6:50 May 6, 2011		At 5:45 May 6, 2011		At 6:00 May 6, 2011		At 6:35 May 6, 2011		At 6:15 May 6, 2011		Sample not collected on May 6, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	7.1E-03	0.18	Not Detectable	—	6.0E-03	0.15	8.3E-03	0.21	Not Detectable	—			4E-02
Cs-134 (about 2 years)	2.1E-02	0.35	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			6E-02
Cs-137 (about 30 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	2.5E-02	0.28	Not Detectable	—			9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 4/4>

Place of Sampling	3 km offshore of Soma City (Lower Layer)												Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on May 6, 2011												
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 1/4>

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 ³) (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 7, 2011		At 9:15 May 7, 2011		At 9:10 May 7, 2011		At 8:20 May 7, 2011		At 7:50 May 7, 2011		At 7:30 May 7, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	3.0E-03	0.08	4.0E-03	0.10	4.0E-03	0.10	4E-02
Cs-134 (about 2 years)	Not Detectable	—	5.4E-03	0.09	Not Detectable	—	1.3E-02	0.22	1.4E-02	0.23	1.4E-02	0.23	6E-02
Cs-137 (about 30 years)	6.4E-03	0.07	6.7E-03	0.07	Not Detectable	—	1.6E-02	0.18	1.6E-02	0.18	1.5E-02	0.17	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

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 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 2/4>

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		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 10:15 May 7, 2011		At 10:25 May 7, 2011		At 8:00 May 7, 2011		At 7:30 May 7, 2011		At 10:00 May 7, 2011		At 8:20 May 7, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	4.5E-03	0.11	Not Detectable	—	Not Detectable	—	4E-02
Cs-134 (about 2 years)	1.9E-02	0.32	2.4E-02	0.40	2.7E-02	0.45	2.0E-02	0.33	2.5E-02	0.42	1.8E-02	0.30	6E-02
Cs-137 (about 30 years)	1.8E-02	0.20	2.7E-02	0.30	3.0E-02	0.33	2.0E-02	0.22	2.6E-02	0.29	1.9E-02	0.21	9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	4E-01

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 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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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 City (Upper Layer)		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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 7:00 May 7, 2011		At 5:50 May 7, 2011		At 6:05 May 7, 2011		At 6:40 May 7, 2011		At 6:25 May 7, 2011		Sample not collected on May 7, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E-02
Cs-134 (about 2 years)	Not Detectable	—	Not Detectable	—	Not Detectable	—	2.0E-02	0.33	Not Detectable	—			6E-02
Cs-137 (about 30 years)	2.8E-02	0.31	Not Detectable	—	Not Detectable	—	2.7E-02	0.30	Not Detectable	—			9E-02
Mo-99 (about 66 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Tc-99m (about 6 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E+01
Te-129m (about 34 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Te-129 (about 70 minutes)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			1E+01
Te-132 (about 3 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			2E-01
I-132 (about 2 hours)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E+00
Cs-136 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
Ba-140 (about 13 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			3E-01
La-140 (about 2 days)	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—	Not Detectable	—			4E-01

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 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

【 Definite Report 】 Results of Nuclide Analysis of Seawater <Offshore 4/4>

Place of Sampling	3 km offshore of Soma City (Lower Layer)												Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	Sample not collected on May 7, 2011												
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)													4E-02
Cs-134 (about 2 years)													6E-02
Cs-137 (about 30 years)													9E-02
Mo-99 (about 66 hours)													4E+01
Tc-99m (about 6 hours)													4E+01
Te-129m (about 34 days)													3E-01
Te-129 (about 70 minutes)													1E+01
Te-132 (about 3 days)													2E-01
I-132 (about 2 hours)													3E+00
Cs-136 (about 13 days)													3E-01
Ba-140 (about 13 days)													3E-01
La-140 (about 2 days)													4E-01

E - means $\times 10^{\dots}$
 In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.