

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

Place of Sampling	15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 14:03 April 2, 2011		At 13:35 April 2, 2012		At 13:12 April 2, 2013		
Detected Nuclides (Half-life)	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	1.1E-01	2.7	1.1E-01	2.8	7.6E-02	1.9	4E-02
Cs-134 (about 2 years)	2.3E-02	0.39	1.9E-02	0.32	ND	—	6E-02
Cs-137 (about 30 years)	2.6E-02	0.29	2.5E-02	0.28	ND	—	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	9E-01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	ND	—	ND	—	4E-01

. E - means . × 1 0  <sup>.</sup>

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	15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 12:39 April 3, 2011		At 12:20 April 3, 2012		At 12:02 April 3 2013		
Detected Nuclides (Half-life)	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	1.5E-01	3.8	7.7E-02	1.9	4.6E-02	1.2	4E-02
Cs-134 (about 2 years)	3.4E-02	0.57	ND	—	ND	—	6E-02
Cs-137 (about 30 years)	3.9E-02	0.43	1.8E-02	0.20	ND	—	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	9E-01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	ND	—	ND	—	4E-01

. E - means . × 1 0  <sup>.</sup>

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	15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 12:29 April 4, 2011		At 12:10 April 4, 2012		At 11:55 April 4 2013		
Detected Nuclides (Half-life)	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	1.9E-01	4.8	8.5E-02	2.1	4.7E-02	1.2	4E-02
Cs-134 (about 2 years)	5.2E-02	0.87	ND	-	ND	-	6E-02
Cs-137 (about 30 years)	6.4E-02	0.71	1.9E-02	0.21	ND	-	9E-02
Mo-99 ( about 66 hours )	ND	-	ND	-	ND	-	9E-01
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	4E+01
Te-129m (about 34 days)	ND	-	ND	-	ND	-	3E-01
Te-129 ( about 70 min )	ND	-	ND	-	ND	-	1E+01
Te-132 (about 3 days)	ND	-	ND	-	ND	-	2E-01
I-132 (about 2 hours)	ND	-	ND	-	ND	-	3E+00
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	3E-01
Ba-140 ( about 13 days )	ND	-	ND	-	ND	-	3E-01
La-140 ( about 2 days )	6.3E-03	0.02	ND	-	ND	-	4E-01

. E - means . x 1 0<sup>-</sup>

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

Highlighted(yellow) : Data was corrected from preliminary report. (before correction: 2.7E-02 after correction ND: Not Detected)

Reason for change : Reassessment of nuclide identification for major peaks.

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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 Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		15 km offshore of Iwasawa Shore		15 km offshore of Hirono-machi		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)									
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )		Scaling Factor ( / )								
I-131 (about 8 days)	At 14:03 April 5, 2011	5.7E-02	1.4	At 13:48 April 5, 2011	2.0E-01	5.0	At 13:33 April 5, 2011	1.9E-01	4.8	At 15:45 April 5, 2011	1.0E-01	2.5	At 13:15 April 5, 2011	7.2E-02	1.8	At 16:14 April 5, 2011	9.6E-02	2.4	At 13:00 April 5, 2011	6.0E-02	1.5	At 16:53 April 5, 2011	1.8E-01	4.5	At 12:44 April 5, 2011	9.8E-02	2.5	4E-02
Cs-134 (about 2 years)	ND	—	6.5E-02	1.1	7.6E-02	1.3	4.9E-02	0.82	2.3E-02	0.38	2.5E-02	0.42	1.8E-02	0.30	3.1E-01	5.2	5.7E-02	1.0	6E-02									
Cs-137 (about 30 years)	1.8E-02	0.20	7.1E-02	0.79	7.7E-02	0.86	4.5E-02	0.50	ND	—	2.2E-02	0.24	ND	—	3.2E-01	3.6	5.9E-02	0.66	9E-02									
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01									
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01									
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01									
Te-129 (about 70 min)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01									
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1.7E-02	0.09	4.0E-03	0.02	2E-01									
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00									
Cs-136 (about 13 days)	ND	—	9.1E-03	0.03	ND	—	ND	—	ND	—	ND	—	ND	—	2.3E-02	0.08	6.3E-03	0.02	3E-01									
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01									
La-140 (about 2 days)	ND	—	ND	—	5.2E-03	0.01	ND	—	ND	—	ND	—	ND	—	8.6E-03	0.02	ND	—	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 compared with 1.

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

(April 6, 1/2)

Place of Sampling	15 km offshore of Minamisoma City		15 km offshore of Minamisoma City		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Fukushima Daini		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 10:41 April 6, 2011	At 11:30 April 6, 2011	At 11:38 April 6, 2011	At 12:29 April 6, 2011	At 12:12 April 6, 2011	At 12:52 April 6, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	6.6E-02	1.7	2.4E-02	0.60	2.3E-01	5.8	2.1E-01	5.3	9.2E-02	2.3	2.5E-02	0.63	4E-02
Cs-134 (about 2 years)	4.5E-02	0.75	ND	—	1.2E-01	2.0	8.9E-02	1.5	3.7E-02	0.62	ND	—	6E-02
Cs-137 (about 30 years)	4.6E-02	0.51	ND	—	1.3E-01	1.4	1.0E-01	1.1	3.7E-02	0.41	ND	—	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	9.6E-02	0.32	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	9.0E-03	0.05	ND	—	ND	—	ND	—	3.9E-03	0.02	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	-	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	9.2E-03	0.03	ND	—	ND	-	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	ND	—	ND	-	ND	—	3E-01
La-140 ( about 2 days )	ND	—	ND	—	1.2E-02	0.03	1.1E-02	0.03	ND	-	ND	—	4E-01

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

(April 6, 2/2)

Place of Sampling	15 km offshore of Ukedo-gawa		15 km offshore of Ukedo-gawa		15 km offshore of Iwasawa Shore		15 km offshore of Iwasawa Shore		15 km offshore of Hirono-machi		15 km offshore of Hirono-machi		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 11:10 April 6, 2011	At 11:54 April 6, 2011	At 12:44 April 6, 2011	At 13:15 April 6, 2011	At 13:18 April 6, 2011	At 13:37 April 6, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	4.2E-01	11	3.8E-01	10	ND	—	2.4E-02	0.60	3.1E-02	0.78	ND	—	4E-02
Cs-134 (about 2 years)	1.9E-01	3.2	1.8E-01	3.0	ND	—	ND	—	1.2E-02	0.20	ND	—	6E-02
Cs-137 (about 30 years)	2.0E-01	2.2	1.9E-01	2.1	ND	—	ND	—	1.4E-02	0.16	ND	—	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	1.2E-02	0.04	1.3E-02	0.04	ND	—	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	1.6E-02	0.04	1.3E-02	0.03	ND	—	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 7, 1/2)

Place of Sampling	15 km offshore of Minamisoma City		15 km offshore of Minamisoma City		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Fukushima Daini		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 10:41 April 6, 2011	At 11:30 April 6, 2011	At 11:38 April 6, 2011	At 12:29 April 6, 2011	At 12:12 April 6, 2011	At 12:52 April 6, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	3.7E-01	9.3	/	/	9.9E-02	2.5	/	/	4.0E-02	1.0	4.6E-02	1.2	4E-02
Cs-134 (about 2 years)	2.0E-01	3.3	/	/	4.2E-02	0.70	/	/	1.1E-02	0.18	1.9E-02	0.32	6E-02
Cs-137 (about 30 years)	2.1E-01	2.3	/	/	4.2E-02	0.47	/	/	1.3E-02	0.14	1.9E-02	0.21	9E-02
Mo-99 ( about 66 hours )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	1.5E-02	0.05	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
La-140 ( about 2 days )	1.7E-02	0.04	/	/	ND	—	/	/	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-1</sup>

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

(April 7, 2/2)

Place of Sampling	15 km offshore of Ukedo-gawa		15 km offshore of Ukedo-gawa		15 km offshore of Iwasawa Shore		15 km offshore of Iwasawa Shore		15 km offshore of Hirono-machi		15 km offshore of Hirono-machi		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 11:10 April 6, 2011	At 11:54 April 6, 2011	At 12:44 April 6, 2011	At 13:15 April 6, 2011	At 13:18 April 6, 2011	At 13:37 April 6, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	1.6E-01	4.0	/	/	5.3E-02	1.3	5.6E-02	1.4	3.0E-02	0.75	4.8E-02	18.8	4E-02
Cs-134 (about 2 years)	9.3E-02	1.6	/	/	ND	—	2.2E-02	0.37	8.5E-03	0.14	2.8E-02	2.4	6E-02
Cs-137 (about 30 years)	8.1E-02	0.90	/	/	ND	—	ND	—	7.3E-03	0.08	2.4E-02	0.90	9E-02
Mo-99 ( about 66 hours )	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	7.3E-03	0.02	/	/	ND	—	ND	—	ND	—	6.4E-03	0.02	3E-01
Ba-140 ( about 13 days )	3.3E-02	0.11	/	/	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	/	/	ND	—	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-1</sup>

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>

(April 8, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)													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 min )													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<sup>-</sup>

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>

(April 8, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		Sample not collected on April 8, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)													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 min )													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<sup>-</sup>

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>

(April 9, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)													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 min )													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<sup>-</sup>

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>

(April 9, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		Sample not collected on April 9, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)													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 min )													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<sup>-</sup>

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>

(April 10, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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.

【 Fixed 】 Results of Nuclide Analysis of Seawater <Offshore>

(April 10, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 10, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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>

(April 11, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 10:24 April 11, 2011		Sample not collected on April 11, 2011		At 10:00 April 11, 2011		At 11:18 April 11, 2011		At 9:31 April 11, 2011		At 10:53 April 11, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	9.2E-01	23			2.7E-01	6.8	2.4E-01	6.0	2.2E-01	5.5	1.9E-01	4.8	4E-02
Cs-134 (about 2 years)	7.6E-01	13			2.0E-01	3.3	1.9E-01	3.2	1.5E-01	2.5	1.5E-01	2.5	6E-02
Cs-137 (about 30 years)	7.6E-01	8.4			2.0E-01	2.2	2.0E-01	2.2	1.6E-01	1.8	1.5E-01	1.7	9E-02
Mo-99 ( about 66 hours )	ND	—			ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—			ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—			ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—			ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—			ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—			ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	3.5E-02	0.12			1.5E-02	0.05	7.6E-03	0.03	1.2E-02	0.04	5.5E-03	0.02	3E-01
Ba-140 ( about 13 days )	8.3E-02	0.28			3.4E-02	0.11	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	5.3E-02	0.13			1.7E-02	0.04	1.3E-02	0.03	1.1E-02	0.03	1.3E-02	0.03	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 11, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 9:01 April 11, 2011		At 10:27 April 11, 2011		At 8:37 April 11, 2011		At 9:58 April 11, 2011		At 8:10 April 11, 2011		At 9:30 April 11, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	2.0E-01	5.0	2.1E-01	5.3	4.9E-02	1.2	4.0E-02	1.0	1.6E-02	0.40	8.1E-03	0.20	4E-02
Cs-134 (about 2 years)	1.5E-01	2.5	1.7E-01	2.8	3.7E-02	0.62	3.1E-02	0.52	ND	—	5.9E-03	0.10	6E-02
Cs-137 (about 30 years)	1.4E-01	1.6	1.7E-01	1.9	3.5E-02	0.39	3.2E-02	0.36	ND	—	7.5E-03	0.08	9E-02
Mo-99 ( about 66 hours )	ND	—	4E+01										
Tc-99m (about 6 hours)	ND	—	4E+01										
Te-129m (about 34 days)	ND	—	3E-01										
Te-129 ( about 70 min )	ND	—	1E+01										
Te-132 (about 3 days)	ND	—	2E-01										
I-132 (about 2 hours)	ND	—	3E+00										
Cs-136 (about 13 days)	ND	—	7.9E-03	0.03	ND	—	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	2.7E-02	0.09	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	1.6E-02	0.04	1.1E-02	0.03	ND	—	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 12, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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<sup>-</sup>

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>

(April 12, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Sample not collected on April 12, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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<sup>-</sup>

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>

(April 13, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	/	/	/	/	/	/	/	/	/	/	/	/	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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>

(April 13, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Sample not collected on April 13, 2011		Sample not collected on April 13, 2011		At 9:25 April 13, 2011		Sample not collected on April 13, 2011		At 8:42 April 13, 2011		Sample not collected on April 13, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	/	/	/	/	1.2E-01	3.0	/	/	2.1E-02	0.53	/	/	4E-02
Cs-134 (about 2 years)	/	/	/	/	1.2E-01	2.0	/	/	1.9E-02	0.32	/	/	6E-02
Cs-137 (about 30 years)	/	/	/	/	1.1E-01	1.2	/	/	ND	-	/	/	9E-02
Mo-99 ( about 66 hours )	/	/	/	/	ND	-	/	/	ND	-	/	/	4E+01
Tc-99m (about 6 hours)	/	/	/	/	ND	-	/	/	ND	-	/	/	4E+01
Te-129m (about 34 days)	/	/	/	/	ND	-	/	/	ND	-	/	/	3E-01
Te-129 ( about 70 min )	/	/	/	/	ND	-	/	/	ND	-	/	/	1E+01
Te-132 (about 3 days)	/	/	/	/	ND	-	/	/	ND	-	/	/	2E-01
I-132 (about 2 hours)	/	/	/	/	ND	-	/	/	ND	-	/	/	3E+00
Cs-136 (about 13 days)	/	/	/	/	ND	-	/	/	ND	-	/	/	3E-01
Ba-140 ( about 13 days )	/	/	/	/	ND	-	/	/	ND	-	/	/	3E-01
La-140 ( about 2 days )	/	/	/	/	1.0E-02	0.03	/	/	ND	-	/	/	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>

(April 14, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 9:42 April 14, 2011		Sample not collected on April 13, 2011		At 9:14 April 14, 2011		Sample not collected on April 13, 2011		At 8:48 April 14, 2011		At 10:43 April 14, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	7.6E-02	1.9	/	/	2.7E-01	6.8	/	/	1.9E-01	4.8	1.4E-01	3.5	4E-02
Cs-134 (about 2 years)	6.9E-02	1.2	/	/	2.7E-01	4.5	/	/	1.9E-01	3.2	1.3E-01	2.2	6E-02
Cs-137 (about 30 years)	6.9E-02	0.77	/	/	2.8E-01	3.1	/	/	1.9E-01	2.1	1.4E-01	1.6	9E-02
Mo-99 ( about 66 hours )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	/	/	1.1E+02	0.04	/	/	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	/	/	ND	—	/	/	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	/	/	1.6E-02	0.04	/	/	1.2E-02	0.03	1.2E-02	0.03	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 14, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 8:22 April 14, 2011		At 10:19 April 14, 2011		At 7:57 April 14, 2011		At 9:51 April 14, 2011		At 7:30 April 14, 2011		At 9:29 April 14, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	9.3E-02	2.3	8.9E-02	2.2	7.7E-02	1.9	4.7E-02	1.2	2.7E-02	0.68	1.7E-02	0.43	4E-02
Cs-134 (about 2 years)	7.2E-02	1.2	8.0E-02	1.3	7.2E-02	1.2	4.2E-02	0.70	ND	—	ND	—	6E-02
Cs-137 (about 30 years)	9.1E-02	1.0	8.4E-02	0.93	7.6E-02	0.84	3.9E-02	0.43	2.3E-02	0.26	2.0E-02	0.22	9E-02
Mo-99 ( about 66 hours )	ND	—	4E+01										
Tc-99m (about 6 hours)	ND	—	4E+01										
Te-129m (about 34 days)	ND	—	3E-01										
Te-129 ( about 70 min )	ND	—	1E+01										
Te-132 (about 3 days)	ND	—	2E-01										
I-132 (about 2 hours)	ND	—	3E+00										
Cs-136 (about 13 days)	ND	—	ND	—	4.3E-03	0.01	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	3E-01										
La-140 ( about 2 days )	ND	—	ND	—	4.8E-03	0.01	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 15, 1/2)

Place of Sampling	15 km offshore of Minamisoma City				15 km offshore of Ukedo-gawa				15 km offshore of Fukushima Daiichi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 9:55 April 15, 2011		At 10:30 April 15, 2011		At 9:30 April 15, 2011		At 9:58 April 15, 2011		At 9:00 April 15, 2011		At 9:28 April 15, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	7.3E-02	1.8	5.0E-02	1.3	1.9E-01	4.8	1.9E-01	4.8	1.1E-01	2.8	1.2E-01	3.0	4E-02
Cs-134 (about 2 years)	6.3E-02	1.1	3.8E-02	0.63	2.1E-01	3.5	2.0E-01	3.3	1.1E-01	1.8	1.3E-01	2.2	6E-02
Cs-137 (about 30 years)	6.6E-02	0.73	3.7E-02	0.41	2.1E-01	2.3	2.3E-01	2.6	1.2E-01	1.3	1.3E-01	1.4	9E-02
Mo-99 ( about 66 hours )	ND	—	4E+01										
Tc-99m (about 6 hours)	ND	—	4E+01										
Te-129m (about 34 days)	ND	—	3E-01										
Te-129 ( about 70 min )	ND	—	1E+01										
Te-132 (about 3 days)	ND	—	2E-01										
I-132 (about 2 hours)	ND	—	3E+00										
Cs-136 (about 13 days)	ND	—	ND	—	1.1E+02	0.04	1.1E-02	0.04	ND	—	5.4E-03	0.02	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	ND	—	2.5E-02	0.08	ND	—	3E-01
La-140 ( about 2 days )	6.2E-03	0.02	ND	—	1.3E-02	0.03	1.7E-02	0.04	6.8E-03	0.02	9.1E-03	0.02	4E-01

. E - means . x 1 0<sup>-1</sup> .

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>

(April 15, 2/2)

Place of Sampling	15 km offshore of Fukushima Daini				15 km offshore of Iwasawa Shore				15 km offshore of Hirono-machi				Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	At 8:30 April 15, 2011		At 8:58 April 15, 2011		At 8:05 April 15, 2011		At 8:31 April 15, 2011		At 7:38 April 15, 2011		At 8:05 April 15, 2011		
Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	8.5E-02	2.1	2.0E-01	5.0	1.6E-01	4.0	1.6E-01	4.0	ND	—	1.7E-02	0.43	4E-02
Cs-134 (about 2 years)	8.7E-02	1.5	2.1E-01	3.5	1.8E-01	3.0	1.8E-01	3.0	ND	—	ND	—	6E-02
Cs-137 (about 30 years)	8.2E-02	0.91	2.1E-01	2.3	1.8E-01	2.0	1.7E-01	1.9	ND	—	6.3E-03	0.07	9E-02
Mo-99 ( about 66 hours )	ND	—	4E+01										
Tc-99m (about 6 hours)	ND	—	4E+01										
Te-129m (about 34 days)	ND	—	3E-01										
Te-129 ( about 70 min )	ND	—	1E+01										
Te-132 (about 3 days)	ND	—	2E-01										
I-132 (about 2 hours)	ND	—	3E+00										
Cs-136 (about 13 days)	ND	—	3E-01										
Ba-140 ( about 13 days )	ND	—	3E-01										
La-140 ( about 2 days )	8.3E-03	0.02	1.4E-02	0.04	7.0E-03	0.02	1.6E-02	0.04	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-1</sup> .

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>

(April 16, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	
I-131 (about 8 days)	Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		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 min)													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>

(April 16, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	
I-131 (about 8 days)	Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		Sample not collected on April 16, 2011		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 min)													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>

(April 17, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)		
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )		At 8:19 April 17, 2011	
I-131 (about 8 days)													6.8E-02	1.7	4E-02
Cs-134 (about 2 years)													7.7E-02	1.3	6E-02
Cs-137 (about 30 years)													7.6E-02	0.84	9E-02
Mo-99 ( about 66 hours )													ND	—	4E+01
Tc-99m (about 6 hours)													ND	—	4E+01
Te-129m (about 34 days)													ND	—	3E-01
Te-129 ( about 70 min )													ND	—	1E+01
Te-132 (about 3 days)													ND	—	2E-01
I-132 (about 2 hours)													ND	—	3E+00
Cs-136 (about 13 days)													ND	—	3E-01
Ba-140 ( about 13 days )													ND	—	3E-01
La-140 ( about 2 days )													ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 17, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)		
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	At 8:43 April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	At 8:10 April 17, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )		At 8:43 April 17, 2011	
I-131 (about 8 days)					2.9E-01	7.3	8.4E-02	2.1					1.9E-01	4.8	4E-02
Cs-134 (about 2 years)					3.9E-01	6.5	1.1E-01	1.8					2.7E-01	4.5	6E-02
Cs-137 (about 30 years)					3.9E-01	4.3	1.2E-01	1.3					3.0E-01	3.3	9E-02
Mo-99 ( about 66 hours )					ND	—	ND	—					ND	—	4E+01
Tc-99m (about 6 hours)					ND	—	ND	—					ND	—	4E+01
Te-129m (about 34 days)					ND	—	ND	—					ND	—	3E-01
Te-129 ( about 70 min )					ND	—	ND	—					ND	—	1E+01
Te-132 (about 3 days)					ND	—	ND	—					ND	—	2E-01
I-132 (about 2 hours)					ND	—	ND	—					ND	—	3E+00
Cs-136 (about 13 days)					1.3E-02	0.04	6.5E-03	0.02					1.1E-02	0.04	3E-01
Ba-140 ( about 13 days )					3.1E-02	0.10	ND	—					ND	—	3E-01
La-140 ( about 2 days )					9.6E-03	0.02	ND	—					1.5E-02	0.04	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 18, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 10:05 April 18, 2011	At 9:31 April 18, 2011	At 8:53 April 18, 2011	At 8:18 April 18, 2011	At 7:48 April 18, 2011	At 7:21 April 17, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	4.5E-02	1.1	9.2E-02	2.3	1.1E-01	2.8	2.0E-01	5.0	8.2E-02	2.1	1.0E-01	2.5	4E-02
Cs-134 (about 2 years)	5.4E-02	0.90	1.2E-01	2.0	1.5E-01	2.5	2.8E-01	4.7	1.2E-01	2.0	1.4E-01	2.3	6E-02
Cs-137 (about 30 years)	6.2E-02	0.69	1.3E-01	1.4	1.5E-01	1.7	2.9E-01	3.2	1.1E-01	1.2	1.5E-01	1.7	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	9.0E-03	0.03	ND	—	ND	—	3E-01
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (about 2 days)	6.4E-03	0.02	8.5E-03	0.02	9.1E-03	0.02	1.4E-02	0.04	ND	—	1.2E-02	0.03	4E-01

ND means  $< 1 \times 10^{-4}$

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>

(April 18, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:40 April 18, 2011	At 9:25 April 18, 2011	At 7:25 April 18, 2011	At 6:55 April 18, 2011	At 9:05 April 18, 2011	At 7:45 April 18, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	—	ND	—	2.4E-01	6.0	2.1E-01	5.3	1.3E-02	0.33	1.5E-01	3.8	4E-02
Cs-134 (about 2 years)	7.5E-03	0.13	ND	—	3.7E-01	6.2	2.9E-01	4.8	1.7E-02	0.28	3.1E-01	5.2	6E-02
Cs-137 (about 30 years)	ND	—	ND	—	3.8E-01	4.2	3.3E-01	3.7	1.7E-02	0.19	3.2E-01	3.6	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	1.4E-02	0.05	1.3E-02	0.04	ND	—	1.1E-02	0.04	3E-01
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (about 2 days)	ND	—	ND	—	1.5E-02	0.04	2.2E-02	0.06	ND	—	1.5E-02	0.04	4E-01

ND means  $< 1 \times 10^{-4}$

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>

(April 19, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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<sup>-</sup>

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>

(April 19, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Sample not collected on April 19, 2011	Density of Sample (Bq/cm <sup>3</sup> )	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 min )	/	/	/	/	/	/	/	/	/	/	/	/	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<sup>-</sup>

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>

(April 20, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )		Scaling Factor (/ /)
I-131 (about 8 days)	Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011	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 min )														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<sup>-</sup>

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>

(April 20, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (/ /)	Density of Sample (Bq/cm <sup>3</sup> )		Scaling Factor (/ /)
I-131 (about 8 days)	Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011		Sample not collected on April 20, 2011	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 min )														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<sup>-</sup>

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>

(April 21, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		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 min )													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<sup>-</sup>

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>

(April 21, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		Sample not collected on April 21, 2011		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 min )													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<sup>-</sup>

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>

(April 22, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 11:24 April 22, 2011	At 10:22 April 22, 2011	At 9:45 April 22, 2011	At 9:10 April 22, 2011	At 8:36 April 22, 2011	At 8:07 April 22, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	—	5.0E-03	0.13	1.0E-02	0.25	1.5E-02	0.38	3.7E-03	0.09	ND	—	4E-02
Cs-134 (about 2 years)	ND	—	1.1E-02	0.18	2.0E-02	0.33	3.3E-02	0.55	5.2E-03	0.09	ND	—	6E-02
Cs-137 (about 30 years)	ND	—	1.1E-02	0.12	2.4E-02	0.27	2.7E-02	0.30	ND	—	ND	—	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 22, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 10:32 April 22, 2011	At 10:10 April 22, 2011	At 7:45 April 22, 2011	At 7:10 April 22, 2011	At 9:40 April 22, 2011	At 8:00 April 22, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	ND	—	ND	—	5.6E-02	1.4	5.4E-02	1.4	ND	—	1.9E-02	0.48	4E-02
Cs-134 (about 2 years)	ND	—	ND	—	1.2E-01	2.0	1.2E-01	2.0	ND	—	4.4E-02	0.73	6E-02
Cs-137 (about 30 years)	ND	—	ND	—	1.2E-01	1.3	1.3E-01	1.4	2.4E-02	0.27	5.0E-02	0.56	9E-02
Mo-99 ( about 66 hours )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E+01
Te-129m (about 34 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
Te-129 ( about 70 min )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	1E+01
Te-132 (about 3 days)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	2E-01
I-132 (about 2 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	5.2E-03	0.02	ND	—	ND	—	3E-01
Ba-140 ( about 13 days )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 ( about 2 days )	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	4E-01

. E - means . x 1 0<sup>-</sup>

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>

(April 23, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )		
I-131 (about 8 days)	Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011	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 min )														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<sup>-</sup>

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>

(April 23, 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 <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)	
	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Time and Date of Sample Collection	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )		
I-131 (about 8 days)	Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011			Sample not collected on April 23, 2011	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 min )														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<sup>-</sup>

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