

【Definite Report】 Results of Nuclide Analysis of Seawater

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 23:45 on March 21, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclides (Half-life)	Density of Sample ( Bq/cm <sup>3</sup> )	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)	Scaling Factor ( / )	Density of Sample ( Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 ( about 71 days )	Not Detectable	1E+00	-	Not Detectable	—
Co-60 ( about 5 years )	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 ( about 64 days )	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 ( about 66 hours )	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m ( about 6 hours )	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 ( about 4 hours )	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 ( about 374 days )	Not Detectable	1E-01	-	Not Detectable	-
Te-129 ( about 70 minutes )	Not Detectable	1E+01	-	Not Detectable	—
Te-129m ( about 34 days )	Not Detectable	3E-01	-	Not Detectable	—
I-131 ( about 8 days )	6.6E-01	4E-02	17	6.558E-01	-
I-132 ( about 2 hours )	1.2E-01	3E+00	0.04	1.205E-01	-
Te-132 ( about 3 days )	3.2E-02	2E-01	0.16	Not Detectable	
Cs-134 ( about 2 years )	3.1E-02	6E-02	0.52	3.110E-02	-
I-135 ( about 6 hours )	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 ( about 13 days )	5.5E-03	3E-01	0.02	5.474E-03	-
Cs-137 ( about 30 years )	3.3E-02	9E-02	0.37	3.292E-02	-
Ba-140 ( about 13 days )	Not Detectable	3E-01	-	Not Detectable	-
La-140 ( about 2 days )	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 23:15 on March 21, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	5.704E-03	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.1E+00	4E-02	28	1.085E+00	-
I-132 (about 2 hours)	1.6E-01	3E+00	0.05	1.597E-01	-
Te-132 (about 3 days)	1.8E-02	2E-01	0.09	Not Detectable	
Cs-134 (about 2 years)	4.8E-02	6E-02	0.80	4.815E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	6.7E-03	3E-01	0.02	6.682E-03	-
Cs-137 (about 30 years)	5.3E-02	9E-02	0.59	5.283E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around the mouth of Tomioka River of 2F

【Time and Date of Sample Collection】 At 0:38 on March 22, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	1.028E-02	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	1.3E-02	4E+01	0.00	Not Detectable	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.2E+00	4E-02	80	3.211E+00	-
I-132 (about 2 hours)	8.8E-01	3E+00	0.29	8.761E-01	-
Te-132 (about 3 days)	1.6E-01	2E-01	0.80	Not Detectable	
Cs-134 (about 2 years)	7.5E-02	6E-02	1.3	7.535E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.2E-02	3E-01	0.04	1.159E-02	-
Cs-137 (about 30 years)	7.8E-02	9E-02	0.87	7.760E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

. 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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 6:30 on March 22, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm3)	Reason for Modification 1
Co-58 ( about 71days )	Not Detectable	1E+00	-	1.668E-02	
Co-60 ( about 5 years )	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 ( about 64days )	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 ( about 66 hours )	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m ( about 6 hours )	2.1E-02	4E+01	0.00	Not Detectable	
Ru-105 ( about 4 hours )	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 ( about 374days )	Not Detectable	1E-01	-	Not Detectable	-
Te-129 ( about 70 minutes )	Not Detectable	1E+01	-	Not Detectable	—
Te-129m ( about 34days )	Not Detectable	3E-01	-	Not Detectable	—
I-131 ( about 8days )	1.2E+00	4E-02	30	1.190E+00	-
I-132 ( about 2 hours )	7.3E-01	3E+00	0.24	1.362E+00	
Te-132 ( about 3days )	Not Detectable	2E-01	—	Not Detectable	—
Cs-134 ( about 2 years )	1.5E-01	6E-02	2.5	1.504E-01	-
I-135 ( about 6 hours )	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 ( about 13days )	2.4E-02	3E-01	0.08	2.350E-02	-
Cs-137 ( about 30 years )	1.5E-01	9E-02	1.7	1.535E-01	-
Ba-140 ( about 13days )	Not Detectable	3E-01	-	Not Detectable	-
La-140 ( about 2days )	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. E - means . × 1 0 - .

【Definite Report】 Results of Nuclide Analysis of Seawater

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 14:30 on March 21, 2011

( Re-evaluation )

( Announced on March 22 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	5.955E-02	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	9.0E-01	3E-01	3.0	Not Detectable	
I-131 (about 8 days)	5.1E+00	4E-02	130	5.066E+00	-
I-132 (about 2 hours)	2.1E+00	3E+00	0.70	2.136E+00	-
Te-132 (about 3 days)	2.4E+00	2E-01	12	Not Detectable	
Cs-134 (about 2 years)	1.5E+00	6E-02	25	1.486E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.1E-01	3E-01	0.70	2.132E-01	-
Cs-137 (about 30 years)	1.5E+00	9E-02	17	1.484E+00	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	1.6E-02	4E-01	0.04	Not Detectable	,

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 15:06 on March 22, 2011

( Re-evaluation )

( Announced on March 23 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	6.7E-01	4E-02	17	6.664E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.9E-02	6E-02	0.65	3.925E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	4.4E-02	9E-02	0.49	4.361E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 14:28 on March 22, 2011

( Re-evaluation )

( Announced on March 23 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	1.1E+00	4E-02	28	1.138E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	4.6E-02	6E-02	0.77	4.631E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	3.9E-02	9E-02	0.43	3.962E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 9:10 on March 23, 2011

( Re-evaluation )

( Announced on March 24 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	5.7E-02	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	8.3E-02	4E+01	0.00	8.3E-02	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	7.3E+00	
Te-129m (about 34 days)	1.3E+00	3E-01	4.3	1.3E+00	-
I-131 (about 8 days)	2.7E+00	4E-02	68	2.7E+00	-
I-132 (about 2 hours)	2.9E+00	3E+00	0.97	2.9E+00	-
Te-132 (about 3 days)	1.6E+00	2E-01	8.0	1.6E+00	-
Cs-134 (about 2 years)	1.8E+00	6E-02	30	1.8E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.3E-01	3E-01	0.77	2.3E-01	-
Cs-137 (about 30 years)	1.9E+00	9E-02	21	1.9E+00	-
Ba-140 (about 13 days)	1.3E-01	3E-01	0.43	1.3E-01	-
La-140 (about 2 days)	5.5E-02	4E-01	0.14	5.5E-02	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:50 on March 23, 2011

( Re-evaluation )

( Announced on March 24 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	5.0E-02	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	2.3E-01	
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	8.7E-01	
Ru-106 (about 374 days)	Not Detectable	1E-01	-	3.7E-01	
Te-129 (about 70 minutes)	2.2E-01	1E+01	0.00	4.0E+00	
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	5.9E+00	4E-02	150	5.9E+00	-
I-132 (about 2 hours)	5.4E+00	3E+00	1.8	5.4E+00	-
Te-132 (about 3 days)	4.0E-01	2E-01	2.0	4.0E-01	-
Cs-134 (about 2 years)	2.5E-01	6E-02	4.2	2.5E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.5E-02	3E-01	0.08	2.5E-02	-
Cs-137 (about 30 years)	2.5E-01	9E-02	2.8	2.5E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	1.3E-02	4E-01	0.03	1.3E-02	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 13:51 on March 23, 2011

( Re-evaluation )

( Announced on March 24 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	3.4E-02	
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	7.4E-01	4E-02	19	7.4E-01	-
I-132 (about 2 hours)	1.2E-01	3E+00	0.04	2.0E-01	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	5.1E-02	6E-02	0.85	5.1E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	5.5E-02	9E-02	0.61	5.5E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 14:25 on March 23, 2011

( Re-evaluation )

( Announced on March 24 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	3.3E-02	
Ru-106 (about 374 days)	Not Detectable	1E-01	-	1.2E-01	
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	7.6E-01	4E-02	19	7.6E-01	-
I-132 (about 2 hours)	2.2E-01	3E+00	0.07	3.3E-01	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.3E-02	6E-02	0.55	3.3E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	4.3E-02	9E-02	0.48	4.3E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 10:40 on March 24, 2011

( Re-evaluation )

( Announced on March 25 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	9.5E-01	4E-02	24	9.5E-01	-
I-132 (about 2 hours)	4.5E-01	3E+00	0.15	4.5E-01	-
Te-132 (about 3 days)	1.4E-01	2E-01	0.70	1.4E-01	-
Cs-134 (about 2 years)	1.1E-01	6E-02	1.8	1.1E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.1E-02	3E-01	0.04	1.1E-02	-
Cs-137 (about 30 years)	1.1E-01	9E-02	1.2	1.1E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 10:25 on March 24, 2011

( Re-evaluation )

( Announced on March 25 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	4.2E+00	4E-02	110	4.2E+00	-
I-132 (about 2 hours)	8.0E-02	3E+00	0.03	1.7E+00	-
Te-132 (about 3 days)	8.0E-02	2E-01	0.40	8.0E-02	-
Cs-134 (about 2 years)	4.5E-01	6E-02	7.5	4.4E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	6.1E-02	3E-01	0.20	6.1E-02	-
Cs-137 (about 30 years)	4.4E-01	9E-02	4.9	4.4E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	1.8E-02	4E-01	0.05	2.1E-02	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 9:30 on March 24, 2011

( Re-evaluation )

( Announced on March 25)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	5.6E-02	
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	1.1E+00	4E-02	28	1.1E+00	-
I-132 (about 2 hours)	9.1E-02	3E+00	0.03	1.2E-01	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	9.9E-02	6E-02	1.7	9.9E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	6.8E-02	
Cs-137 (about 30 years)	9.4E-02	9E-02	1.0	9.4E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 8:45 on March 24, 2011

( Re-evaluation )

( Announced on March 25 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	5.0E-01	4E-02	13	5.0E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.5E-02	6E-02	0.58	3.5E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	5.3E-03	-
Cs-137 (about 30 years)	3.8E-02	9E-02	0.42	3.8E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:50 on March 25, 2011

(Re-evaluation)

(Announced on March 26)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	2.5E-02	4E+01	0.00	3.4E-02	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.1E+01	4E-02	280	1.1E+01	-
I-132 (about 2 hours)	1.9E-01	3E+00	0.06	1.9E-01	-
Te-132 (about 3 days)	1.3E-01	2E-01	0.65	1.3E-01	-
Cs-134 (about 2 years)	1.7E+00	6E-02	28	1.7E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.0E-01	3E-01	0.67	2.0E-01	-
Cs-137 (about 30 years)	1.7E+00	9E-02	19	1.7E+00	-
Ba-140 (about 13 days)	2.8E-01	3E-01	0.93	2.8E-01	-
La-140 (about 2 days)	1.3E-01	4E-01	0.33	1.3E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:30 on March 25, 2011

(Re-evaluation)

(Announced on March 26)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	5.9E-02	
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	2.1E-01	9E-01	0.23	2.1E-01	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	5.0E+01	4E-02	1300	5.0E+01	-
I-132 (about 2 hours)	3.3E+00	3E+00	1.1	3.3E+00	-
Te-132 (about 3 days)	2.2E-01	2E-01	1.1	2.2E-01	-
Cs-134 (about 2 years)	7.0E+00	6E-02	120	7.0E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	8.0E-01	3E-01	2.7	8.0E-01	-
Cs-137 (about 30 years)	7.2E+00	9E-02	80	7.2E+00	-
Ba-140 (about 13 days)	1.2E+00	3E-01	4.0	1.2E+00	-
La-140 (about 2 days)	5.8E-01	4E-01	1.5	5.8E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 10:00 on March 25, 2011

( Re-evaluation )

( Announced on March 26 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.3E-01	4E-02	11	4.3E-01	-
I-132 (about 2 hours)	5.8E-02	3E+00	0.02	5.8E-02	-
Te-132 (about 3 days)	1.3E-02	2E-01	0.07	1.3E-02	-
Cs-134 (about 2 years)	2.6E-02	6E-02	0.43	2.6E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	4.4E-03	3E-01	0.01	4.4E-03	-
Cs-137 (about 30 years)	3.4E-02	9E-02	0.38	3.4E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 9:10 on March 25, 2011

( Re-evaluation )

( Announced on March 26 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.7E-01	4E-02	9.3	3.7E-01	-
I-132 (about 2 hours)	4.5E-02	3E+00	0.02	1.2E-01	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.0E-02	6E-02	0.33	2.0E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	4.2E-03	3E-01	0.01	4.2E-03	-
Cs-137 (about 30 years)	2.2E-02	9E-02	0.24	2.2E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:40 on March 26, 2011

(Re-evaluation)

(Announced on March 27)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	2.9E+01	4E-02	730	2.9E+01	-
I-132 (about 2 hours)	4.0E-02	3E+00	0.01	1.1E-01	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	5.0E+00	6E-02	83	5.0E+00	-
I-135 (about 6 hours)	Not Detectable	8.0E-01	-	1.0E+00	
Cs-136 (about 13 days)	5.4E-01	3E-01	1.8	5.4E-01	-
Cs-137 (about 30 years)	5.1E+00	9E-02	57	5.1E+00	-
Ba-140 (about 13 days)	8.6E-01	3E-01	2.9	8.6E-01	-
La-140 (about 2 days)	3.2E-01	4E-01	0.80	3.2E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 15:15 on March 26, 2011

( Re-evaluation )

( Announced on March 27 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.1E-01	4E-02	10	4.1E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.6E-02	6E-02	0.43	2.6E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	2.7E-02	9E-02	0.30	2.7E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:20 on March 26, 2011

(Re-evaluation)

(Announced on March 27)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	4.7E-02	4E+01	0.00	6.8E-02	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.0E+01	4E-02	800	3.0E+01	-
I-132 (about 2 hours)	7.3E-01	3E+00	0.2	2.0E+00	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	4.7E+00	6E-02	80	4.7E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	5.2E-01	3E-01	1.7	5.2E-01	-
Cs-137 (about 30 years)	4.8E+00	9E-02	53	4.8E+00	-
Ba-140 (about 13 days)	7.7E-01	3E-01	2.6	7.7E-01	-
La-140 (about 2 days)	3.5E-01	4E-01	0.9	3.5E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 14:30 on March 26, 2011

( Re-evaluation )

( Announced on March 27 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	7.3E-02	
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	9.1E-02	4E+01	0.00	1.2E-01	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	3.0E+00	1E+01	0.30	3.0E+00	-
Te-129m (about 34 days)	1.3E+00	3E-01	4.3	1.3E+00	—
I-131 (about 8 days)	7.4E+01	4E-02	1900	7.4E+01	-
I-132 (about 2 hours)	3.8E+00	3E+00	1.3	3.8E+00	-
Te-132 (about 3 days)	1.0E+00	2E-01	5.0	1.0E+00	-
Cs-134 (about 2 years)	1.2E+01	6E-02	200	1.2E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.3E+00	3E-01	4.3	1.3E+00	-
Cs-137 (about 30 years)	1.2E+01	9E-02	130	1.2E+01	-
Ba-140 (about 13 days)	1.8E+00	3E-01	6.0	1.8E+00	-
La-140 (about 2 days)	8.7E-01	4E-01	2.2	8.7E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 15:15 on March 26, 2011

( Re-evaluation )

( Announced on March 27 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.1E-01	4E-02	10	4.1E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.6E-02	6E-02	0.43	2.6E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	2.7E-02	9E-02	0.30	2.7E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 15:50 on March 26, 2011

( Re-evaluation )

( Announced on March 27 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.0E-01	4E-02	7.5	3.0E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.3E-02	6E-02	0.22	1.3E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
Cs-137 (about 30 years)	1.4E-02	9E-02	0.16	1.4E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:50 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	8.1E+00	4E-02	200	8.1E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.6E+00	6E-02	27	1.6E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.8E-01	3E-01	0.60	1.8E-01	-
Cs-137 (about 30 years)	1.7E+00	9E-02	19	1.7E+00	-
Ba-140 (about 13 days)	2.7E-01	3E-01	0.90	2.7E-01	-
La-140 (about 2 days)	1.1E-01	4E-01	0.28	1.1E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. E - means . × 1 0 - .

【Definite Report】 Results of Nuclide Analysis of Seawater

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 14:05 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	5.0E-02	4E+01	0.00	Not Detectable	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.6E+01	4E-02	1200	4.6E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	9.8E+00	6E-02	160	9.8E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	9.8E-01	3E-01	3.3	9.8E-01	-
Cs-137 (about 30 years)	9.8E+00	9E-02	110	9.8E+00	-
Ba-140 (about 13 days)	1.6E+00	3E-01	5.3	1.6E+00	-
La-140 (about 2 days)	5.5E-01	4E-01	1.4	5.5E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:30 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.1E+01	4E-02	300	1.1E+01	-
I-132 (about 2 hours)	1.5E-01	3E+00	0.05	3.4E-01	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.9E+00	6E-02	30	1.9E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.1E-01	3E-01	0.70	2.1E-01	-
Cs-137 (about 30 years)	1.9E+00	9E-02	21	1.9E+00	-
Ba-140 (about 13 days)	3.0E-01	3E-01	1.0	3.0E-01	-
La-140 (about 2 days)	2.1E-01	4E-01	0.53	2.1E-01	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 13:50 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.0E+01	4E-02	300	1.0E+01	-
I-132 (about 2 hours)	1.6E-01	3E+00	0.05	3.5E-01	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.9E+00	6E-02	30	1.9E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.9E-01	3E-01	0.63	1.9E-01	-
Cs-137 (about 30 years)	1.8E+00	9E-02	20	1.8E+00	-
Ba-140 (about 13 days)	2.6E-01	3E-01	0.87	2.6E-01	-
La-140 (about 2 days)	1.4E-01	4E-01	0.35	1.4E-01	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 14:30 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.8E+00	4E-02	95	3.8E+00	-
I-132 (about 2 hours)	1.1E-02	3E+00	0.00	1.5E-02	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	5.4E-01	6E-02	9.0	5.4E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	5.5E-02	3E-01	0.18	5.5E-02	-
Cs-137 (about 30 years)	5.7E-01	9E-02	6.3	5.7E-01	-
Ba-140 (about 13 days)	9.6E-02	3E-01	0.32	Not Detectable	
La-140 (about 2 days)	2.7E-02	4E-01	0.07	Not Detectable	

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 8:45 on March 27, 2011

( Re-evaluation )

( Announced on March 28 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	2.9E-01	4E-02	7.3	2.9E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.0E-02	6E-02	0.33	2.0E-02	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.3E-03	3E-01	0.01	2.3E-03	-
Cs-137 (about 30 years)	2.4E-02	9E-02	0.27	2.4E-02	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	Not Detectable	4E-01	-	Not Detectable	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:40 on March 28, 2011

(Re-evaluation)

(Announced on March 29)

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.3E+01	4E-02	830	3.3E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	6.6E+00	6E-02	110	6.6E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	6.8E-01	3E-01	2.3	6.8E-01	-
Cs-137 (about 30 years)	6.6E+00	9E-02	73	6.6E+00	-
Ba-140 (about 13 days)	1.1E+00	3E-01	3.7	1.1E+00	-
La-140 (about 2 days)	5.2E-01	4E-01	1.3	5.2E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 14:40 on March 28, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	-
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	-
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	-
I-131 (about 8 days)	2.7E+01	4E-02	680	2.7E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	5.6E+00	6E-02	93	5.6E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	5.6E-01	3E-01	1.9	5.6E-01	-
Cs-137 (about 30 years)	5.7E+00	9E-02	63	5.7E+00	-
Ba-140 (about 13 days)	8.8E-01	3E-01	2.9	8.8E-01	-
La-140 (about 2 days)	3.7E-01	4E-01	0.93	3.7E-01	-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:20 on March 28, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.4E+00	4E-02	35	1.4E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	5.6E-02	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.8E-01	6E-02	4.7	2.8E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.6E-02	3E-01	0.09	2.6E-02	-
Cs-137 (about 30 years)	2.9E-01	9E-02	3.2	2.9E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	2.7E-02	4E-01	0.07	2.7E-02	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 14:20 on March 28, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.1E+00	4E-02	28	1.1E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.4E-01	6E-02	4.0	2.4E-01	-
I-135 (about 6 hours)	Not Detectable	8.0E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.4E-02	3E-01	0.08	2.4E-02	-
Cs-137 (about 30 years)	2.4E-01	9E-02	2.7	2.4E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	1.6E-02	4E-01	0.04	1.7E-02	

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 AT 9:35 on March 28, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.8E+00	4E-02	95	3.8E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	6.1E-01	6E-02	10	6.1E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	6.3E-02	3E-01	0.21	6.3E-02	-
Cs-137 (about 30 years)	6.2E-01	9E-02	6.9	6.2E-01	-
Ba-140 (about 13 days)	9.5E-02	3E-01	0.32	9.5E-02	-
La-140 (about 2 days)	4.5E-02	4E-01	0.11	4.5E-02	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 8:45 on March 28, 2011

( Re-evaluation )

( Announced on March 29 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	2.4E+00	4E-02	60	2.4E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.3E-01	6E-02	5.5	3.3E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.5E-02	3E-01	0.08	2.5E-02	-
Cs-137 (about 30 years)	3.8E-01	9E-02	4.2	3.8E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	Not Detectable	-
La-140 (about 2 days)	2.5E-02	4E-01	0.06	2.8E-02	

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:40 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	4.9E-02	4E+01	0.00	6.6E-02	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.9E+01	4E-02	1200	4.9E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.2E+01	6E-02	200	1.2E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.1E+00	3E-01	3.7	1.1E+00	-
Cs-137 (about 30 years)	1.2E+01	9E-02	130	1.2E+01	-
Ba-140 (about 13 days)	1.9E+00	3E-01	6.3	1.9E+00	-
La-140 (about 2 days)	6.6E-01	4E-01	1.7	6.6E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 14:10 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	5.3E-02	4E+01	0.00	6.4E-02	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	5.1E+01	4E-02	1300	5.1E+01	-
I-132 (about 2 hours)	7.3E-02	3E+00	0.02	Not Detectable	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.2E+01	6E-02	200	1.2E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.1E+00	3E-01	3.7	1.1E+00	-
Cs-137 (about 30 years)	1.2E+01	9E-02	130	1.2E+01	-
Ba-140 (about 13 days)	2.0E+00	3E-01	6.7	2.0E+00	-
La-140 (about 2 days)	6.9E-01	4E-01	1.7	6.9E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:20 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	9.2E-02	4E+01	0.00	1.2E-01	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.0E+02	4E-02	2500	1.0E+02	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.4E+01	6E-02	400	2.4E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.2E+00	3E-01	7.3	2.2E+00	-
Cs-137 (about 30 years)	2.4E+01	9E-02	270	2.4E+01	-
Ba-140 (about 13 days)	3.7E+00	3E-01	12	3.7E+00	-
La-140 (about 2 days)	2.0E+00	4E-01	5.0	2.0E+00	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 13:55 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	1.3E-01	4E+01	0.00	1.6E-01	
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.3E+02	4E-02	3300	1.3E+02	-
I-132 (about 2 hours)	1.1E-01	3E+00	0.04	Not Detectable	
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.1E+01	6E-02	517	3.1E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.8E+00	3E-01	9.3	2.8E+00	-
Cs-137 (about 30 years)	3.2E+01	9E-02	360	3.2E+01	-
Ba-140 (about 13 days)	5.0E+00	3E-01	17	5.0E+00	-
La-140 (about 2 days)	2.5E+00	4E-01	6.3	2.5E+00	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 10:15 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.6E+00	4E-02	40	1.6E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.2E-01	6E-02	5.3	3.2E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.5E-02	3E-01	0.08	2.5E-02	-
Cs-137 (about 30 years)	3.2E-01	9E-02	3.6	3.2E-01	-
Ba-140 (about 13 days)	5.3E-02	3E-01	0.18	5.3E-02	-
La-140 (about 2 days)	2.4E-02	4E-01	0.06	2.4E-02	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 9:20 on March 29, 2011

( Re-evaluation )

( Announced on March 30 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.3E+00	4E-02	33	1.3E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	2.3E-01	6E-02	3.8	2.3E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.7E-02	3E-01	0.06	1.7E-02	-
Cs-137 (about 30 years)	2.3E-01	9E-02	2.6	2.3E-01	-
Ba-140 (about 13 days)	3.6E-02	3E-01	0.12	3.6E-02	-
La-140 (about 2 days)	1.6E-02	4E-01	0.04	1.6E-02	-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 8:40 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	5.7E+01	4E-02	1400	5.7E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.5E+01	6E-02	250	1.5E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.3E+00	3E-01	4.3	1.3E+00	-
Cs-137 (about 30 years)	1.5E+01	9E-02	170	1.5E+01	-
Ba-140 (about 13 days)	2.3E+00	3E-01	7.7	2.3E+00	-
La-140 (about 2 days)	7.8E-01	4E-01	2.0	7.8E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 North of Discharge Channel of 5-6u of 1F

【Time and Date of Sample Collection】 At 14:15 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	4.7E+01	4E-02	1200	4.7E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.2E+01	6E-02	200	1.2E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	1.2E+00	3E-01	4.0	1.2E+00	-
Cs-137 (about 30 years)	1.2E+01	9E-02	130	1.2E+01	-
Ba-140 (about 13 days)	1.9E+00	3E-01	6.3	1.9E+00	-
La-140 (about 2 days)	6.8E-01	4E-01	1.7	6.8E-01	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 8:20 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	3.2E+01	4E-02	800	3.2E+01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	8.3E+00	6E-02	140	8.3E+00	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	7.3E-01	3E-01	2.4	7.3E-01	-
Cs-137 (about 30 years)	8.3E+00	9E-02	92	8.3E+00	-
Ba-140 (about 13 days)	1.3E+00	3E-01	4.3	1.3E+00	-
La-140 (about 2 days)	6.3E-01	4E-01	1.6	6.3E-01	—

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around South Discharge Channel of 1F

【Time and Date of Sample Collection】 At 13:55 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	—
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.8E+02	4E-02	4500	1.8E+02	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	4.7E+01	6E-02	780	4.7E+01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	4.2E+00	3E-01	14	4.2E+00	-
Cs-137 (about 30 years)	4.7E+01	9E-02	520	4.7E+01	-
Ba-140 (about 13 days)	7.3E+00	3E-01	24	7.3E+00	-
La-140 (about 2 days)	3.6E+00	4E-01	9.0	3.6E+00	-

1 In accordance with the preventive measures, identification and determination of radioactivity density were conducted based on main peaks. Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, transcription error has been modified.

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

【Place of Sampling】 Around North Discharge Channel of 2F

【Time and Date of Sample Collection】 At 10:00 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	1.6E+00	4E-02	40	1.6E+00	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	3.6E-01	6E-02	6.0	3.6E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.6E-02	3E-01	0.09	2.6E-02	-
Cs-137 (about 30 years)	3.4E-01	9E-02	3.8	3.4E-01	-
Ba-140 (about 13 days)	5.2E-02	3E-01	0.17	5.2E-02	-
La-140 (about 2 days)	2.2E-02	4E-01	0.06	2.2E-02	—

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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

【Place of Sampling】 Around Iwasawa Shore of 2F

【Time and Date of Sample Collection】 At 9:05 on March 30, 2011

( Re-evaluation )

( Announced on March 31 )

Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Reason for Modification 1
Co-58 (about 71 days)	Not Detectable	1E+00	-	Not Detectable	—
Co-60 (about 5 years)	Not Detectable	2E-02	-	Not Detectable	-
Zr-95 (about 64 days)	Not Detectable	9E-01	-	Not Detectable	-
Mo-99 (about 66 hours)	Not Detectable	9E-01	-	Not Detectable	-
Tc-99m (about 6 hours)	Not Detectable	4E+01	-	Not Detectable	-
Ru-105 (about 4 hours)	Not Detectable	3E+00	-	Not Detectable	-
Ru-106 (about 374 days)	Not Detectable	1E-01	-	Not Detectable	-
Te-129 (about 70 minutes)	Not Detectable	1E+01	-	Not Detectable	—
Te-129m (about 34 days)	Not Detectable	3E-01	-	Not Detectable	—
I-131 (about 8 days)	8.8E-01	4E-02	22	8.8E-01	-
I-132 (about 2 hours)	Not Detectable	3E+00	-	Not Detectable	-
Te-132 (about 3 days)	Not Detectable	2E-01	-	Not Detectable	-
Cs-134 (about 2 years)	1.8E-01	6E-02	3.0	1.8E-01	-
I-135 (about 6 hours)	Not Detectable	8E-01	-	Not Detectable	-
Cs-136 (about 13 days)	2.1E-02	3E-01	0.07	2.1E-02	-
Cs-137 (about 30 years)	1.9E-01	9E-02	2.1	1.9E-01	-
Ba-140 (about 13 days)	Not Detectable	3E-01	-	2.6E-02	-
La-140 (about 2 days)	1.2E-02	4E-01	0.03	1.2E-02	-

1 In accordance with the preventive measures, Identification and determination of radioactivity density were conducted based on main peaks, Evaluation of radioactivity density were re-evaluated based on radiative balance. Furthermore, Transcription error has been modified.

. 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>

Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:20 March 31, 2011		At 13:40 March 31, 2011		At 8:40 March 31, 2011		At 14:00 March 31, 2011		At 10:00 March 31, 2011		At 9:15 March 31, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	4.5E+01	1,100	8.3E+01	2,100	7.4E+01	1,900	8.7E+01	2,200	1.5E+00	38	8.0E-01	20	4E-02
Cs-134 (about 2 years)	1.2E+01	200	2.6E+01	430	2.1E+01	350	2.5E+01	420	3.6E-01	6.0	1.6E-01	2.7	6E-02
Cs-137 (about 30 years)	1.2E+01	130	2.6E+01	290	2.1E+01	230	2.5E+01	280	3.6E-01	4.0	1.8E-01	2.0	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-01
Tc-99m (about 6 hours)	ND	—	6.5E-02	0.00	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)	9.8E-01	3.3	2.1E+00	7.0	1.8E+00	6.0	2.2E+00	7.3	2.6E-02	0.09	1.4E-02	0.05	3E-01
Ba-140 (about 13 days)	1.7E+00	5.7	3.7E+00	12	3.3E+00	11	3.9E+00	13	6.2E-02	0.21	5.3E-02	0.18	3E-01
La-140 (about 2 days)	7.4E-01	1.9	1.6E+00	4.0	1.8E+00	4.5	1.9E+00	4.8	1.6E-02	0.04	7.1E-03	0.02	4E-01

※ O.OE—O means O.O×10<sup>-O</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 <Coast>

Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:40 April 1, 2011		At 14:15 April 1, 2011		At 8:20 April 1, 2011		At 14:00 April 1, 2011		At 9:50 April 1, 2011		At 9:00 April 1, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.2E+02	3,000	7.5E+01	1,900	7.1E+01	1,800	3.8E+01	950	1.1E+00	28	8.3E-01	21	4E-02
Cs-134 (about 2 years)	3.7E+01	620	2.4E+01	400	2.2E+01	370	1.1E+01	180	3.0E-01	5.0	2.0E-01	3.3	6E-02
Cs-137 (about 30 years)	3.7E+01	410	2.5E+01	280	2.2E+01	240	1.1E+01	120	2.9E-01	3.2	1.9E-01	2.1	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	3.0E+00	10	1.9E+00	6.3	1.7E+00	5.7	8.3E-01	2.8	2.6E-02	0.09	2.0E-02	0.07	3E-01
Ba-140 (about 13 days)	5.2E+00	17	3.5E+00	12	3.3E+00	11	1.7E+00	5.7	4.5E-02	0.15	ND	—	3E-01
La-140 (about 2 days)	3.1E+00	7.8	1.8E+00	4.5	1.7E+00	4.3	7.1E-01	1.8	2.1E-02	0.05	1.0E-02	0.03	4E-01

※ O.OE—O means O.Ox10<sup>-O</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 <Coast>

Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:50 April 2, 2011		At 13:40 April 2, 2011		At 8:30 April 2, 2011		At 13:20 April 2, 2011		At 9:55 April 2, 2011		At 9:00 April 2, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	5.3E+01	1,300	3.3E+01	820	6.0E-01	15	4.4E-01	11	5.4E-01	14	1.4E-01	3.5	4E-02
Cs-134 (about 2 years)	2.1E+01	350	1.3E+01	220	1.1E+00	18	5.1E-01	8.4	1.7E-01	2.8	5.1E-02	0.90	6E-02
Cs-137 (about 30 years)	2.1E+01	230	1.3E+01	140	1.1E+00	12	5.1E-01	5.6	1.8E-01	2.0	4.4E-02	0.50	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	1.6E+00	5.3	1.0E+00	3.3	9.3E-02	0.31	4.1E-02	0.14	9.8E-03	0.03	ND	—	3E-01
Ba-140 (about 13 days)	3.0E+00	10	2.0E+00	6.6	ND	—	ND	—	ND	—	ND	—	3E-01
La-140 (about 2 days)	1.4E+00	3.5	9.2E-01	2.3	9.9E-02	0.25	3.7E-02	0.09	ND	—	ND	—	4E-01

※ O.OE—O means O.O×10<sup>-O</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 <Coast>

Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:00 April 3, 2011		At 14:05 April 3, 2011		At 8:40 April 3, 2011		At 13:50 April 3, 2011		At 9:35 April 3, 2011		At 8:50 April 3, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.2E+01	300	9.6E+00	240	2.9E+01	730	2.5E+01	630	2.8E-01	7.0	7.9E-02	2.0	4E-02
Cs-134 (about 2 years)	5.0E+00	83	3.7E+00	62	1.1E+01	180	1.0E+01	170	9.9E-02	1.7	1.8E-02	0.29	6E-02
Cs-137 (about 30 years)	5.0E+00	56	3.7E+00	41	1.1E+01	120	1.0E+01	110	9.2E-02	1.0	2.8E-02	0.31	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	3.9E-02	0.01	1.9E-02	0.01	ND	—	5.2E-02	0.02	ND	—	ND	—	3E+00
Cs-136 (about 13 days)	3.8E-01	1.3	2.6E-01	0.87	8.2E-01	2.7	7.4E-01	2.5	ND	—	2.9E-03	0.01	3E-01
Ba-140 (about 13 days)	8.5E-01	2.8	4.8E-01	1.6	1.7E+00	5.7	1.5E+00	5.0	ND	—	ND	—	3E-01
La-140 (about 2 days)	3.3E-01	0.83	3.4E-01	0.85	7.2E-01	1.8	7.1E-01	1.8	4.5E-03	0.01	ND	—	4E-01

※ O.OE—O means O.O×10<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:25 April 4, 2011		At 14:40 April 4, 2011		At 9:00 April 4, 2011		At 14:20 April 4, 2011		At 9:50 April 4, 2011		At 8:40 April 4, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	5.3E+00	130	5.3E+00	130	1.1E+01	280	4.1E+01	1,000	5.5E-01	14	7.1E-02	1.8	4E-02
Cs-134 (about 2 years)	2.3E+00	38	2.5E+00	40	5.1E+00	85	1.9E+01	320	2.2E-01	3.7	2.0E-02	0.33	6E-02
Cs-137 (about 30 years)	2.3E+00	26	2.6E+00	30	5.1E+00	57	1.9E+01	210	2.4E-01	2.7	2.5E-02	0.28	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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	—	4.2E-02	0.01	ND	—	ND	—	2.9E-03	0.00	3E+00
Cs-136 (about 13 days)	1.6E-01	0.53	1.8E-01	0.60	3.5E-01	1.2	1.3E+00	4.3	1.2E-02	0.04	ND	—	3E-01
Ba-140 (about 13 days)	2.3E-01	0.77	3.0E-01	1.0	6.6E-01	2.2	2.8E+00	9.3	ND	—	ND	—	3E-01
La-140 (about 2 days)	1.3E-01	0.33	1.5E-01	0.38	2.9E-01	0.73	1.1E+00	2.8	1.7E-02	0.04	ND	—	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:15 April 5, 2011		At 14:30 April 5, 2011		At 8:55 April 5, 2011		At 14:10 April 5, 2011		At 9:45 April 5, 2011		At 8:50 April 5, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	2.4E+01	600	1.6E+01	400	1.6E+01	400	1.1E+01	280	3.1E+00	78	3.7E+00	93	4E-02
Cs-134 (about 2 years)	1.3E+01	220	7.5E+00	130	7.7E+00	130	5.3E+00	90	1.4E+00	23	1.4E+00	23	6E-02
Cs-137 (about 30 years)	1.3E+01	140	7.7E+00	90	7.8E+00	87	5.4E+00	60	1.4E+00	16	1.4E+00	16	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	8.1E-01	2.7	5.0E-01	1.7	5.0E-01	1.7	3.5E-01	1.2	8.7E-02	0.29	9.0E-02	0.30	3E-01
Ba-140 (about 13 days)	1.7E+00	5.7	1.2E+00	4.0	1.1E+00	3.7	7.7E-01	2.6	2.1E-01	0.70	2.2E-01	0.73	3E-01
La-140 (about 2 days)	6.6E-01	1.7	4.5E-01	1.1	5.0E-01	1.2	3.4E-01	0.85	7.2E-02	0.18	3.5E-02	0.09	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:55 April 6, 2011		At 14:20 April 6, 2011		At 8:30 April 6, 2011		At 14:05 April 6, 2011		At 9:05 April 6, 2011		At 8:35 April 6, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	2.4E+01	600	4.1E+01	1,000	3.2E+00	80	3.7E+00	93	2.2E+00	55	2.6E+00	65	4E-02
Cs-134 (about 2 years)	1.4E+01	230	2.3E+01	380	2.1E+00	35	2.4E+00	40	1.1E+00	18	1.1E+00	18	6E-02
Cs-137 (about 30 years)	1.4E+01	160	2.4E+01	270	2.0E+00	22	2.5E+00	28	1.1E+00	12	1.1E+00	12	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	8.3E-01	2.8	1.4E+00	4.7	1.4E-01	0.47	1.4E-01	0.47	5.7E-02	0.19	7.2E-02	0.24	3E-01
Ba-140 (about 13 days)	1.8E+00	6.0	3.1E+00	10	1.9E-01	0.63	2.4E-01	0.80	1.7E-01	1.1	1.5E-01	0.50	3E-01
La-140 (about 2 days)	6.7E-01	1.7	1.4E+00	3.5	1.1E-01	0.28	1.1E-01	0.28	4.0E-02	0.89	4.5E-02	0.11	4E-01

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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:50 April 7, 2011		At 14:20 April 7, 2011		At 8:30 April 7, 2011		At 14:00 April 7, 2011		At 9:55 April 7, 2011		At 9:10 April 7, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.1E+02	2,800	3.2E+01	800	2.2E+00	55	1.7E+00	43	1.8E+00	45	2.0E+00	50	4E-02
Cs-134 (about 2 years)	6.7E+01	1,100	2.0E+01	330	1.7E+00	28	1.8E+00	30	9.8E-01	16	1.0E+00	17	6E-02
Cs-137 (about 30 years)	6.8E+01	760	2.0E+01	220	1.7E+00	19	1.8E+00	20	1.0E+00	11	9.9E-01	11	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	3.9E+00	13	1.2E+00	4.0	9.9E-02	0.33	1.0E-01	0.33	5.7E-02	0.19	5.9E-02	0.20	3E-01
Ba-140 (about 13 days)	8.7E+00	29	2.6E+00	8.7	1.9E-01	0.63	1.3E-01	0.43	1.1E-01	0.37	1.2E-01	0.40	3E-01
La-140 (about 2 days)	3.5E+00	8.8	1.1E+00	2.8	6.6E-02	0.17	4.5E-02	0.11	5.0E-02	0.13	4.3E-02	0.11	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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 <Coast>

Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:15 April 8, 2011		At 14:25 April 8, 2011		At 8:55 April 8, 2011		At 13:55 April 8, 2011		At 9:05 April 8, 2011		At 8:10 April 8, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	5.0E+01	1,300	4.6E+01	1,200	1.9E+01	480	1.9E+00	48	1.4E+00	35	1.2E+00	30	4E-02
Cs-134 (about 2 years)	3.4E+01	570	2.9E+01	480	1.2E+01	200	1.9E+00	32	9.0E-01	15	6.6E-01	11	6E-02
Cs-137 (about 30 years)	3.4E+01	380	2.9E+01	320	1.2E+01	130	1.9E+00	21	8.8E-01	9.8	6.7E-01	7.4	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	4.2E+00	14	3.8E+00	13	1.5E+00	5.0	1.6E-01	0.53	1.1E-01	0.37	7.1E-02	0.24	3E-01
Ba-140 (about 13 days)	8.7E+00	29	2.6E+00	8.7	1.9E-01	0.63	1.3E-01	0.43	1.1E-01	0.37	1.2E-01	0.40	3E-01
La-140 (about 2 days)	3.5E+00	8.8	1.1E+00	2.8	6.6E-02	0.17	4.5E-02	0.11	5.0E-02	0.13	4.3E-02	0.11	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:40 April 9, 2011		At 13:50 April 9, 2011		At 8:20 April 9, 2011		At 13:30 April 9, 2011		At 8:30 April 9, 2011		At 8:00 April 9, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.3E+01	330	7.0E+00	180	6.1E+00	150	7.0E+00	180	1.0E+00	25	9.8E-01	25	4E-02
Cs-134 (about 2 years)	9.8E+00	160	5.4E+00	90	4.3E+00	72	4.9E+00	82	7.1E-01	12	6.3E-01	11	6E-02
Cs-137 (about 30 years)	9.8E+00	110	5.4E+00	60	4.4E+00	49	5.0E+00	56	7.1E-01	7.9	6.1E-01	6.8	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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+00	4.0	5.0E-01	1.7	4.8E-01	1.6	6.0E-01	2.0	6.5E-02	0.22	6.5E-02	0.22	3E-01
Ba-140 (about 13 days)	8.7E+00	29	2.6E+00	8.7	1.9E-01	0.63	1.3E-01	0.43	1.1E-01	0.37	1.2E-01	0.40	3E-01
La-140 (about 2 days)	3.5E+00	8.8	1.1E+00	2.8	6.6E-02	0.17	4.5E-02	0.11	5.0E-02	0.13	4.3E-02	0.11	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

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)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:45 April 10, 2011		At 13:30 April 10, 2011		At 8:25 April 10, 2011		At 13:15 April 10, 2011		At 8:25 April 10, 2011		At 7:55 April 10, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	6.8E+00	170	1.1E+01	280	2.2E+00	55	4.5E+00	110	1.2E+00	30	8.4E-01	21	4E-02
Cs-134 (about 2 years)	5.3E+00	88	8.7E+00	150	1.9E+00	32	3.6E+00	60	9.4E-01	16	5.6E-01	9.3	6E-02
Cs-137 (about 30 years)	5.3E+00	59	8.8E+00	98	2.0E+00	22	3.7E+00	41	9.6E-01	11	6.0E-01	6.7	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)	2.7E-01	0.90	4.1E-01	1.4	1.0E-01	0.33	1.9E-01	0.63	4.1E-02	0.14	2.7E-02	0.09	3E-01
Ba-140 (about 13 days)	5.5E-01	1.8	9.8E-01	3.3	1.7E-01	0.57	3.6E-01	1.2	9.3E-02	0.31	7.8E-02	0.26	3E-01
La-140 (about 2 days)	2.8E-01	0.70	3.7E-01	0.93	1.1E-01	0.28	1.4E-01	0.35	5.3E-02	0.13	2.8E-02	0.07	4E-01

※ O.OE—O means O.O×10<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:40 April 11, 2011		At 14:20 April 11, 2011		At 8:30 April 11, 2011		At 14:00 April 11, 2011		At 8:30 April 11, 2011		At 8:00 April 11, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	4.7E+00	120	6.9E+00	170	9.7E-01	24	9.5E-01	24	1.3E+00	33	1.4E+00	35	4E-02
Cs-134 (about 2 years)	2.5E+00	42	6.1E+00	100	1.1E+00	18	1.3E+00	22	1.1E+00	18	1.2E+00	20	6E-02
Cs-137 (about 30 years)	2.6E+00	29	6.2E+00	69	1.1E+00	12	1.3E+00	14	1.1E+00	12	1.2E+00	13	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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-01	0.40	2.7E-01	0.90	4.7E-02	0.16	5.9E-02	0.20	4.4E-02	0.15	5.5E-02	0.18	3E-01
Ba-140 (about 13 days)	1.9E-01	0.63	5.7E-01	1.9	7.3E-02	0.24	6.9E-02	0.23	1.3E-01	0.43	1.4E-01	0.47	3E-01
La-140 (about 2 days)	1.3E-01	0.33	2.7E-01	0.68	4.6E-02	0.12	3.5E-02	0.09	6.3E-02	0.16	4.8E-02	0.12	4E-01

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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:40 April 12, 2011		At 14:10 April 12, 2011		At 8:30 April 12, 2011		At 14:00 April 12, 2011		At 8:30 April 12, 2011		At 7:55 April 12, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.2E-01	18	1.7E+00	43	1.7E+00	43	1.3E+00	33	1.1E+00	28	1.1E+00	28	4E-02
Cs-134 (about 2 years)	9.0E-01	15	1.7E+00	28	1.8E+00	30	1.4E+00	23	1.0E+00	17	9.3E-01	16	6E-02
Cs-137 (about 30 years)	8.6E-01	9.6	1.8E+00	20	1.8E+00	20	1.4E+00	16	1.0E+00	11	9.7E-01	11	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	4.1E-02	0.14	8.4E-02	0.28	8.7E-02	0.29	6.2E-02	0.21	4.6E-02	0.15	3.9E-02	0.13	3E-01
Ba-140 (about 13 days)	5.6E-02	0.19	1.4E-01	0.47	1.6E-01	0.53	1.0E-01	0.33	1.1E-01	0.37	8.8E-02	0.29	3E-01
La-140 (about 2 days)	3.3E-02	0.08	8.1E-02	0.20	7.5E-02	0.19	6.0E-02	0.15	4.9E-02	0.12	4.3E-02	0.11	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:45 April 13, 2011		At 14:15 April 13, 2011		At 8:30 April 13, 2011		At 14:00 April 13, 2011		At 8:35 April 13, 2011		At 7:50 April 13, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.7E+00	43	1.6E+00	40	9.8E-01	25	9.7E-01	24	1.0E+00	25	1.1E+00	28	4E-02
Cs-134 (about 2 years)	1.9E+00	32	1.6E+00	27	1.3E+00	22	1.4E+00	23	1.0E+00	17	1.0E+00	17	6E-02
Cs-137 (about 30 years)	1.9E+00	21	1.7E+00	19	1.3E+00	14	1.4E+00	16	1.0E+00	11	1.1E+00	12	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	7.6E-02	0.25	7.7E-02	0.26	5.2E-02	0.17	5.7E-02	0.19	4.7E-02	0.16	4.3E-02	0.14	3E-01
Ba-140 (about 13 days)	1.3E-01	0.43	1.1E-01	0.37	1.2E-01	0.40	7.3E-02	0.24	1.1E-01	0.37	7.8E-02	0.26	3E-01
La-140 (about 2 days)	6.6E-02	0.17	7.9E-02	0.20	4.3E-02	0.11	4.0E-02	0.10	4.2E-02	0.11	4.7E-02	0.12	4E-01

※ O.OE—O means O.O×10<sup>-O</sup>.

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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:50 April 14, 2011		At 14:20 April 14, 2011		At 8:40 April 14, 2011		At 14:00 April 14, 2011		At 8:25 April 14, 2011		At 7:55 April 14, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.3E+00	33	8.1E-01	20	4.3E-01	11	1.2E+00	30	7.5E-01	19	8.4E-01	21	4E-02
Cs-134 (about 2 years)	1.2E+00	20	1.0E+00	17	7.1E-01	12	7.9E-01	13	8.8E-01	15	8.6E-01	14	6E-02
Cs-137 (about 30 years)	1.3E+00	14	1.0E+00	11	7.4E-01	8.2	8.1E-01	9.0	8.5E-01	9.4	8.7E-01	9.7	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	4.8E-02	0.16	4.3E-02	0.14	3.0E-02	0.10	2.8E-02	0.09	3.6E-02	0.12	3.9E-02	0.13	3E-01
Ba-140 (about 13 days)	1.1E-01	0.37	ND	—	4.0E-02	0.13	ND	—	7.3E-02	0.24	ND	—	3E-01
La-140 (about 2 days)	4.3E-02	0.11	2.3E-02	0.06	1.9E-02	0.05	2.7E-02	0.07	3.1E-02	0.08	3.5E-02	0.09	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:50 April 15, 2011		At 14:20 April 15, 2011		At 8:30 April 15, 2011		At 14:00 April 15, 2011		At 8:40 April 15, 2011		At 8:10 April 15, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.9E+00	48	1.3E+00	33	7.2E-01	18	5.9E-01	15	6.6E-01	17	4.8E-01	12	4E-02
Cs-134 (about 2 years)	1.9E+00	32	1.5E+00	25	8.9E-01	15	8.9E-01	15	8.6E-01	14	5.8E-01	9.7	6E-02
Cs-137 (about 30 years)	2.0E+00	22	1.5E+00	17	8.8E-01	9.8	9.5E-01	11	8.7E-01	9.7	5.9E-01	6.6	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	7.2E-02	0.24	6.3E-02	0.21	3.1E-02	0.10	3.7E-02	0.12	3.7E-02	0.12	2.0E-02	0.07	3E-01
Ba-140 (about 13 days)	1.4E-01	0.47	8.9E-02	0.30	ND	—	7.2E-02	0.24	6.5E-02	0.22	ND	—	3E-01
La-140 (about 2 days)	5.4E-02	0.14	3.5E-02	0.09	1.9E-02	0.05	2.1E-02	0.05	2.7E-02	0.07	1.8E-02	0.05	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:15 April 16, 2011		At 14:15 April 16, 2011		At 8:50 April 16, 2011		At 14:00 April 16, 2011		At 8:40 April 16, 2011		At 8:05 April 16, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.7E-01	19	4.8E-01	12	4.9E-01	12	3.6E-01	9.0	4.9E-01	12	3.0E-01	7.5	4E-02
Cs-134 (about 2 years)	8.9E-01	15	6.2E-01	10	7.1E-01	12	6.6E-01	11	6.9E-01	12	3.8E-01	6.3	6E-02
Cs-137 (about 30 years)	9.1E-01	10	6.6E-01	7.3	7.3E-01	8.1	6.8E-01	7.6	6.9E-01	7.7	4.0E-01	4.4	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	2.9E-02	0.10	2.1E-02	0.07	2.6E-02	0.09	2.1E-02	0.07	2.2E-02	0.07	9.3E-03	0.03	3E-01
Ba-140 (about 13 days)	4.5E-02	0.15	4.5E-02	0.15	ND	—	ND	—	5.4E-02	0.18	ND	—	3E-01
La-140 (about 2 days)	1.9E-02	0.05	1.3E-02	0.03	1.4E-02	0.04	1.2E-02	0.03	2.0E-02	0.05	1.8E-02	0.05	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:55 April 17, 2011		At 14:15 April 17, 2011		At 8:40 April 17, 2011		At 14:00 April 17, 2011		At 8:25 April 17, 2011		At 7:55 April 17, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	6.5E-01	16	3.8E-01	9.5	1.9E-01	4.8	1.4E-01	3.5	3.8E-01	9.5	2.6E-01	6.5	4E-02
Cs-134 (about 2 years)	8.4E-01	14	6.9E-01	12	5.6E-01	9.3	3.5E-01	5.8	5.2E-01	8.7	3.7E-01	6.2	6E-02
Cs-137 (about 30 years)	8.8E-01	9.8	6.9E-01	7.7	5.9E-01	6.6	3.6E-01	4.0	5.4E-01	6.0	3.8E-01	4.2	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	2.0E-02	0.07	2.8E-02	0.09	2.1E-02	0.07	1.6E-02	0.05	1.8E-02	0.06	1.4E-02	0.05	3E-01
Ba-140 (about 13 days)	5.8E-02	0.19	ND	—	ND	—	ND	—	4.8E-02	0.16	ND	—	3E-01
La-140 (about 2 days)	1.1E-02	0.03	1.0E-02	0.03	ND	—	ND	—	2.1E-02	0.05	6.1E-03	0.02	4E-01

※ O.OE—O means O.O×10<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:00 April 18, 2011		At 14:25 April 18, 2011		At 8:40 April 18, 2011		At 14:00 April 18, 2011		At 8:30 April 18, 2011		At 8:00 April 18, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	4.0E-01	10	2.4E-01	6.0	1.8E-01	4.5	8.1E-02	2.0	2.7E-01	6.8	2.3E-01	5.8	4E-02
Cs-134 (about 2 years)	6.8E-01	11	6.1E-01	10	5.3E-01	8.8	2.1E-01	3.5	4.6E-01	7.7	3.5E-01	5.8	6E-02
Cs-137 (about 30 years)	7.4E-01	8.2	6.3E-01	7.0	5.4E-01	6.0	2.2E-01	2.4	4.7E-01	5.2	3.4E-01	3.8	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	2.0E-02	0.07	1.9E-02	0.06	1.5E-02	0.05	6.7E-03	0.02	1.5E-02	0.05	1.8E-02	0.06	3E-01
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	3.6E-02	0.12	3E-01
La-140 (about 2 days)	ND	—	ND	—	5.5E-03	0.01	ND	—	1.3E-02	0.03	8.4E-03	0.02	4E-01

※ 〇.〇E—〇 means 〇.〇×10<sup>—〇</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:45 April 19, 2011		At 14:20 April 19, 2011		At 8:30 April 19, 2011		At 14:00 April 19, 2011		At 9:00 April 19, 2011		At 8:10 April 19, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.7E-02	1.9	3.9E-01	9.8	1.2E-01	3.0	3.1E-01	7.8	2.6E-01	6.5	1.6E-01	4.0	4E-02
Cs-134 (about 2 years)	3.1E-01	5.2	2.6E-01	4.3	3.4E-01	5.7	5.0E-01	8.3	4.5E-01	7.5	2.7E-01	4.5	6E-02
Cs-137 (about 30 years)	3.1E-01	3.4	2.7E-01	3.0	3.5E-01	3.9	5.1E-01	5.7	4.8E-01	5.3	2.7E-01	3.0	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	1.0E-02	0.03	7.1E-03	0.02	7.4E-03	0.02	1.8E-02	0.06	1.3E-02	0.04	1.0E-02	0.03	3E-01
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	2.6E-02	0.09	3E-01
La-140 (about 2 days)	ND	—	ND	—	ND	—	1.1E-02	0.03	1.6E-02	0.04	6.5E-03	0.02	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 9:00 April 20, 2011		At 14:20 April 20, 2011		At 8:40 April 20, 2011		At 14:00 April 20, 2011		At 8:35 April 20, 2011		At 8:00 April 20, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.1E-02	1.8	4.7E-02	1.2	1.4E-01	3.5	4.8E-02	1.2	1.9E-01	4.8	1.3E-01	3.3	4E-02
Cs-134 (about 2 years)	1.5E-01	2.5	1.3E-01	2.2	2.3E-01	3.8	1.9E-01	3.2	3.2E-01	5.3	2.2E-01	3.7	6E-02
Cs-137 (about 30 years)	1.4E-01	1.6	1.2E-01	1.3	2.5E-01	2.8	2.0E-01	2.2	3.4E-01	3.8	2.4E-01	2.7	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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	—	3.6E-03	0.01	7.6E-03	0.03	7.5E-03	0.03	7.2E-03	0.02	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	—	1.3E-02	0.03	5.9E-03	0.01	4E-01

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:45 April 21, 2011		At 14:30 April 21, 2011		At 8:30 April 21, 2011		At 14:05 April 21, 2011		At 8:30 April 21, 2011		At 8:00 April 21, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	1.4E-01	3.5	1.1E-01	2.8	8.1E-02	2.0	5.5E-02	1.4	8.8E-02	2.2	7.9E-02	2.0	4E-02
Cs-134 (about 2 years)	1.8E-01	3.0	1.9E-01	3.2	2.0E-01	3.3	2.0E-01	3.3	1.8E-01	3.0	1.8E-01	3.0	6E-02
Cs-137 (about 30 years)	1.7E-01	1.9	1.8E-01	2.0	2.2E-01	2.4	1.9E-01	2.1	1.8E-01	2.0	2.0E-01	2.2	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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)	6.4E-03	0.02	1.1E-02	0.04	5.5E-03	0.02	6.0E-03	0.02	5.1E-03	0.02	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

※ 0.0E-0 means 0.0 × 10<sup>-0</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:45 April 22, 2011		At 14:20 April 22, 2011		At 8:30 April 22, 2011		At 14:00 April 22, 2011		At 16:00 April 22, 2011		At 15:00 April 22, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.0E-02	1.8	6.3E-02	1.6	8.7E-02	2.2	6.8E-02	1.7	6.5E-02	1.6	3.9E-02	0.98	4E-02
Cs-134 (about 2 years)	1.3E-01	2.2	1.2E-01	2.0	1.5E-01	2.5	1.4E-01	2.3	1.6E-01	2.7	1.1E-01	1.8	6E-02
Cs-137 (about 30 years)	1.3E-01	1.4	1.1E-01	1.2	1.6E-01	1.8	1.4E-01	1.6	1.8E-01	2.0	1.1E-01	1.2	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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

※ O.OE—O means O.Ox 1 0<sup>-O</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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Reference

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
	Time and Date of Sample Collection	At 8:50 April 23, 2011		At 14:25 April 23, 2011		At 8:35 April 23, 2011		At 14:05 April 23, 2011		At 8:40 April 23, 2011		At 8:05 April 23, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	2.2E-01	5.5	2.6E-01	6.5	5.9E-02	1.5	5.0E-02	1.3	5.1E-02	1.3	4.0E-02	1.0	4E-02
Cs-134 (about 2 years)	1.2E-01	2.0	3.7E-01	6.2	1.2E-01	2.0	1.6E-01	2.7	1.0E-01	1.7	1.1E-01	1.8	6E-02
Cs-137 (about 30 years)	1.3E-01	1.4	3.7E-01	4.1	1.3E-01	1.4	1.5E-01	1.7	1.1E-01	1.2	1.2E-01	1.3	9E-02
Mo-99 (about 66 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	ND	—	9E-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	—	6.4E-03	0.02	ND	—	5.1E-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

※ O.OE—O means O.O×10<sup>-O</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.