【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 21, 2011		9:13 am ～ 9:23 am May 21, 2011		3:42 am ～3:52am May 21, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**4.9E-06**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**1.5E-05**	**0.01**	**2.8E-05**	**0.01**	**2.4E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.8E-05**	**0.01**	**2.7E-05**	**0.01**	**2.5E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 22, 2011		9:06 am ～ 9:16 am May 22, 2011		3:42 pm ～3:52 pm May 22, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**3.2E-06**	**0.00**	Not Detectable	－	**1.1E-06**	**0.00**	**1E-03**
Cs-134 (about 2 years)	**1.7E-05**	**0.01**	**1.2E-05**	**0.01**	**2.1E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.4E-05**	**0.00**	**9.6E-06**	**0.00**	**2.3E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	3:00 pm ～ 3:20 pm May 23, 2011		9:11 am ～ 9:21 am May 23, 2011		3:48 pm ～ 3:58 pm May 23, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**1.1E-05**	**0.01**	**9.3E-07**	**0.00**	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**8.5E-06**	**0.00**	**1.5E-05**	**0.01**	**2.1E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.9E-05**	**0.01**	**2.1E-05**	**0.01**	**2.2E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	**4.2E-05**	**0.01**	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 24, 2011		9:12 am ～ 9:22 am May 24, 2011		3:06 pm ～ 3:16 pm May 24, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**2.9E-06**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**8.8E-06**	**0.00**	**1.3E-05**	**0.01**	**1.2E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.6E-05**	**0.01**	**1.2E-05**	**0.00**	**1.4E-05**	**0.00**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×$10^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:44 am ～ 0:04 pm May 25, 2011		9:05 am ～ 9:15 am May 25, 2011		3:40 pm ～ 3:50 pm May 25, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**2.0E-05**	**0.02**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**2.7E-05**	**0.01**	**2.4E-05**	**0.01**	**1.0E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**2.3E-05**	**0.01**	**2.1E-05**	**0.01**	**1.4E-05**	**0.00**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 26, 2011		9:48 am ～ 9:58 am May 26, 2011		3:13 pm ～ 3:21 pm May 26, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**3.9E-06**	**0.00**	**1.2E-06**	**0.00**	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**1.4E-05**	**0.01**	**2.3E-05**	**0.01**	**1.4E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.7E-05**	**0.01**	**2.3E-05**	**0.01**	**1.5E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 27, 2011		9:03 am ～ 9:11 am May 27, 2011		3:06 pm ～ 3:15 pm May 27, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**6.8E-07**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**1.3E-05**	**0.01**	**1.1E-05**	**0.01**	**2.0E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**1.5E-05**	**0.01**	**8.0E-06**	**0.00**	**2.3E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 28, 2011		9:06 am ～ 9:16 am May 28, 2011		3:44 pm ～ 3:52 pm May 28, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**2.3E-06**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**7.0E-06**	**0.00**	**1.4E-05**	**0.01**	**1.4E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**9.0E-06**	**0.00**	**1.3E-05**	**0.00**	**1.2E-05**	**0.00**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 29, 2011		8:55 am ～ 9:04 am May 29, 2011		3:09 pm ～ 3:18 pm May 29, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	2.2E-06	0.00	2.8E-06	0.00	Not Detectable	－	1E-03
Cs-134 (about 2 years)	1.0E-05	0.01	1.1E-05	0.01	2.6E-05	0.01	2E-03
Cs-137 (about 30 years)	7.5E-06	0.00	1.5E-05	0.01	3.2E-05	0.01	3E-03
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	2E-02
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-01
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	3E-03
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-01
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-02
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	5E-03
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 30, 2011		9:09 am ～ 9:19 am May 30, 2011		3:24 pm ～ 3:33 pm May 30, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	2.6E-06	0.00	Not Detectable	－	Not Detectable	－	1E-03
Cs-134 (about 2 years)	2.4E-05	0.01	1.2E-05	0.01	2.7E-05	0.01	2E-03
Cs-137 (about 30 years)	2.7E-05	0.01	1.5E-05	0.01	2.7E-05	0.01	3E-03
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	2E-02
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-01
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	3E-03
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-01
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	5.3E-05	0.01	4E-03
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-02
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	5E-03
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am May 31, 2011		9:08 am ～ 9:15 am May 31, 2011		3:53 pm ～ 3:01 pm May 31, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-03
Cs-134 (about 2 years)	8.2E-06	0.00	1.2E-05	0.01	1.7E-05	0.01	2E-03
Cs-137 (about 30 years)	7.6E-06	0.00	1.1E-05	0.00	1.7E-05	0.01	3E-03
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	2E-02
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-01
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	3E-03
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-01
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-02
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	5E-03
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am June 1, 2011		9:06 am ～ 9:15 am June 1, 2011		3:06 pm ～ 3:15 pm June 1, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-03
Cs-134 (about 2 years)	6.7E-06	0.00	1.2E-05	0.01	1.2E-05	0.01	2E-03
Cs-137 (about 30 years)	7.5E-06	0.00	1.5E-05	0.01	1.0E-05	0.00	3E-03
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	2E-02
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-01
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	3E-03
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-01
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	7E-02
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	4E-03
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	5E-03
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	1E-02

※ Radioactivety density is sum total of volatile and particulate.

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am June 2, 2011		9:04 am ～ 9:13 am June 2, 2011		3:15 pm ～ 3:24 pm June 2, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**1.6E-06**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**9.0E-06**	**0.00**	**1.3E-05**	**0.01**	**1.4E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**9.8E-06**	**0.00**	**1.0E-05**	**0.00**	**1.5E-05**	**0.01**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×10$^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】Result of Nuclide Analysis of Radioactive Materials in the Air at the Site of Fukushima Nuclear Power Stations

Place of sampling	West gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm^3) *
Date and time of sampling	11:30 am ～ 11:50 am June 3, 2011		8:58 am ～ 9:06 am June 3, 2011		3:04 pm ～ 3:13 pm June 3, 2011		
Detected nuclide (half-life)	①Radioactivety density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	①Radioactivity density (Bq/cm^3)	Scaling factor (①/②)	
I-131 (about 8 days)	**4.4E-06**	**0.00**	Not Detectable	－	Not Detectable	－	**1E-03**
Cs-134 (about 2 years)	**5.9E-06**	**0.00**	**1.6E-05**	**0.01**	**1.2E-05**	**0.01**	**2E-03**
Cs-137 (about 30 years)	**8.1E-06**	**0.00**	**1.9E-05**	**0.01**	**1.2E-05**	**0.00**	**3E-03**
Nb-95 (about 35 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**2E-02**
Tc-99m (about 6 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-01**
Ag-110m (about 250 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**3E-03**
Te-129 (about 70 minutes)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-01**
Te-129m (about 34 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-132 (about 2 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**7E-02**
Te-132 (about 3 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**4E-03**
I-133 (about 21 hours)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**5E-03**
Cs-136 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
Ba-140 (about 13 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**
La-140 (about 2 days)	Not Detectable	－	Not Detectable	－	Not Detectable	－	**1E-02**

※ **Radioactivety density is sum total of volatile and particulate.**

※ ○.○E－○ means ○.○×$10^{-○}$

※ In case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable".**

【Final】 Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:10 May 21, 2011		At 13:40 May 21, 2011		At 8:40 May 21, 2011		At 13:10 May 21, 2011		At 8:30 May 21, 2011		At 7:50 May 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	13	0.33	11	0.28	5.0	0.13	ND	-	2.3	0.06	ND	-	40
Cs-134 (about 2 years)	92	1.5	84	1.4	66	1.1	76	1.3	10	0.17	17	0.28	60
Cs-137 (about 30 years)	92	1.0	75	0.83	81	0.90	74	0.82	14	0.16	20	0.22	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 8:25 May 22, 2011		At 13:40 May 22, 2011		At 8:00 May 22, 2011		At 13:20 May 22, 2011		At 8:35 May 22, 2011		At 7:50 May 22, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	50	0.83	40	0.67	47	0.78	45	0.75	13	0.22	19	0.32	60
Cs-137 (about 30 years)	54	0.60	56	0.62	51	0.57	52	0.58	15	0.17	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 May 23, 2011		At 14:15 May 23, 2011		At 9:00 May 23, 2011		At 13:50 May 23, 2011		At 8:45 May 23, 2011		At 8:05 May 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	55	0.92	50	0.83	31	0.52	49	0.82	15	0.25	ND	-	60
Cs-137 (about 30 years)	59	0.66	46	0.51	32	0.36	45	0.50	20	0.22	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:25 May 24, 2011		At 14:00 May 24, 2011		At 9:10 May 24, 2011		At 13:40 May 24, 2011		At 8:45 May 24, 2011		At 8:05 May 24, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	10	0.25	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	51	0.85	82	1.4	47	0.78	53	0.88	13	0.22	25	0.42	60
Cs-137 (about 30 years)	52	0.58	79	0.88	49	0.54	55	0.61	16	0.18	20	0.22	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 May 25, 2011		At 13:30 May 25, 2011		At 8:40 May 25, 2011		At 13:10 May 25, 2011		At 8:55 May 25, 2011		At 8:20 May 25, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	7.1	0.18	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	40	0.67	76	1.3	35	0.58	61	1.0	18	0.30	23	0.38	60
Cs-137 (about 30 years)	55	0.61	76	0.84	45	0.50	51	0.57	検出限界未満	-	33	0.37	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:40 May 26, 2011		At 14:00 May 26, 2011		At 9:20 May 26, 2011		At 13:40 May 26, 2011		At 8:35 May 26, 2011		At 8:05 May 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	33	0.55	55	0.92	81	1.4	35	0.58	20	0.33	19	0.32	60
Cs-137 (about 30 years)	37	0.41	61	0.68	86	0.96	45	0.50	ND	-	33	0.37	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:30 May 27, 2011		At 14:00 May 27, 2011		At 9:00 May 27, 2011		At 13:40 May 27, 2011		At 8:35 May 27, 2011		At 7:50 May 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	79	1.3	68	1.1	37	0.62	72	1.2	23	0.38	26	0.43	60
Cs-137 (about 30 years)	90	1.0	64	0.71	43	0.48	51	0.57	26	0.29	19	0.21	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:20 May 28, 2011		At 13:20 May 28, 2011		At 9:00 May 28, 2011		At 13:00 May 28, 2011		At 8:30 May 28, 2011		At 7:50 May 28, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	4.0	0.10	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	64	1.1	47	0.78	69	1.2	51	0.85	19	0.32	25	0.42	60
Cs-137 (about 30 years)	70	0.78	64	0.71	60	0.67	54	0.60	16	0.18	28	0.31	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:10 May 29, 2011		At 13:30 May 29, 2011		At 8:50 May 29, 2011		At 13:10 May 29, 2011		At 8:55 May 29, 2011		At 8:05 May 29, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	6.1	0.15	13	0.33	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	76	1.3	85	1.4	70	1.2	62	1.0	ND	-	33	0.55	60
Cs-137 (about 30 years)	80	0.89	79	0.88	73	0.81	69	0.77	21	0.23	42	0.47	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 30, 2011		Cancelled May 30, 2011		Cancelled May 30, 2011		Cancelled May 30, 2011		Cancelled May 30, 2011		At 7:55 May 30, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)											ND	-	40
Cs-134 (about 2 years)											30	0.50	60
Cs-137 (about 30 years)											32	0.36	90
Mo-99 (about 66 hours)											ND	-	40,000
Tc-99m (about 6 hours)											ND	-	40,000
Te-129m (about 34 days)											ND	-	300
Te-129 (about 70 minutes)											ND	-	10,000
Te-132 (about 3 days)											ND	-	200
I-132 (about 2 hours)											ND	-	3,000
Cs-136 (about 13 days)											ND	-	300
Ba-140 (about 13 days)											ND	-	300
La-140 (about 2 days)											ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 31, 2011		Cancelled May 31, 2011		Cancelled May 31, 2011		Cancelled May 31, 2011		At 8:40 May 31, 2011		At 8:00 May 31, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									33	0.55	33	0.55	60
Cs-137 (about 30 years)									35	0.39	39	0.43	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 June 1, 2011		At 14:00 June 1, 2011		At 9:10 June 1, 2011		At 13:45 June 1, 2011		At 9:30 June 1, 2011		At 7:50 June 1, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	50	0.83	33	0.55	26	0.43	25	0.42	53	0.88	55	0.92	60
Cs-137 (about 30 years)	62	0.69	28	0.31	24	0.27	23	0.26	38	0.42	57	0.63	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 June 2, 2011		At 14:00 June 2, 2011		At 9:00 June 2, 2011		At 13:45 June 2, 2011		At 9:05 June 2, 2011		At 8:05 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	71	1.2	53	0.88	48	0.80	24	0.40	26	0.43	68	1.1	60
Cs-137 (about 30 years)	70	0.78	58	0.64	53	0.59	28	0.31	26	0.29	63	0.70	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <Coast>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:30 June 3, 2011		At 13:55 June 3, 2011		At 9:10 June 3, 2011		At 13:40 June 3, 2011		At 9:10 June 3, 2011		At 7:55 June 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	45	0.75	26	0.43	22	0.37	34	0.57	ND	-	11	0.18	60
Cs-137 (about 30 years)	51	0.57	35	0.39	40	0.44	36	0.40	16	0.18	15	0.17	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 1/2>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 8:45 May 21, 2011		At 8:25 May 21, 2011		At 8:00 May 21, 2011		At 7:40 May 21, 2011		At 7:15 May 21, 2011		At 6:50 May 21, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 2/2>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:10 May 21, 2011		At 9:00 May 21, 2011		At 7:00 May 21, 2011		At 8:40 May 21, 2011		At 7:20 May 21, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	5.1	0.09	11	0.18	13	0.22	15	0.25	19	0.32			60
Cs-137 (about 30 years)	8.7	0.10	14	0.16	11	0.12	14	0.16	20	0.22			90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-			200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-			400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 1/2>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 22, 2011		Cancelled May 22, 2011		Cancelled May 22, 2011		At 7:30 May 22, 2011		At 7:30 May 22, 2011		At 7:05 May 22, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)							ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)							ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)							ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)							ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)							ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)							ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)							ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)							ND	-	ND	-	ND	-	200
I-132 (about 2 hours)							ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)							ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)							ND	-	ND	-	ND	-	300
La-140 (about 2 days)							ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".**

【Final】Results of Nuclide Analysis of Seawater <offshore 2/2>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 22, 2011		Cancelled May 22, 2011		At 8:30 May 22, 2011		Cancelled May 22, 2011		At 8:05 May 22, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-			ND	-			40
Cs-134 (about 2 years)					ND	-			7.1	0.12			60
Cs-137 (about 30 years)					ND	-			5.4	0.06			90
Mo-99 (about 66 hours)					ND	-			ND	-			40,000
Tc-99m (about 6 hours)					ND	-			ND	-			40,000
Te-129m (about 34 days)					ND	-			ND	-			300
Te-129 (about 70 minutes)					ND	-			ND	-			10,000
Te-132 (about 3 days)					ND	-			ND	-			200
I-132 (about 2 hours)					ND	-			ND	-			3,000
Cs-136 (about 13 days)					ND	-			ND	-			300
Ba-140 (about 13 days)					ND	-			ND	-			300
La-140 (about 2 days)					ND	-			ND	-			400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 1/4>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 23, 2011		Cancelled May 23, 2011		At 8:15 May 23, 2011		At 7:40 May 23, 2011		At 8:05 May 23, 2011		At 8:25 May 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)					10	0.17	ND	-	6.2	0.10	ND	-	60
Cs-137 (about 30 years)					8.4	0.09	ND	-	5.2	0.06	ND	-	90
Mo-99 (about 66 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)					ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)					ND	-	98	0.33	ND	-	ND	-	300
Te-129 (about 70 minutes)					ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)					ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)					ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)					ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)					ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 2/4>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 23, 2011		Cancelled May 23, 2011		At 7:25 May 23, 2011		Cancelled May 23, 2011		At 7:10 May 23, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-			ND	-			40
Cs-134 (about 2 years)					7.3	0.12			7.7	0.13			60
Cs-137 (about 30 years)					7.4	0.08			9.4	0.10			90
Mo-99 (about 66 hours)					ND	-			ND	-			40,000
Tc-99m (about 6 hours)					ND	-			ND	-			40,000
Te-129m (about 34 days)					ND	-			ND	-			300
Te-129 (about 70 minutes)					ND	-			ND	-			10,000
Te-132 (about 3 days)					ND	-			ND	-			200
I-132 (about 2 hours)					ND	-			ND	-			3,000
Cs-136 (about 13 days)					ND	-			ND	-			300
Ba-140 (about 13 days)					ND	-			ND	-			300
La-140 (about 2 days)					ND	-			ND	-			400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 3/4>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 5:00 May 23, 2011		At 5:00 May 23, 2011		At 5:20 May 23, 2011		At 5:20 May 23, 2011		At 5:40 May 23, 2011		At 5:40 May 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	110	0.37	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".**

【Final】Results of Nuclide Analysis of Seawater <offshore 4/4>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:00 May 23, 2011		At 6:00 May 23, 2011		At 5:35 May 23, 2011		At 5:35 May 23, 2011		At 5:50 May 23, 2011		At 5:50 May 23, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	6.4	0.11	ND	-	6.0	0.10	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	8.3	0.09	6.9	0.08	8.5	0.09	5.4	0.06	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	91	0.30	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".**

【Final】Results of Nuclide Analysis of Seawater <offshore 1/2>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 8:30 May 24, 2011		At 8:15 May 24, 2011		At 8:10 May 24, 2011		At 7:35 May 24, 2011		At 7:10 May 24, 2011		At 6:55 May 24, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	9.7	0.16	7.7	0.13	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	8.4	0.09	13	0.14	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 2/2>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:00 May 24, 2011		At 9:10 May 24, 2011		At 7:10 May 24, 2011		At 8:50 May 24, 2011		At 7:35 May 24, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	ND	-	11	0.18	14	0.23	ND	-	12	0.20			60
Cs-137 (about 30 years)	ND	-	9.9	0.11	17	0.19	21	0.23	9.3	0.10			90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-			200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-			3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-			400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 1/2>

Place of Sampling	North Iwaki Offshore 3km		North Iwaki Offshore 3km		Natsui-gawa Offshore 3km		Natsui-gawa Offshore 3km		Onahama Port Offshore 3km		Onahama Port Offshore 3km		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:50 May 26, 2011		At 6:50 May 26, 2011		At 6:25 May 26, 2011		At 6:25 May 26, 2011		At 5:45 May 26, 2011		At 5:45 May 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	7.2	0.12	6.7	0.11	8.8	0.15	ND	-	ND	-	60
Cs-137 (about 30 years)	5.0	0.06	5.4	0.06	ND	-	6.3	0.07	ND	-	20	0.22	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 2/2>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:10 May 26, 2011		At 6:10 May 26, 2011		At 6:15 May 26, 2011		At 6:15 May 26, 2011		At 5:55 May 26, 2011		At 5:55 May 26, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 15Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 1/4>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 27, 2011		Cancelled May 27, 2011		Cancelled May 27, 2011		Cancelled May 27, 2011		At 7:15 May 27, 2011		At 7:00 May 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									ND	-	ND	-	60
Cs-137 (about 30 years)									ND	-	ND	-	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 7Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 16Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 2/4>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled May 27, 2011		Cancelled May 27, 2011		At 7:25 May 27, 2011		Cancelled May 27, 2011		At 7:40 May 27, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-			ND	-			40
Cs-134 (about 2 years)					ND	-			ND	-			60
Cs-137 (about 30 years)					18	0.20			ND	-			90
Mo-99 (about 66 hours)					ND	-			ND	-			40,000
Tc-99m (about 6 hours)					ND	-			ND	-			40,000
Te-129m (about 34 days)					ND	-			ND	-			300
Te-129 (about 70 minutes)					ND	-			ND	-			10,000
Te-132 (about 3 days)					ND	-			ND	-			200
I-132 (about 2 hours)					ND	-			ND	-			3,000
Cs-136 (about 13 days)					ND	-			ND	-			300
Ba-140 (about 13 days)					ND	-			ND	-			300
La-140 (about 2 days)					ND	-			ND	-			400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 16Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 3/4>

Place of Sampling	Minami Soma City Offshore 30km Upper Layer		Minami Soma City Offshore 30km Middle Layer		Minami Soma City Offshore 30km Lower Layer		Ukedo River Offshore 30km Upper Layer		Ukedo River Offshore 30km Middle Layer		Ukedo River Offshore 30km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:15 May 27, 2011		At 6:15 May 27, 2011		At 6:15 May 27, 2011		At 7:15 May 27, 2011		At 7:15 May 27, 2011		At 7:15 May 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 16Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 4/4>

Place of Sampling	Soma City Offshore 5km Upper Layer		Soma City Offshore 5km Lower Layer		Kashima Offshore 5km Upper Layer		Kashima Offshore 5km Lower Layer		Soma City Offshore 3km Upper Layer		Soma City Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:45 May 27, 2011		At 6:45 May 27, 2011		At 6:30 May 27, 2011		At 6:30 May 27, 2011		At 7:00 May 27, 2011		At 7:00 May 27, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 16Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 1/8>

Place of Sampling	Minami Soma City Offshore 15km		Ukedo River Offshore 15km		Fukushima Daiichi Offshore 15km		Fukushima Daini Offshore 15km		Iwasawa Shore Offshore 15km		Hirono Town Offshore 15km		② Density limit by the announcement of Reactor Regulation (Bq/L) (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 June 2, 2011		At 8:40 June 2, 2011		At 8:20 June 2, 2011		At 7:55 June 2, 2011		At 7:30 June 2, 2011		At 7:05 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

※ **Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".**

【Final】Results of Nuclide Analysis of Seawater <offshore 2/8>

Place of Sampling	Haramachi District Offshore 3km		Odaka District Offshore 3km		Iwasawa Shore Offshore 3km		Odaka District Offshore 8km		Iwasawa Shore Offshore 8km				② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled June 2, 2011		At 9:10 June 2, 2011		At 7:10 June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)			ND	-	ND	-							40
Cs-134 (about 2 years)			16	0.27	16	0.27							60
Cs-137 (about 30 years)			ND	-	17	0.19							90
Mo-99 (about 66 hours)			ND	-	ND	-							40,000
Tc-99m (about 6 hours)			ND	-	ND	-							40,000
Te-129m (about 34 days)			ND	-	ND	-							300
Te-129 (about 70 minutes)			ND	-	ND	-							10,000
Te-132 (about 3 days)			ND	-	ND	-							200
I-132 (about 2 hours)			ND	-	ND	-							3,000
Cs-136 (about 13 days)			ND	-	ND	-							300
Ba-140 (about 13 days)			ND	-	ND	-							300
La-140 (about 2 days)			ND	-	ND	-							400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

※ Sample which does not indicate "Upper" or "Lower" is taken from "Upper Layer".

【Final】Results of Nuclide Analysis of Seawater <offshore 3/8>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011		At 5:40 June 2, 2011		At 5:40 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									7.8	0.13	ND	-	60
Cs-137 (about 30 years)									10	0.11	4.9	0.05	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 2Bq/L, Cs-134: approx. 4Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 4/8>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:00 June 2, 2011		At 6:00 June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011		Cancelled June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	10	0.17	12	0.20									60
Cs-137 (about 30 years)	15	0.17	15	0.17									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 5/8>

Place of Sampling	Minami Soma City Offshore 30km Upper Layer		Minami Soma City Offshore 30km Middle Layer		Minami Soma City Offshore 30km Lower Layer		Ukedo River Offshore 30km Upper Layer		Ukedo River Offshore 30km Middle Layer		Ukedo River Offshore 30km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 7:50 June 2, 2011		At 7:50 June 2, 2011		At 7:50 June 2, 2011		At 6:50 June 2, 2011		At 6:50 June 2, 2011		At 6:50 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	4.5	0.08	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	4.8	0.05	ND	-	5.4	0.06	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L, Cs-134: approx. 5Bq/L, Cs-137: approx. 5Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 6/8>

Place of Sampling	Soma City Offshore 5km Upper Layer		Soma City Offshore 5km Lower Layer		Kashima Offshore 5km Upper Layer		Kashima Offshore 5km Lower Layer		Soma City Offshore 3km Upper Layer		Soma City Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:20 June 2, 2011		At 6:20 June 2, 2011		At 6:00 June 2, 2011		At 6:00 June 2, 2011		At 6:35 June 2, 2011		At 6:35 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	16	0.18	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 7/8>

Place of Sampling	Numanouchi Offshore 5km Upper Layer		Numanouchi Offshore 5km Lower Layer		Numanouchi Offshore 15km Upper Layer		Numanouchi Offshore 15km Middle Layer		Numanouchi Offshore 15km Lower Layer		Numanouchi Offshore 30km Upper Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 7:00 June 2, 2011		At 7:00 June 2, 2011		At 8:00 June 2, 2011		At 8:00 June 2, 2011		At 8:00 June 2, 2011		At 9:00 June 2, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	16	0.18	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 8/8>

Place of Sampling	Numanouchi Offshore 30km Middle Layer		Numanouchi Offshore 30km Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (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 June 2, 2011		At 9:00 June 2, 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 1/6>

Place of Sampling	Haramachi District Offshore 3km Upper Layer		Haramachi District Offshore 3km Lower Layer		Odaka District Offshore 3km Upper Layer		Odaka District Offshore 3km Lower Layer		Iwasawa Shore Offshore 3km Upper Layer		Iwasawa Shore Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled June 3, 2011		Cancelled June 3, 2011		Cancelled June 3, 2011		Cancelled June 3, 2011		At 7:40 June 3, 2011		At 7:40 June 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)									ND	-	ND	-	40
Cs-134 (about 2 years)									8.2	0.14	11	0.18	60
Cs-137 (about 30 years)									12	0.13	7.5	0.08	90
Mo-99 (about 66 hours)									ND	-	ND	-	40,000
Tc-99m (about 6 hours)									ND	-	ND	-	40,000
Te-129m (about 34 days)									ND	-	ND	-	300
Te-129 (about 70 minutes)									ND	-	ND	-	10,000
Te-132 (about 3 days)									ND	-	ND	-	200
I-132 (about 2 hours)									ND	-	ND	-	3,000
Cs-136 (about 13 days)									ND	-	ND	-	300
Ba-140 (about 13 days)									ND	-	ND	-	300
La-140 (about 2 days)									ND	-	ND	-	400

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 2/6>

Place of Sampling	Odaka District Offshore 8km Upper Layer		Odaka District Offshore 8km Lower Layer		Iwasawa Shore Offshore 8km Upper Layer		Iwasawa Shore Offshore 8km Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (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	Cancelled June 3, 2011		Cancelled June 3, 2011		At 8:05 June 3, 2011		At 8:05 June 3, 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)					ND	-	ND	-					40
Cs-134 (about 2 years)					ND	-	7.3	0.12					60
Cs-137 (about 30 years)					ND	-	8.2	0.09					90
Mo-99 (about 66 hours)					ND	-	ND	-					40,000
Tc-99m (about 6 hours)					ND	-	ND	-					40,000
Te-129m (about 34 days)					ND	-	ND	-					300
Te-129 (about 70 minutes)					ND	-	ND	-					10,000
Te-132 (about 3 days)					ND	-	ND	-					200
I-132 (about 2 hours)					ND	-	ND	-					3,000
Cs-136 (about 13 days)					ND	-	ND	-					300
Ba-140 (about 13 days)					ND	-	ND	-					300
La-140 (about 2 days)					ND	-	ND	-					400

※ Data of other nuclides are under evaluation.

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 15Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 3/6>

Place of Sampling	North Iwaki Offshore 3km Upper Layer		North Iwaki Offshore 3km Lower Layer		Natsui-gawa Offshore 3km Upper Layer		Natsui-gawa Offshore 3km Lower Layer		Onahama Port Offshore 3km Upper Layer		Onahama Port Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 5:10 June 3, 2011		At 5:10 June 3, 2011		At 5:30 June 3, 2011		At 5:30 June 3, 2011		At 6:15 June 3, 2011		At 6:15 June 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Data of other nuclides are under evaluation.

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 15Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 4/6>

Place of Sampling	Ena Offshore 3km Upper Layer		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 6:35 June 3, 2011		At 6:35 June 3, 2011		At 5:45 June 3, 2011		At 5:45 June 3, 2011		At 6:00 June 3, 2011		At 6:00 June 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	17	0.19	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Data of other nuclides are under evaluation.

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

※ **In the case that the data is below measurable limit, "ND" is stated.**
Detection limits of the three main nuclides are as follows: I-131: approx. 6Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 5/6>

Place of Sampling	Numanouchi Offshore 5km Upper Layer		Numanouchi Offshore 5km Lower Layer		Numanouchi Offshore 15km Upper Layer		Numanouchi Offshore 15km Middle Layer		Numanouchi Offshore 15km Lower Layer		Numanouchi Offshore 30km Upper Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 7:20 June 3, 2011		At 7:20 June 3, 2011		At 8:30 June 3, 2011		At 8:30 June 3, 2011		At 8:30 June 3, 2011		At 9:30 June 3, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	3.9	0.07	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Tc-99m (about 6 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (about 34 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (about 70 minutes)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (about 3 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (about 2 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (about 13 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (about 2 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

※ Data of other nuclides are under evaluation.

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】Results of Nuclide Analysis of Seawater <offshore 6/6>

Place of Sampling	Numanouchi Offshore 30km Middle Layer		Numanouchi Offshore 30km Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time and Date of Sample Collection	At 9:30 June 3, 2011		At 9:30 June 3, 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (about 66 hours)	ND	-	ND	-									40,000
Tc-99m (about 6 hours)	ND	-	ND	-									40,000
Te-129m (about 34 days)	ND	-	ND	-									300
Te-129 (about 70 minutes)	ND	-	ND	-									10,000
Te-132 (about 3 days)	ND	-	ND	-									200
I-132 (about 2 hours)	ND	-	ND	-									3,000
Cs-136 (about 13 days)	ND	-	ND	-									300
Ba-140 (about 13 days)	ND	-	ND	-									300
La-140 (about 2 days)	ND	-	ND	-									400

※ Data of other nuclides are under evaluation.

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

※ In the case that the data is below measurable limit, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 5Bq/L, Cs-134: approx. 14Bq/L, Cs-137: approx. 15Bq/L.
However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F				Surface near Mega-Float Shallow Draft Quay of 1F		4m Depth Point near Mega-Float Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/21 6:15		2011/5/21 10:55		2011/5/21 11:00		2011/5/21 11:05		2011/5/21 6:27		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	120	3.0	140	3.5	650	16	220	5.5	1,500	38	40
Cs-134 (about 2 years)	660	11	620	10	2,400	40	890	15	4,900	82	60
Cs-137 (about 30 years)	690	7.7	640	7.1	2,500	28	990	11	5,100	57	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	17	0.06	ND	—	36	0.12	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	18	0.05	ND	—	37	0.09	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/21 6:32		2011/5/21 6:37		2011/5/21 6:43		2011/5/21 6:48		2011/5/21 6:55		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,300	33	1,300	33	1,500	38	5,100	130	1,500	38	40
Cs-134 (about 2 years)	4,800	80	4,500	75	4,900	82	8,300	140	8,800	150	60
Cs-137 (about 30 years)	5,000	56	4,700	52	5,100	57	8,800	98	9,300	100	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	28	0.09	34	0.11	46	0.15	55	0.18	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	220	0.73	300
La-140 (about 2 days)	49	0.12	ND	—	53	0.13	ND	—	67	0.17	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		South Water inside Intake Canal of 1F's Unit 1-4				②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/21 7:00		2011/5/21 7:06		2011/5/21 7:11		2011/5/21 7:19				
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	3,300	83	1,100	28	810	20	430	11			40
Cs-134 (about 2 years)	63,000	1,100	5,200	87	3,500	58	2,000	33			60
Cs-137 (about 30 years)	67,000	740	5,400	60	3,700	41	2,100	23			90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—			1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—			200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—			40,000
Cs-136 (about 13 days)	370	1.2	30	0.10	23	0.08	ND	—			300
Ba-140 (about 13 days)	910	3.0	ND	—	ND	—	ND	—			300
La-140 (about 2 days)	470	1.2	44	0.11	ND	—	ND	—			400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/22 6:00		2011/5/22 6:12		2011/5/22 6:17		2011/5/22 6:20		2011/5/22 6:26		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	130	3.3	1,300	33	1,300	33	1,100	28	1,300	33	40
Cs-134 (about 2 years)	640	11	5,100	85	5,000	83	4,700	78	5,200	87	60
Cs-137 (about 30 years)	700	7.8	5,400	60	5,200	58	4,900	54	5,500	61	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	56	0.19	36	0.12	25	0.08	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	43	0.11	37	0.09	ND	—	34	0.09	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/22 6:30		2011/5/22 6:34		2011/5/22 6:38		2011/5/22 6:35		2011/5/22 6:40		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	4,600	120	1,300	33	2,100	53	620	16	420	11	40
Cs-134 (about 2 years)	6,400	110	5,000	83	36,000	600	2,600	43	1,800	30	60
Cs-137 (about 30 years)	6,800	76	5,200	58	38,000	420	2,700	30	1,900	21	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	27	0.09	21	0.07	210	0.70	ND	—	19	0.06	300
Ba-140 (about 13 days)	ND	—	ND	—	460	1.5	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	33	0.08	240	0.60	29	0.07	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/22 6:46										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	130	3.3									40
Cs-134 (about 2 years)	640	11									60
Cs-137 (about 30 years)	680	7.6									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/23 6:25		2011/5/23 6:38		2011/5/23 6:43		2011/5/23 6:44		2011/5/23 6:52		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	24	0.60	600	15	1,400	35	1,500	38	1,200	30	40
Cs-134 (about 2 years)	160	2.7	1,800	30	2,900	48	3,000	50	3,400	57	60
Cs-137 (about 30 years)	170	1.9	1,800	20	3,100	34	3,200	36	3,600	40	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	15	0.05	19	0.06	17	0.06	27	0.09	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/23 6:56		2011/5/23 7:04		2011/5/23 7:08		2011/5/23 7:05		2011/5/23 7:09		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	8,000	200	1,200	30	1,400	35	1,200	30	930	23	40
Cs-134 (about 2 years)	6,600	110	3,800	63	11,000	180	4,000	67	3,500	58	60
Cs-137 (about 30 years)	7,000	78	4,100	46	12,000	130	4,200	47	3,800	42	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	34	0.11	23	0.08	58	0.19	23	0.08	16	0.05	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	85	0.21	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/23 7:16										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,100	28									40
Cs-134 (about 2 years)	3,600	60									60
Cs-137 (about 30 years)	3,800	42									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	23	0.08									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/24 6:17		2011/5/24 6:25		2011/5/24 6:29		2011/5/24 6:31		2011/5/24 6:38		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	25	0.63	450	11	450	11	600	15	470	12	40
Cs-134 (about 2 years)	190	3.2	1,100	18	1,200	20	1,400	23	1,200	20	60
Cs-137 (about 30 years)	190	2.1	1,200	13	1,200	13	1,500	17	1,300	14	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	12	0.03	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/24 6:40		2011/5/24 6:46		2011/5/24 6:53		2011/5/24 6:45		2011/5/24 6:52		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	7,900	200	790	20	1,300	33	640	16	630	16	40
Cs-134 (about 2 years)	4,400	73	1,900	32	12,000	200	1,500	25	1,400	23	60
Cs-137 (about 30 years)	4,600	51	2,100	23	13,000	140	1,500	17	1,500	17	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	28	0.09	ND	—	77	0.26	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	17	0.04	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/24 6:59										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	100	2.5									40
Cs-134 (about 2 years)	580	9.7									60
Cs-137 (about 30 years)	620	6.9									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/25 6:15		2011/5/25 6:22		2011/5/25 6:27		2011/5/25 6:31		2011/5/25 6:36		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	15	0.38	370	9.3	580	15	610	15	680	17	40
Cs-134 (about 2 years)	110	1.8	830	14	1,000	17	1,200	20	1,100	18	60
Cs-137 (about 30 years)	110	1.2	880	9.8	1,100	12	1,300	14	1,100	12	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	12	0.04	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/25 6:41		2011/5/25 6:47		2011/5/25 6:52		2011/5/25 6:49		2011/5/25 6:55		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	7,600	190	560	14	1,100	28	120	3.0	89	2.2	40
Cs-134 (about 2 years)	3,200	53	1,100	18	11,000	180	580	9.7	820	14	60
Cs-137 (about 30 years)	3,400	38	1,100	12	12,000	130	610	6.8	880	9.8	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	19	0.06	ND	—	60	0.20	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/25 7:01										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	29	0.73									40
Cs-134 (about 2 years)	240	4.0									60
Cs-137 (about 30 years)	230	2.6									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/26 6:00		2011/5/26 6:09		2011/5/26 6:13		2011/5/26 6:17		2011/5/26 6:25		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	22	0.55	410	10	470	12	700	18	1,600	40	40
Cs-134 (about 2 years)	180	3.0	830	14	890	15	1,100	18	1,200	20	60
Cs-137 (about 30 years)	210	2.3	890	9.9	940	10	1,200	13	1,300	14	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/26 6:30		2011/5/26 6:37		2011/5/26 6:42		2011/5/26 6:37		2011/5/26 6:42		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	14,000	350	530	13	910	23	670	17	190	4.8	40
Cs-134 (about 2 years)	2,800	47	890	15	7,200	120	1,500	25	1,200	20	60
Cs-137 (about 30 years)	3,000	33	940	10	7,500	83	1,700	19	1,300	14	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	36	0.12	15	0.05	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/26 6:47										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	120	3.0									40
Cs-134 (about 2 years)	4,100	68									60
Cs-137 (about 30 years)	4,500	50									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	23	0.08									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/27 6:17		2011/5/27 6:27		2011/5/27 6:36		2011/5/27 6:32		2011/5/27 6:47		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	39	0.98	760	19	700	18	700	18	760	19	40
Cs-134 (about 2 years)	660	11	1,000	17	1,100	18	1,000	17	1,000	17	60
Cs-137 (about 30 years)	730	8.1	1,100	12	1,200	13	1,000	11	1,100	12	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	9.7	0.03	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/27 6:42		2011/5/27 6:56		2011/5/27 6:52		2011/5/27 6:56		2011/5/27 6:52		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	5,200	130	530	13	940	24	600	15	86	2.2	40
Cs-134 (about 2 years)	1,600	27	1,300	22	7,300	120	4,000	67	880	15	60
Cs-137 (about 30 years)	1,700	19	1,500	17	7,600	84	4,300	48	960	11	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Cs-136 (about 13 days)	ND	—	ND	—	35	0.12	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/27 7:01										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	66	1.7									40
Cs-134 (about 2 years)	550	9.2									60
Cs-137 (about 30 years)	610	6.8									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/28 6:09		2011/5/28 6:17		2011/5/28 6:28		2011/5/28 6:24		2011/5/28 6:37		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	120	3.0	710	18	670	17	650	16	680	17	40
Cs-134 (about 2 years)	380	6.3	1,500	25	1,500	25	1,500	25	1,400	23	60
Cs-137 (about 30 years)	390	4.3	1,500	17	1,600	18	1,600	18	1,600	18	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/28 6:34		2011/5/28 6:48		2011/5/28 6:44		2011/5/28 6:48		2011/5/28 6:44		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	24,000	600	410	10	720	18	410	10	160	4.0	40
Cs-134 (about 2 years)	4,100	68	1,300	22	5,100	85	4,700	78	4,500	75	60
Cs-137 (about 30 years)	4,300	48	1,400	16	5,400	60	5,100	57	4,800	53	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	620	0.10	10,000
Cs-136 (about 13 days)	19	0.06	ND	—	23	0.08	ND	—	21	0.07	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	11	0.03	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/28 6:55										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	53	1.3									40
Cs-134 (about 2 years)	450	7.5									60
Cs-137 (about 30 years)	500	5.6									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/29 6:02		2011/5/29 6:13		2011/5/29 6:30		2011/5/29 6:33		2011/5/29 6:21		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	22	0.55	660	17	710	18	440	11	700	18	40
Cs-134 (about 2 years)	360	6.0	1,500	25	1,600	27	1,500	25	1,500	25	60
Cs-137 (about 30 years)	380	4.2	1,500	17	1,700	19	1,500	17	1,700	19	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/29 6:24		2011/5/29 6:39		2011/5/29 6:43		2011/5/29 6:39		2011/5/29 6:43		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	21,000	530	620	16	710	18	640	16	260	6.5	40
Cs-134 (about 2 years)	4,500	75	1,400	23	5,700	95	2,500	42	2,400	40	60
Cs-137 (about 30 years)	4,900	54	1,600	18	6,200	69	2,700	30	2,600	29	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	22	0.07	ND	—	20	0.07	12	0.04	29	0.10	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	19	0.05	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/29 6:49										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	480	12									40
Cs-134 (about 2 years)	1,500	25									60
Cs-137 (about 30 years)	1,600	18									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	79	0.26									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/30 6:18		2011/5/30 6:23		2011/5/30 6:35		2011/5/30 6:30		2011/5/30 6:40		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	31	0.78	650	16	750	19	780	20	720	18	40
Cs-134 (about 2 years)	210	3.5	980	16	1,200	20	1,300	22	1,300	22	60
Cs-137 (about 30 years)	230	2.6	1,000	11	1,300	14	1,300	14	1,400	16	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	10	0.03	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/30 6:44		2011/5/30 6:50		2011/5/30 6:54		2011/5/30 6:59		2011/5/30 7:04		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	6,500	160	650	16	660	17	620	16	590	15	40
Cs-134 (about 2 years)	3,000	50	1,400	23	3,100	52	1,500	25	1,700	28	60
Cs-137 (about 30 years)	3,200	36	1,500	17	3,300	37	1,600	18	1,800	20	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/30 7:08										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	550	14									40
Cs-134 (about 2 years)	1,400	23									60
Cs-137 (about 30 years)	1,500	17									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/31 6:28		2011/5/31 6:34		2011/5/31 6:46		2011/5/31 6:40		2011/5/31 6:55		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	28	0.70	140	3.5	200	5.0	220	5.5	960	24	40
Cs-134 (about 2 years)	250	4.2	690	12	1,100	18	1,300	22	1,700	28	60
Cs-137 (about 30 years)	280	3.1	730	8.1	1,100	12	1,400	16	1,900	21	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/31 6:51		2011/5/31 7:06		2011/5/31 7:01		2011/5/31 7:15		2011/5/31 7:11		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,200	30	110	2.8	400	10	87	2.2	180	4.5	40
Cs-134 (about 2 years)	7,400	120	1,400	23	7,200	120	1,500	25	2,400	40	60
Cs-137 (about 30 years)	7,800	87	1,500	17	7,700	86	1,600	18	2,600	29	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	26	0.09	ND	—	ND	—	ND	—	18	0.06	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	10	0.03	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/5/31 7:21										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	25	0.63									40
Cs-134 (about 2 years)	650	11									60
Cs-137 (about 30 years)	670	7.4									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/1 6:44		2011/6/1 6:52		2011/6/1 7:11		2011/6/1 7:05		2011/6/1 7:22		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	—	150	3.8	160	4.0	140	3.5	160	4.0	40
Cs-134 (about 2 years)	86	1.4	450	7.5	600	10	700	12	510	8.5	60
Cs-137 (about 30 years)	110	1.2	490	5.4	680	7.6	770	8.6	560	6.2	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/1 7:15		2011/6/1 7:32		2011/6/1 7:26		2011/6/1 7:44		2011/6/1 7:37		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	6,500	160	1,500	38	380	9.5	240	6.0	70	1.8	40
Cs-134 (about 2 years)	7,500	130	840	14	8,100	140	590	9.8	1,400	23	60
Cs-137 (about 30 years)	8,000	89	900	10	8,800	98	600	6.7	1,500	17	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	25	0.08	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/1 7:51										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	—									40
Cs-134 (about 2 years)	130	2.2									60
Cs-137 (about 30 years)	120	1.3									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/2 6:30		2011/6/2 6:45		2011/6/2 7:25		2011/6/2 7:20		2011/6/2 6:55		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	10	0.25	170	4.3	160	4.0	210	5.3	1,200	30	40
Cs-134 (about 2 years)	150	2.5	400	6.7	390	6.5	930	16	920	15	60
Cs-137 (about 30 years)	170	1.9	400	4.4	440	4.9	980	11	910	10	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/2 6:50		2011/6/2 7:36		2011/6/2 7:31		2011/6/2 7:50		2011/6/2 7:44		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	7,200	180	170	4.3	360	9.0	73	1.8	58	1.5	40
Cs-134 (about 2 years)	7,400	120	610	10	7,400	120	910	15	1,000	17	60
Cs-137 (about 30 years)	7,800	87	640	7.1	7,800	87	900	10	1,100	12	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	32	0.11	ND	—	35	0.12	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/2 7:55										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	12	0.30									40
Cs-134 (about 2 years)	260	4.3									60
Cs-137 (about 30 years)	310	3.4									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Shallow Draft Quay of 1F		North Water inside Intake Canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/3 6:28		2011/6/3 6:32		2011/6/3 6:45		2011/6/3 6:40		2011/6/3 6:59		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	27	0.68	180	4.5	230	5.8	200	5.0	310	7.8	40
Cs-134 (about 2 years)	270	4.5	470	7.8	640	11	730	12	720	12	60
Cs-137 (about 30 years)	270	3.0	490	5.4	690	7.7	780	8.7	740	8.2	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/3 6:50		2011/6/3 7:08		2011/6/3 7:02		2011/6/3 7:18		2011/6/3 7:10		
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	1,700	43	250	6.3	260	6.5	150	3.8	98	2.5	40
Cs-134 (about 2 years)	5,000	83	720	12	5,700	95	680	11	830	14	60
Cs-137 (about 30 years)	5,300	59	780	8.7	6,100	68	730	8.1	860	9.6	90
Mn-54 (about 313 days)	ND	—	ND	—	ND	—	ND	—	ND	—	1,000
Co-60 (about 5 years)	ND	—	ND	—	ND	—	ND	—	ND	—	200
Tc-99m (about 6 hours)	ND	—	ND	—	ND	—	ND	—	ND	—	40,000
Te-129 (about 70 minutes)	ND	—	ND	—	ND	—	ND	—	ND	—	10,000
Cs-136 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
Ba-140 (about 13 days)	ND	—	ND	—	ND	—	ND	—	ND	—	300
La-140 (about 2 days)	ND	—	ND	—	ND	—	ND	—	ND	—	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】 Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
Fukushima Daiichi　Shallow draft quay, Unit 1-4 screen, and the Water intake canal of Units 1-4

Place of sampling	South Water inside Intake Canal of 1F's Unit 1-4										②Density limit by the announcement of Reactor Regulation (Bq/L) (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	2011/6/3 7:25										
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	85	2.1									40
Cs-134 (about 2 years)	710	12									60
Cs-137 (about 30 years)	760	8.4									90
Mn-54 (about 313 days)	ND	—									1,000
Co-60 (about 5 years)	ND	—									200
Tc-99m (about 6 hours)	ND	—									40,000
Te-129 (about 70 minutes)	ND	—									10,000
Cs-136 (about 13 days)	ND	—									300
Ba-140 (about 13 days)	ND	—									300
La-140 (about 2 days)	ND	—									400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3".

※ In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

※ In the case that the data is below measurable limit, "ND" (Not Detectable) is stated.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:40 am May 23, 2011	11:45 am May 23, 2011	11:50 am May 23, 2011	11:31 am May 23, 2011	11:30 am May 23, 2011	11:20 am May 23, 2011	10:05 am May 23, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	4.4E-01	2.0E+01	1.8E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	6.2E+00	1.9E+01	1.6E-01	4.7E-02	Not Detectable	1.4E-02	Not Detectable
Cs-137 (about 30 years)	7.4E+00	2.2E+01	1.8E-01	5.1E-02	Not Detectable	1.5E-02	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	2.7E-02	7.1E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	0:20 pm May 25, 2011	0:25 pm May 25, 2011	0:30 pm May 25, 2011	0:33 pm May 25, 2011	0:10 pm May 25, 2011	0:00 pm May 25, 2011	8:32 am May 25, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	3.0E-01	1.7E+01	1.4E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	5.7E+00	1.7E+01	1.6E-01	2.1E-02	Not Detectable	1.3E-02	Not Detectable
Cs-137 (about 30 years)	6.6E+00	2.1E+01	1.6E-01	2.7E-02	Not Detectable	1.7E-02	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	7.1E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	Not Detectable	9.0E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 6E-3 Bq/L, Cs-137: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	0:02 pm May 27, 2011	0:07 pm May 27, 2011	0:12 pm May 27, 2011	11:51 am May 27, 2011	11:52 am May 27, 2011	11:42 am May 27, 2011	11:00 am May 27, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	1.8E-01	1.4E+01	1.1E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	4.9E+00	1.6E+01	1.5E-01	4.3E-02	Not Detectable	1.3E-02	Not Detectable
Cs-137 (about 30 years)	6.0E+00	2.0E+01	1.6E-01	3.9E-02	Not Detectable	1.4E-02	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	1.7E-02	6.3E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 6E-3 Bq/L, Cs-137: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	0:00 pm May 30, 2011	0:10 pm May 30, 2011	0:15 pm May 30, 2011	11:48 am May 30, 2011	11:50 am May 30, 2011	11:40 am May 30, 2011	10:05 am May 30, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	4.1E+00	6.0E+00	Not Detectable	2.3E-01	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	7.4E+01	1.6E+01	1.6E-01	1.5E-01	Not Detectable	1.3E-02	Not Detectable
Cs-137 (about 30 years)	8.8E+01	1.9E+01	1.4E-01	1.6E-01	Not Detectable	2.0E-02	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	8.3E-01	5.9E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	3.0E+01	2.0E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	1.9E-01	3.6E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	5.1E-02	3.3E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 6E-3 Bq/L, Cs-137: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:50 am June 1, 2011	0:00 pm June 1, 2011	0:05 pm June 1, 2011	0:05 pm June 1, 2011	11:45 am June 1, 2011	11:35 am June 1, 2011	11:45 am June 1, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	4.6E+00	2.4E+00	1.9E+00	7.7E-02	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	6.4E+01	7.7E+00	1.4E+00	9.5E-01	7.8E-03	8.6E-03	Not Detectable
Cs-137 (about 30 years)	7.8E+01	9.2E+00	1.6E+00	1.0E+00	1.1E-02	8.5E-03	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	4.8E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	1.1E+01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	1.8E-01	2.4E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	4.3E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 6E-3 Bq/L, Cs-137: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】Fukushima Daiichi Nuclear Power Station : Results of Nuclide Analysis of sub-drain

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	11:55 am June 3, 2011	0:00 pm June 3, 2011	0:05 pm June 3, 2011	11:50 am June 3, 2011	11:45 am June 3, 2011	11:40 am June 3, 2011	02:13 pm June 3, 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	1.6E+00	1.8E+00	1.7E+00	2.3E-01	Not Detectable	Not Detectable	Not Detectable
Cs-134 (about 2 years)	2.7E+01	9.6E+00	8.7E-01	1.6E-01	Not Detectable	Not Detectable	Not Detectable
Cs-137 (about 30 years)	3.3E+01	1.2E+01	9.5E-01	1.7E-01	Not Detectable	Not Detectable	Not Detectable
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	2.5E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	3.5E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	1.1E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 6E-3 Bq/L, Cs-137: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi
Time and Date of Sample Collection	11:27 am May 21 2011	11:32 am May 21 2011	11:38 am May 21 2011	11:54 am May 21 2011	NA
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)				
I-131 (about 8 days)	Not Detectable	1.7E-02	Not Detectable	3.0E-02	
Cs-134 (about 2 years)	5.6E-02	Not Detectable	Not Detectable	1.1E-01	
Cs-137 (about 30 years)	4.9E-02	9.3E-03	Not Detectable	1.2E-01	
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	

※ ○.○E−○ means ○.○×10-○.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi
Time and Date of Sample Collection	11:23 am May 22 2011	11:29 am May 22 2011	11:34 am May 22 2011	11:50 am May 22 2011	NA
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)				
I-131 (about 8 days)	Not Detectable	2.0E-02	5.1E-03	2.9E-02	
Cs-134 (about 2 years)	6.7E-02	Not Detectable	5.8E-03	1.4E-01	
Cs-137 (about 30 years)	6.3E-02	2.0E-02	Not Detectable	1.3E-01	
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	

※ ○.○E−○ means ○.○×10-○.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi
Time and Date of Sample Collection	11:31 am May 23 2011	11:35 am May 23 2011	11:40 am May 23 2011	11:55 am May 23 2011	11:51 am May 23 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)				
I-131 (about 8 days)	Not Detectable	1.7E-02	5.9E-03	2.5E-02	8.7E-03
Cs-134 (about 2 years)	4.7E-02	Not Detectable	5.5E-03	1.2E-01	Not Detectable
Cs-137 (about 30 years)	5.1E-02	Not Detectable	Not Detectable	1.3E-01	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi
Time and Date of Sample Collection	11:38 am May 24 2011	11:43 am May 24 2011	11:49 am May 24 2011	0:08 pm May 24 2011	NA
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)				
I-131 (about 8 days)	Not Detectable	1.3E-02	Not Detectable	3.3E-02	
Cs-134 (about 2 years)	5.5E-02	Not Detectable	Not Detectable	1.3E-01	
Cs-137 (about 30 years)	6.2E-02	Not Detectable	1.3E-02	1.4E-01	
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	

※ ○.○E−○ means ○.○×10-○.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi
Time and Date of Sample Collection	11:33 am May 25 2011	11:40 am May 25 2011	11:45 am May 25 2011	0:05 pm May 25 2011	NA
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)				
I-131 (about 8 days)	Not Detectable	1.3E-02	Not Detectable	2.1E-02	
Cs-134 (about 2 years)	2.1E-02	Not Detectable	Not Detectable	1.2E-01	
Cs-137 (about 30 years)	2.7E-02	Not Detectable	Not Detectable	1.2E-01	
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 7E-3Bq/L, Cs-134: about 2E-2 Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi
Time and Date of Sample Collection	11:48 am May 26 2011	11:54 am May 26 2011	11:59 am May 26 2011	0:07 pm May 26 2011	NA	4:38 pm May 26 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)					
I-131 (about 8 days)	Not Detectable	1.3E-02	Not Detectable	2.3E-02		1.6E-01
Cs-134 (about 2 years)	3.3E-02	1.4E-02	Not Detectable	1.3E-01		3.3E-01
Cs-137 (about 30 years)	4.5E-02	1.5E-02	Not Detectable	1.3E-01		3.5E-01
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 6E-3Bq/L, Cs-134: about 2E-2 Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi
Time and Date of Sample Collection	11:51 am May 27 2011	11:57 am May 27 2011	0:09 pm May 27 2011	0:20 pm May 27 2011	NA	0:16 pm May 27 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)					
I-131 (about 8 days)	Not Detectable	1.1E-02	Not Detectable	1.5E-02		1.4E-01
Cs-134 (about 2 years)	4.3E-02	1.1E-02	1.7E-02	1.2E-01		4.1E-01
Cs-137 (about 30 years)	3.9E-02	1.0E-02	1.1E-02	1.2E-01		4.3E-01
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 7E-3Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi
Time and Date of Sample Collection	11:28 am May 28 2011	11:34 am May 28 2011	11:39 am May 28 2011	11:58 am May 28 2011	NA	11:46 am May 28 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)					
I-131 (about 8 days)	Not Detectable	1.2E-02	4.1E-03	1.6E-02		1.1E-01
Cs-134 (about 2 years)	5.9E-02	Not Detectable	9.0E-03	1.4E-01		4.4E-01
Cs-137 (about 30 years)	6.7E-02	Not Detectable	Not Detectable	1.6E-01		4.6E-01
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 7E-3Bq/L, Cs-134: about 2E-2 Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi
Time and Date of Sample Collection	11:44 am May 29 2011	11:50 am May 29 2011	0:00 pm May 29 2011	12:26 pm May 29 2011	NA	0:08 pm May 29 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)					
I-131 (about 8 days)	Not Detectable	Not Detectable	6.3E-03	4.1E-02		1.2E-01
Cs-134 (about 2 years)	2.4E-02	2.2E-02	9.6E-03	1.9E-01		6.7E-01
Cs-137 (about 30 years)	2.8E-02	Not Detectable	1.5E-02	2.1E-01		7.2E-01
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 7E-3Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi	North of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:48 am May 30 2011	11:53 am May 30 2011	0:00 pm May 30 2011	0:13 pm May 30 2011	0:08 pm May 30 2011	0:19 pm May 30 2011	0:26 pm May 30 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	2.3E-01	1.5E-02	3.8E-02	2.1E-02	1.1E-02	1.4E-01	1.4E-02
Cs-134 (about 2 years)	1.5E-01	2.8E-02	1.1E-01	1.3E-01	8.1E-02	9.0E-01	7.4E-02
Cs-137 (about 30 years)	1.6E-01	Not Detectable	1.3E-01	1.3E-01	7.5E-02	9.5E-01	7.5E-02
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ ○.○E－○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.合もある。

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi	North of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:44 am May 31 2011	11:57 am May 31 2011	0:07 pm May 31 2011	0:40 pm May 31 2011	NA	0:17 pm May 31 2011	0:29 pm May 31 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	3.5E-01	1.6E-02	1.2E-02	Not Detectable		5.1E-02	1.8E-02
Cs-134 (about 2 years)	1.8E-01	Not Detectable	1.9E-02	3.1E-02		8.1E-01	9.1E-02
Cs-137 (about 30 years)	2.1E-01	2.5E-02	Not Detectable	3.1E-02		8.4E-01	9.9E-02
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L, Cs-134: about 2E-2 Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi	North of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	0:05 pm June 1 2011	0:18 pm June 1 2011	0:32 pm June 1 2011	1:02 pm June 1 2011	NA	0:43 pm June 1 2011	1:13 pm June 1 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	7.7E-02	1.7E-02	Not Detectable	1.5E-02		3.9E-02	1.2E-02
Cs-134 (about 2 years)	9.5E-01	Not Detectable	Not Detectable	5.7E-02		7.7E-01	5.6E-02
Cs-137 (about 30 years)	1.0E+00	Not Detectable	Not Detectable	6.3E-02		8.5E-01	6.4E-02
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 8E-3Bq/L, Cs-134: about 2E-2 Bq/L, Cs-137: about 2E-2 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi	North of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:42 am June 2 2011	11:51 am June 2 2011	11:59 am June 2 2011	0:17 pm June 2 2011	NA	0:10 pm June 2 2011	0:28 pm June 2 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	5.4E-02	1.2E-02	5.6E-03	9.2E-03		4.6E-02	1.1E-02
Cs-134 (about 2 years)	7.0E-02	7.7E-03	Not Detectable	6.4E-02		7.4E-01	4.7E-02
Cs-137 (about 30 years)	9.5E-02	1.3E-02	9.5E-03	7.9E-02		7.7E-01	6.6E-02
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; Cs-134: about 7E-3 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Results of Nuclide Analysis of water in the sub-drain near Centralized Radiation Waste Treatment Facility

Place of sampling	Southeast of Turbine Building of Unit4, Fukushima Daiichi	Northeast of Process Main Building, Fukushima Daiichi	Southeast of Process Main Building, Fukushima Daiichi	South of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi	Southwest of On-site Bunker Building, Fukushima Daiichi	West of Incineration Workshop Building, Fukushima Daiichi	North of Miscellaneous Solid Waste Volume Reduction Treatment Building, Fukushima Daiichi
Time and Date of Sample Collection	11:50 am June 3 2011	11:57 am June 3 2011	0:05 pm June 3 2011	0:18 pm June 3 2011	NA	0:13 pm June 3 2011	0:29 pm June 3 2011
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm3)						
I-131 (about 8 days)	2.3E-01	8.6E-03	Not Detectable	8.2E-03		9.2E-02	1.6E-02
Cs-134 (about 2 years)	1.6E-01	6.5E-03	6.5E-03	5.9E-02		5.0E-01	5.6E-02
Cs-137 (about 30 years)	1.7E-01	9.9E-03	7.4E-03	6.9E-02		5.1E-01	6.8E-02
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Te-129m (about 34 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Cs-136 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable		Not Detectable	Not Detectable

※ ○.○E−○ means ○.○×10-○.

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 5E-3Bq/L.. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.

【Final】 Result of Nuclide Analysis of Seawater <Offshore of Ibaraki Prefecture>

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		② Density limit by the announcement of Reactor Regulation (Bq/ L) (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	9:05 am May 25, 2011		8:03 am May 25 2011		10:54 am May 25, 2011		7:47 am May 25, 2011		8:56 am May 25, 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	①Density of Sample (Bq/ L)	Scaling Factor (①/②)	
I-131 (about 8 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	40
Cs-134 (about 2 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	60
Cs-137 (about 30 years)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	90
Mo-99 (about 66 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	40,000
Tc-99m (about 6 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	40,000
Te-129m (about 34 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	300
Te-129 (about 70 minutes)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	10,000
Te-132 (about 3 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	200
I-132 (about 2 hours)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	3,000
Cs-136 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	300
Ba-140 (about 13 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	300
La-140 (about 2 days)	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	Not Detectable	-	400

※ "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm^3").

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

※ **In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 6Bq/L, Cs-134: about 20 Bq/L, Cs-137: about 23 Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.**

※ **In case, there is no difibition of upper layer/ lower layer at the column of Place of Samoling, we sampled at upper layer.**

【Final】 Results of nuclide analysis of sea-bottom soil

Place of sampling	Approx. 3km from the offshore of Odaka Ward	Approx. 3km from the offshore of Iwasawa
Date of sampling	9:40 am June 2, 2011	7:40 am June 2, 2011
Detected nuclide (half-life)	Radioactivity Density of Sample (Bq/kg)	
I-131 (about 8 days)	ND	ND
Cs-134 (about 2 years)	570	970
Cs-137 (about 30 years)	600	1000
Mn-54 (about 313 days)	ND	ND
Co-60 (about 5 years)	ND	ND
Te-129	ND	ND
Te-129m	ND	260
Tc-99m (about 6 hours)	ND	ND
Cs-137 (about 30 years)	ND	5.6
Ba-140 (about 13 days)	ND	ND
La-140 (about 2 days)	ND	ND

※ In case of radioactivity concentration of sea water is lower than the detective limit, we filled as "Not Detectable". Detective limit of 3 iodine is as follows; I-131: about 13Bq/L. In this regard, we may detect under this level because detective limit is subjected todetector system and sample.