【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 31, 2012 7:00～12:00		Jan 31, 2012 9:38～9:48				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 31, 2012 9:39～14:39		Jan 31, 2012 9:14～14:14		Jan 31, 2012 9:25～14:25		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	3.0E-07	0.00	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3 Particulate: I-131: approx. 9E-8Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 01, 2012 10:00～15:00		Feb 01, 2012 9:57～10:07				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 02, 2012 7:00～12:00		Feb 02, 2012 9:38～9:48				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 02, 2012 (Not sampled)		Feb 02, 2012 10:11～15:11		Feb 02, 2012 10:15～15:15		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	-	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	-	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	-	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	-	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	-	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	-	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	-	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	-	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	-	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	-	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	-	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	-	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	-	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	-	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside of the sites of Fukushima Nuclear Power Stations

Place of Sampling	Fukushima Daiichi Unit 1 -4 Sea Side						②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 02, 2012 10:21～15:21						
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	4.6E-07	0.00					2E-03
Cs-137 (about 30 years)	4.5E-07	0.00					3E-03
Nb-95 (approx.35days)	ND	-					2E-02
Tc-99m (approx.6hrs)	ND	-					7E-01
Ag-110m (approx.250days)	ND	-					3E-03
Sb-125 (approx.3yrs)	ND	-					6E-03
Te-129 (approx.70mins)	ND	-					4E-01
Te-129m (approx.34days)	ND	-					4E-03
I-132 (approx.2hrs)	ND	-					7E-02
Te-132 (approx.78hrs)	ND	-					4E-03
I-133 (approx.21hrs)	ND	-					5E-03
Cs-136 (approx.13days)	ND	-					1E-02
Ba-140 (approx.13days)	ND	-					1E-02
La-140 (approx.40hrs)	ND	-					1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3 Particulate: I-131: approx. 1E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 7:00～12:00		Feb 03, 2012 9:40～9:50				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 8E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 7E-7Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 8:50～13:50		N/A		N/A		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	ND	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	ND	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	ND	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	ND	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	ND	-	-	-	-	-	3E-03
Sb-125 (approx.3yrs)	ND	-	-	-	-	-	6E-03
Te-129 (approx.70mins)	ND	-	-	-	-	-	4E-01
Te-129m (approx.34days)	ND	-	-	-	-	-	4E-03
I-132 (approx.2hrs)	ND	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	ND	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	ND	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	ND	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	ND	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	ND	-	-	-	-	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 04, 2012 7:00～12:00		Feb 04, 2012 9:20～9:30				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	2.1E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 05, 2012 7:00～12:00		Feb 05, 2012 9:46～9:56				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 06, 2012 7:00～12:00		Feb 06, 2012 9:34～9:44				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 7E-7Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 07, 2012 7:00～12:00		Feb 07, 2012 9:26～9:36				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 07, 2012 (Not sampled)		Feb 07, 2012 (Not sampled)		Feb 07, 2012 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	3E-03
Sb-125 (approx.3yrs)	-	-	-	-	-	-	6E-03
Te-129 (approx.70mins)	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	4E-03
I-132 (approx.2hrs)	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 08, 2012 7:00～12:00		Feb 08, 2012 9:12～9:22				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 08, 2012 9:22～14:22		Feb 08, 2012 8:57～13:57		Feb 08, 2012 9:07～14:07		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3 Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 09, 2012 7:00～12:00		Feb 09, 2012 9:29～9:39				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 09, 2012 9:10～14:10		Feb 09, 2012 9:15～14:15		Feb 09, 2012 9:20～14:20		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside of the sites of Fukushima Nuclear Power Stations

Place of Sampling	Fukushima Daiichi Unit 1 -4 Sea Side						②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 09, 2012 9:25～14:25						
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	5.4E-07	0.00					2E-03
Cs-137 (about 30 years)	8.4E-07	0.00					3E-03
Nb-95 (approx.35days)	ND	-					2E-02
Tc-99m (approx.6hrs)	ND	-					7E-01
Ag-110m (approx.250days)	ND	-					3E-03
Sb-125 (approx.3yrs)	ND	-					6E-03
Te-129 (approx.70mins)	ND	-					4E-01
Te-129m (approx.34days)	ND	-					4E-03
I-132 (approx.2hrs)	ND	-					7E-02
Te-132 (approx.78hrs)	ND	-					4E-03
I-133 (approx.21hrs)	ND	-					5E-03
Cs-136 (approx.13days)	ND	-					1E-02
Ba-140 (approx.13days)	ND	-					1E-02
La-140 (approx.40hrs)	ND	-					1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-7Bq/cm3 Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 10, 2012 7:00〜12:00		Feb 10, 2012 9:34〜9:44				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE−O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 11, 2012 7:00～12:00		Feb 11, 2012 9:20～9:30				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 12, 2012 7:00～12:00		Feb 12, 2012 9:24～9:34				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 7E-7Bq/cm3, Cs-134: approx. 1E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 13, 2012 7:00～12:00		Feb 13, 2012 9:17～9:27				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 14, 2012 7:00～12:00		Feb 14, 2012 9:39～9:49				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable". The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follows: Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of three major nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 14, 2012 9:31～14:31		Feb 14, 2012 9:03～14:03		Feb 14, 2012 9:14～14:14		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3 Particulate: I-131: approx. 9E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/1/31 8:45 AM		2012/1/31 8:25 AM		2012/1/31 (Not sampled)		2012/1/31 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	40
Cs-134 (about 2 years)	1.7	0.03	2.3	0.04	-	-	ND	-	60
Cs-137 (about 30 years)	2.5	0.03	3.2	0.04	-	-	1.1	0.01	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.73Bq/L, Cs-134: approx. 0.87Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/1/30 (Not sampled)		2012/1/30 (Not sampled)		N/A		N/A		N/A		N/A		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of North of Iwaki Upper Layer		3 km offshore of North of Iwaki Lower Layer		3 km offshore of Natsui river Upper Layer		3 km offshore of Natsui river Lower Layer		3 km offshore of Onahama port Upper Layer		3 km offshore of Onahama port 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 of Sampling	2012/1/30 7:10 AM		2012/1/30 7:10 AM		2012/1/30 7:30 AM		2012/1/30 7:30 AM		N/A		N/A		
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)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper Layer		3 km offshore of Ena Lower Layer		3 km offshore of Numanouchi Upper Layer		3 km offshore of Numanouchi Lower Layer		3 km offshore of Toyoma Upper Layer		3 km offshore of Toyoma 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 of Sampling	N/A		N/A		2012/1/30 7:40 AM		2012/1/30 7:40 AM		2012/1/30 7:55 AM		2012/1/30 7:55 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.73Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/1 8:35 AM		2012/2/1 8:15 AM		2012/2/1 (Not sampled)		2012/2/1 8:00 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	40
Cs-134 (about 2 years)	4.1	0.07	1.3	0.02	-	-	ND	-	60
Cs-137 (about 30 years)	4.8	0.05	2.8	0.03	-	-	1.4	0.02	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.77Bq/L, Cs-134: approx. 0.90Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	2012/1/31 11:15 AM		2012/1/31 11:15 AM		2012/1/31 11:40 AM		2012/1/31 11:40 AM		N/A		N/A		
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)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/1/31 10:50 AM		2012/1/31 10:50 AM		2012/1/31 10:35 AM		2012/1/31 10:35 AM		2012/1/31 9:00 AM		2012/1/31 9:00 AM		
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	-	1.1	0.02	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	0.96	0.01	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.69Bq/L, Cs-134: approx. 0.90Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/1/31 10:15 AM		2012/1/31 10:15 AM		2012/1/31 9:20 AM		2012/1/31 9:20 AM						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.75Bq/L, Cs-134: approx. 0.93Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Souma City Upper Layer		3 km offshore of Souma City Lower Layer		5 km offshore of Souma City Upper Layer		5 km offshore of Souma City Lower Layer		5 km offshore of Kashima Upper Layer		5 km offshore of Kashima 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 of Sampling	2012/1/31 7:15 AM		2012/1/31 7:15 AM		2012/1/31 7:30 AM		2012/1/31 7:30 AM		2012/1/31 7:40 AM		2012/1/31 7:40 AM		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.72Bq/L, Cs-134: approx. 0.91Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/2 (Not sampled)		2012/2/2 (Not sampled)		2012/2/2 8:20 AM		2012/2/2 8:00 AM		
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)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	1.7	0.03	0.94	0.02	60
Cs-137 (about 30 years)	-	-	-	-	1.6	0.02	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.67Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/1 9:55 AM		2012/2/1 9:55 AM		2012/2/1 9:25 AM		2012/2/1 9:25 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.69Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/1 8:50 AM		2012/2/1 8:50 AM		2012/2/1 8:40 AM		2012/2/1 8:40 AM		2012/2/1 7:55 AM		2012/2/1 7:55 AM		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 0.91Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of North of Iwaki Upper Layer		3 km offshore of North of Iwaki Lower Layer		3 km offshore of Natsui river Upper Layer		3 km offshore of Natsui river Lower Layer		3 km offshore of Onahama port Upper Layer		3 km offshore of Onahama port 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 of Sampling	N/A		N/A		N/A		N/A		2012/2/1 6:30 AM		2012/2/1 6:30 AM		
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 （approx. 66hrs）	-	-	-	-	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.89Bq/L, Cs-137: approx. 0.96Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper Layer		3 km offshore of Ena Lower Layer		3 km offshore of Numanouchi Upper Layer		3 km offshore of Numanouchi Lower Layer		3 km offshore of Toyoma Upper Layer		3 km offshore of Toyoma 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 of Sampling	2012/2/1 6:50 AM		2012/2/1 6:50 AM		N/A		N/A		N/A		N/A		
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 （approx. 66hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.63Bq/L, Cs-134: approx. 0.85Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/3 8:45 AM		2012/2/3 8:30 AM		2012/2/3 8:25 AM		2012/2/3 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	1.1	0.02	0.99	0.02	1.2	0.02	60
Cs-137 (about 30 years)	1.5	0.02	1.9	0.02	2.1	0.02	1.5	0.02	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.71Bq/L, Cs-134: approx. 0.87Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore Remeasurement ＞

Place of Sampling	15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daini 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 of Sampling	2012/2/1 9:25 AM		2012/2/1 8:50 AM		
Detected Nuclides (Half-life)	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
Mn-54 (approx.310days)	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	200
Ce-144 (約280日)	ND	-	ND	-	200
Mo-99 （approx. 66hrs）	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide, Mn-54, Co-60 and Ce-144 that are not detected are as follows:
I-131: approx. 0.17Bq/L, Cs-134: approx. 0.27Bq/L, Cs-137: approx. 0.32Bq/L, Mn-54: approx. 0.13Bq/L, Co-60: approx. 0.12Bq/L, Ce-144: approx. 0.92Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/4 8:40 AM		2012/2/4 8:20 AM		2012/2/4 8:25 AM		2012/2/4 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	1.8	0.03	1.4	0.02	1.7	0.03	0.90	0.02	60
Cs-137 (about 30 years)	2.9	0.03	2.6	0.03	1.3	0.01	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.73Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/3 (Not sampled)		2012/2/3 (Not sampled)		2012/2/3 (Not sampled)		2012/2/3 (Not sampled)		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/3 8:15 AM		2012/2/3 8:15 AM		N/A		N/A		N/A		N/A		
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 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.91Bq/L, Cs-137: approx. 0.95Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi 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 of Sampling	2012/2/3 7:10 AM		2012/2/3 7:10 AM										
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 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te-129 (approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.74Bq/L, Cs-134: approx. 0.89Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/5 8:25 AM		2012/2/5 8:10 AM		2012/2/5 8:15 AM		2012/2/5 7:55 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2.5	0.04	1.6	0.03	ND	-	ND	-	60
Cs-137 (about 30 years)	3.1	0.03	1.9	0.02	1.4	0.02	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.69Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/2/4 (Not sampled)		2012/2/4 (Not sampled)		2012/2/4 (Not sampled)		2012/2/4 (Not sampled)		2012/2/4 8:15 AM		2012/2/4 8:15 AM		
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 (approx. 66hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.64Bq/L, Cs-134: approx. 0.84Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/2/4 10:00 AM		2012/2/4 10:00 AM		2012/2/4 8:40 AM		2012/2/4 8:40 AM						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.89Bq/L, Cs-134: approx. 0.96Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/6 8:30 AM		2012/2/6 8:15 AM		2012/2/6 8:25 AM		2012/2/6 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	4.5	0.08	1.2	0.02	1.1	0.02	0.96	0.02	60
Cs-137 (about 30 years)	5.7	0.06	2.0	0.02	1.7	0.02	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.73Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/5 9:30 AM		2012/2/5 9:30 AM		2012/2/5 9:00 AM		2012/2/5 9:00 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.72Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/5 8:20 AM		2012/2/5 8:20 AM		N/A		N/A		N/A		N/A		
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 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.63Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/7 8:50 AM		2012/2/7 8:25 AM		2012/2/7 8:30 AM		2012/2/7 8:10 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	14	0.23	1.2	0.02	1.5	0.03	ND	-	60
Cs-137 (about 30 years)	19	0.21	1.2	0.01	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.98Bq/L, Cs-134: approx. 0.89Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/2/6 10:15 AM		2012/2/6 10:15 AM		2012/2/6 9:35 AM		2012/2/6 9:35 AM		2012/2/6 8:00 AM		2012/2/6 8:00 AM		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.95Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/2/6 9:15 AM		2012/2/6 9:15 AM		2012/2/6 8:30 AM		2012/2/6 8:30 AM						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 0.86Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of North of Iwaki Upper Layer		3 km offshore of North of Iwaki Lower Layer		3 km offshore of Natsui river Upper Layer		3 km offshore of Natsui river Lower Layer		3 km offshore of Onahama port Upper Layer		3 km offshore of Onahama port 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 of Sampling	2012/2/6 6:30 AM		2012/2/6 6:30 AM		2012/2/6 7:00 AM		2012/2/6 7:00 AM		N/A		N/A		
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)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.66Bq/L, Cs-134: approx. 0.86Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper Layer		3 km offshore of Ena Lower Layer		3 km offshore of Numanouchi Upper Layer		3 km offshore of Numanouchi Lower Layer		3 km offshore of Toyoma Upper Layer		3 km offshore of Toyoma 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 of Sampling	N/A		N/A		2012/2/6 7:15 AM		2012/2/6 7:15 AM		2012/2/6 7:30 AM		2012/2/6 7:30 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.73Bq/L, Cs-134: approx. 0.82Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/8 8:40 AM		2012/2/8 8:20 AM		2012/2/8 8:30 AM		2012/2/8 8:10 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2.5	0.04	1.7	0.03	ND	-	ND	-	60
Cs-137 (about 30 years)	2.4	0.03	1.2	0.01	1.4	0.02	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.80Bq/L, Cs-134: approx. 0.84Bq/L, Cs-137: approx. 0.98Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/7 (Not sampled)		2012/2/7 (Not sampled)		2012/2/7 (Not sampled)		2012/2/7 (Not sampled)		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/7 (Not sampled)		2012/2/7 (Not sampled)		N/A		N/A		N/A		N/A		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	3 km offshore of Souma City Upper Layer		3 km offshore of Souma City Lower Layer		5 km offshore of Souma City Upper Layer		5 km offshore of Souma City Lower Layer		5 km offshore of Kashima Upper Layer		5 km offshore of Kashima 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 of Sampling	2012/2/7 7:05 AM		2012/2/7 7:05 AM		2012/2/7 7:20 AM		2012/2/7 7:20 AM		2012/2/7 7:40 AM		2012/2/7 7:40 AM		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.72Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/9 8:40 AM		2012/2/9 8:20 AM		2012/2/9 8:30 AM		2012/2/9 8:10 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	4.4	0.07	1.5	0.03	ND	-	ND	-	60
Cs-137 (about 30 years)	5.4	0.06	2.8	0.03	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.82Bq/L, Cs-134: approx. 0.87Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		
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)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater ＜offshore 2/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)		2012/2/8 (Not sampled)						
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)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-					300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-					400

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

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of North of Iwaki Upper Layer		3 km offshore of North of Iwaki Lower Layer		3 km offshore of Natsui river Upper Layer		3 km offshore of Natsui river Lower Layer		3 km offshore of Onahama port Upper Layer		3 km offshore of Onahama port 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 of Sampling	N/A		N/A		N/A		N/A		2012/2/8 7:30 AM		2012/2/8 7:30 AM		
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 （approx. 66hrs）	-	-	-	-	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.61Bq/L, Cs-134: approx. 0.96Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper Layer		3 km offshore of Ena Lower Layer		3 km offshore of Numanouchi Upper Layer		3 km offshore of Numanouchi Lower Layer		3 km offshore of Toyoma Upper Layer		3 km offshore of Toyoma 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 of Sampling	2012/2/8 8:00 AM		2012/2/8 9:00 AM		N/A		N/A		N/A		N/A		
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 （approx. 66hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.67Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/10 8:20 AM		2012/2/10 8:35 AM		2012/2/10 8:20 AM		2012/2/10 8:00 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	3.8	0.06	1.9	0.03	ND	-	ND	-	60
Cs-137 (about 30 years)	5.4	0.06	2.2	0.02	1.3	0.01	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.71Bq/L, Cs-134: approx. 0.90Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/9 10:15 AM		2012/2/9 10:15 AM		2012/2/9 9:35 AM		2012/2/9 9:35 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 0.96Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/9 9:10 AM		2012/2/9 9:10 AM		N/A		N/A		N/A		N/A		
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 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.62Bq/L, Cs-134: approx. 0.87Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi 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 of Sampling	2012/2/9 7:05 AM		2012/2/9 7:05 AM										
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 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te-129 (approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0/68Bq/L, Cs-134: approx. 0.84Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/11 8:45 AM		2012/2/11 8:20 AM		2012/2/11 8:25 AM		2012/2/11 8:00 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	1.4	0.02	1.4	0.02	ND	-	ND	-	60
Cs-137 (about 30 years)	1.5	0.02	1.4	0.02	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.71Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	2012/2/10 9:25 AM		2012/2/10 9:25 AM		N/A		N/A		N/A		N/A		
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 （approx. 66hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.63Bq/L, Cs-134: approx. 0.84Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	N/A		N/A		2012/2/10 8:15 AM		2012/2/10 8:15 AM		2012/2/10 7:45 AM		2012/2/10 7:45 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.67Bq/L, Cs-134: approx. 0.97Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/2/10 9:55 AM		2012/2/10 9:55 AM		2012/2/10 10:20 AM		2012/2/10 10:20 AM		2012/2/10 9:15 AM		2012/2/10 9:15 AM		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.67Bq/L, Cs-134: approx. 0.91Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/2/10 9:10 AM		2012/2/10 9:10 AM		2012/2/10 8:40 AM		2012/2/10 8:40 AM						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.79Bq/L, Cs-134: approx. 0.88Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/12 8:40 AM		2012/2/12 8:15 AM		2012/2/12 8:10 AM		2012/2/12 7:50 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	1.4	0.02	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	1.7	0.02	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/11 9:40 AM		2012/2/11 9:40 AM		2012/2/11 9:15 AM		2012/2/11 9:15 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.72Bq/L, Cs-134: approx. 0.78Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/11 8:35 AM		2012/2/11 8:35 AM		N/A		N/A		N/A		N/A		
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 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.64Bq/L, Cs-134: approx. 0.90Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/13 9:05 AM		2012/2/13 8:25 AM		2012/2/13 8:30 AM		2012/2/13 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	1.5	0.03	ND	-	ND	-	60
Cs-137 (about 30 years)	1.1	0.01	1.5	0.02	1.5	0.02	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.77Bq/L, Cs-134: approx. 0.94Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	3 km offshore of Haramachi Ward Upper Layer		3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore 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 of Sampling	2012/2/12 9:35 AM		2012/2/12 9:35 AM		2012/2/12 9:50 AM		2012/2/12 9:50 AM		2012/2/12 7:50 AM		2012/2/12 7:50 AM		
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 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 0.90Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	8 km offshore of Odaka Ward Upper Layer		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore 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 of Sampling	2012/2/12 9:10 AM		2012/2/12 9:10 AM		2012/2/12 8:10 AM		2012/2/12 8:10 AM						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.69Bq/L, Cs-134: approx. 0.91Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in 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 of Sampling	2012/2/14 8:45 AM		2012/2/14 8:25 AM		2012/2/14 8:30 AM		2012/2/14 8:05 AM		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	1.7	0.03	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	2.6	0.03	1.3	0.01	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.70Bq/L, Cs-134: approx. 1.0Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper Layer		15 km offshore of Minami-Souma CityLower Layer		15 km offshore of Ukedo-gawa Upper Layer		15 km offshore of Ukedo-gawa Lower Layer		15 km offshore of Fukushima Daiichi Upper Layer		15 km offshore of Fukushima Daiichi 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 of Sampling	N/A		N/A		2012/2/13 9:30 AM		2012/2/13 9:30 AM		2012/2/13 8:50 AM		2012/2/13 8:50 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.64Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 2/4＞

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper Layer		15 km offshore of Iwasawa Shore Lower Layer		15 km offshore of Hirono-town Upper Layer		15 km offshore of Hirono-town 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 of Sampling	2012/2/13 8:15 AM		2012/2/13 8:15 AM		N/A		N/A		N/A		N/A		
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 （approx. 66hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.61Bq/L, Cs-134: approx. 0.93Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 3/4＞

Place of Sampling	3 km offshore of North of Iwaki Upper Layer		3 km offshore of North of Iwaki Lower Layer		3 km offshore of Natsui river Upper Layer		3 km offshore of Natsui river Lower Layer		3 km offshore of Onahama port Upper Layer		3 km offshore of Onahama port 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 of Sampling	2012/2/13 6:25 AM		2012/2/13 6:25 AM		2012/2/13 6:40 AM		2012/2/13 6:40 AM		N/A		N/A		
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)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	300
La-140 （approx. 40hrs）	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 1.0Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper Layer		3 km offshore of Ena Lower Layer		3 km offshore of Numanouchi Upper Layer		3 km offshore of Numanouchi Lower Layer		3 km offshore of Toyoma Upper Layer		3 km offshore of Toyoma 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 of Sampling	N/A		N/A		2012/2/13 6:55 AM		2012/2/13 6:55 AM		2012/2/13 7:10 AM		2012/2/13 7:10 AM		
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)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	-	-	-	-	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.68Bq/L, Cs-134: approx. 0.90Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Jan 31, 2012 7:10 AM		Jan 31, 2012 7:15 AM		Jan 31, 2012 7:17 AM		Jan 31, 2012 7:19 AM		Jan 31, 2012 7:22 AM		Jan 31, 2012 7:24 AM		
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)	25	0.42	46	0.77	39	0.65	81	1.4	60	1.0	110	1.8	60
Cs-137 (about 30 years)	ND	-	79	0.88	68	0.76	75	0.83	58	0.64	140	1.6	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L, Cs-137: approx. 27Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Jan 31, 2012 7:26 AM		Jan 31, 2012 7:28 AM		Jan 31, 2012 7:30 AM		Jan 31, 2012 7:33 AM		Jan 31, 2012 7:36 AM				
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)	75	1.3	210	3.5	54	0.90	70	1.2	38	0.63			60
Cs-137 (about 30 years)	89	0.99	280	3.1	84	0.93	92	1.0	39	0.43			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 15Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 01, 2012 6:59 AM		Feb 01, 2012 7:03 AM		Feb 01, 2012 7:07 AM		Feb 01, 2012 7:09 AM		Feb 01, 2012 7:12 AM		Feb 01, 2012 7:15 AM		
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)	26	0.43	25	0.42	97	1.6	55	0.92	42	0.70	93	1.6	60
Cs-137 (about 30 years)	31	0.34	50	0.56	140	1.6	77	0.86	66	0.73	110	1.2	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 18Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater ＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 01, 2012 7:17 AM		Feb 01, 2012 7:19 AM		Feb 01, 2012 7:21 AM		Feb 01, 2012 7:23 AM		Feb 01, 2012 7:26 AM				
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)	28	0.47	170	2.8	39	0.65	65	1.1	37	0.62			60
Cs-137 (about 30 years)	37	0.41	230	2.6	53	0.59	110	1.2	74	0.82			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 17Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater<1/2>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 02, 2012 7:10 AM		Feb 02, 2012 7:15 AM		Feb 02, 2012 7:19 AM		Feb 02, 2012 7:23 AM		Feb 02, 2012 7:29 AM		Feb 02, 2012 7:34 AM		
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)	24	0.40	34	0.57	76	1.3	63	1.1	81	1.4	110	1.8	60
Cs-137 (about 30 years)	ND	-	48	0.53	120	1.3	83	0.92	120	1.3	130	1.4	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L, Cs-137: approx. 25Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater ＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 02, 2012 7:36 AM		Feb 02, 2012 7:38 AM		Feb 02, 2012 7:42 AM		Feb 02, 2012 7:44 AM		Feb 02, 2012 7:46 AM				
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)	93	1.6	320	5.3	140	2.3	180	3.0	170	2.8			60
Cs-137 (about 30 years)	130	1.4	380	4.2	190	2.1	250	2.8	200	2.2			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 23Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 03, 2012 7:04 AM		Feb 03, 2012 7:10 AM		Feb 03, 2012 7:14 AM		Feb 03, 2012 7:17 AM		Feb 03, 2012 7:21 AM		Feb 03, 2012 7:23 AM		
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	-	60	1.0	70	1.2	54	0.90	52	0.87	93	1.6	60
Cs-137 (about 30 years)	ND	-	73	0.81	79	0.88	110	1.2	57	0.63	120	1.3	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 11Bq/L, Cs-134: approx. 21Bq/L, Cs-137: approx. 24Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

ace of Sampli	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 03, 2012 7:28 AM		Feb 03, 2012 7:31 AM		Feb 03, 2012 7:35 AM		Feb 03, 2012 7:38 AM		Feb 03, 2012 7:40 AM				
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)	82	1.4	220	3.7	95	1.6	120	2.0	89	1.5			60
Cs-137 (about 30 years)	150	1.7	280	3.1	160	1.8	140	1.6	110	1.2			90
Mn-54 (approx.310 days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx. 70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 14Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 04, 2012 7:04 AM		Feb 04, 2012 7:11 AM		Feb 04, 2012 7:15 AM		Feb 04, 2012 7:20 AM		Feb 04, 2012 7:25 AM		Feb 04, 2012 7:30 AM		
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	-	60	1.0	44	0.73	50	0.83	47	0.78	58	0.97	60
Cs-137 (about 30 years)	28	0.31	78	0.87	54	0.60	62	0.69	62	0.69	84	0.93	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 12Bq/L, Cs-134: approx. 21Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 04, 2012 7:33 AM		Feb 04, 2012 7:36 AM		Feb 04, 2012 7:40 AM		Feb 04, 2012 7:44 AM		Feb 04, 2012 7:49 AM				
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)	72	1.2	170	2.8	71	1.2	86	1.4	77	1.3			60
Cs-137 (about 30 years)	80	0.89	200	2.2	120	1.3	130	1.4	72	0.80			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 16Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 05, 2012 6:49 AM		Feb 05, 2012 6:56 AM		Feb 05, 2012 7:04 AM		Feb 05, 2012 7:04 AM		Feb 05, 2012 7:09 AM		Feb 05, 2012 7:13 AM		
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	-	43	0.72	26	0.43	48	0.80	66	1.1	100	1.7	60
Cs-137 (about 30 years)	ND	-	55	0.61	50	0.56	48	0.53	74	0.82	110	1.2	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 13Bq/L, Cs-134: approx. 23Bq/L, Cs-137: approx. 27Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 05, 2012 7:16 AM		Feb 05, 2012 7:16 AM		Feb 05, 2012 7:25 AM		Feb 05, 2012 7:26 AM		Feb 05, 2012 7:30 AM				
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)	57	0.95	180	3.0	100	1.7	110	1.8	53	0.88			60
Cs-137 (about 30 years)	71	0.79	270	3.0	110	1.2	170	1.9	67	0.74			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 16Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 06, 2012 6:38 AM		Feb 06, 2012 6:44 AM		Feb 06, 2012 6:46 AM		Feb 06, 2012 6:47 AM		Feb 06, 2012 6:53 AM		Feb 06, 2012 6:57 AM		
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)	27	0.45	ND	-	49	0.82	61	1.0	52	0.87	87	1.5	60
Cs-137 (about 30 years)	26	0.29	ND	-	61	0.68	70	0.78	67	0.74	100	1.1	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 13Bq/L, Cs-134: approx. 22Bq/L, Cs-137: approx. 25Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4　Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal				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 of Sampling	Feb 06, 2012 7:00 AM		Feb 06, 2012 7:02 AM		Feb 06, 2012 7:04 AM		Feb 06, 2012 7:06 AM		Feb 06, 2012 7:10 AM				
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)	78	1.3	200	3.3	62	1.0	84	1.4	60	1.0			60
Cs-137 (about 30 years)	82	0.91	250	2.8	110	1.2	110	1.2	53	0.59			90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-			1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-			200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-			40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-			10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-			300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows:　I-131: approx. 16Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 07, 2012 6:50 AM		Feb 07, 2012 6:53 AM		Feb 07, 2012 6:55 AM		Feb 07, 2012 6:57 AM		Feb 07, 2012 7:05 AM		Feb 07, 2012 7:09 AM		
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)	43	0.72	57	0.95	38	0.63	110	1.8	47	0.78	110	1.8	60
Cs-137 (about 30 years)	56	0.62	75	0.83	65	0.72	120	1.3	76	0.84	150	1.7	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 07, 2012 7:13 AM		Feb 07, 2012 7:15 AM		Feb 07, 2012 7:18 AM		Feb 07, 2012 7:20 AM		Feb 07, 2012 7:26 AM		Feb 07, 2012 9:00 AM		
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	-	200	3.3	42	0.70	150	2.5	53	0.88	ND	-	60
Cs-137 (about 30 years)	53	0.59	260	2.9	55	0.61	210	2.3	38	0.42	ND	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 14Bq/L, Cs-134: approx. 24Bq/L, Cs-137: approx. 24Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 08, 2012 7:03 AM		Feb 08, 2012 7:08 AM		Feb 08, 2012 7:12 AM		Feb 08, 2012 7:14 AM		Feb 08, 2012 7:17 AM		Feb 08, 2012 7:19 AM		
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	-	32	0.53	39	0.65	36	0.60	29	0.48	98	1.6	60
Cs-137 (about 30 years)	27	0.30	53	0.59	39	0.43	56	0.62	33	0.37	140	1.6	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L, Cs-134: approx. 21Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 08, 2012 7:23 AM		Feb 08, 2012 7:25 AM		Feb 08, 2012 7:23 AM		Feb 08, 2012 7:25 AM		Feb 08, 2012 7:28 AM		N/A		
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)	37	0.62	130	2.2	38	0.63	72	1.2	49	0.82	-	-	60
Cs-137 (about 30 years)	49	0.54	190	2.1	44	0.49	87	0.97	59	0.66	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 09, 2012 7:03 AM		Feb 09, 2012 7:08 AM		Feb 09, 2012 7:11 AM		Feb 09, 2012 7:13 AM		Feb 09, 2012 7:16 AM		Feb 09, 2012 7:18 AM		
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	-	40	0.67	29	0.48	26	0.43	31	0.52	100	1.7	60
Cs-137 (about 30 years)	33	0.37	41	0.46	69	0.77	35	0.39	58	0.64	150	1.7	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L, Cs-134: approx. 23Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 09, 2012 7:22 AM		Feb 09, 2012 7:24 AM		Feb 09, 2012 7:22 AM		Feb 09, 2012 7:24 AM		Feb 09, 2012 7:27 AM		N/A		
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)	88	1.5	180	3.0	56	0.93	76	1.3	55	0.92	-	-	60
Cs-137 (about 30 years)	100	1.1	200	2.2	81	0.90	91	1.0	50	0.56	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/2>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 10, 2012 6:58 AM		Feb 10, 2012 7:02 AM		Feb 10, 2012 7:06 AM		Feb 10, 2012 7:08 AM		Feb 10, 2012 7:11 AM		Feb 10, 2012 7:14 AM		
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)	26	0.43	33	0.55	26	0.43	34	0.57	33	0.55	57	0.95	60
Cs-137 (about 30 years)	35	0.39	45	0.50	40	0.44	31	0.34	31	0.34	68	0.76	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 11Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/2>

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 10, 2012 7:16 AM		Feb 10, 2012 7:18 AM		Feb 10, 2012 7:20 AM		Feb 10, 2012 7:22 AM		Feb 10, 2012 7:24 AM		N/A		
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)	75	1.3	270	4.5	82	1.4	73	1.2	30	0.50	-	-	60
Cs-137 (about 30 years)	76	0.84	370	4.1	87	0.97	120	1.3	66	0.73	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/2>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 11, 2012 7:01 AM		Feb 11, 2012 7:06 AM		Feb 11, 2012 7:11 AM		Feb 11, 2012 7:13 AM		Feb 11, 2012 7:16 AM		Feb 11, 2012 7:19 AM		
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	-	34	0.57	23	0.38	ND	-	ND	-	64	1.1	60
Cs-137 (about 30 years)	ND	-	35	0.39	35	0.39	47	0.52	42	0.47	85	0.94	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/L, Cs-134: approx. 24Bq/L, Cs-137: approx. 24Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/2>

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 11, 2012 7:22 AM		Feb 11, 2012 7:26 AM		Feb 11, 2012 7:22 AM		Feb 11, 2012 7:26 AM		Feb 11, 2012 7:29 AM		N/A		
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)	27	0.45	260	4.3	62	1.0	61	1.0	65	1.1	-	-	60
Cs-137 (about 30 years)	58	0.64	340	3.8	82	0.91	88	0.98	75	0.83	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 17Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 12, 2012 6:48 AM		Feb 12, 2012 6:53 AM		Feb 12, 2012 6:56 AM		Feb 12, 2012 6:58 AM		Feb 12, 2012 7:00 AM		Feb 12, 2012 7:02 AM		
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)	24	0.40	33	0.55	28	0.47	43	0.72	48	0.80	110	1.8	60
Cs-137 (about 30 years)	44	0.49	40	0.44	59	0.66	45	0.50	70	0.78	170	1.9	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 11Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/2>

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 12, 2012 7:07 AM		Feb 12, 2012 7:10 AM		Feb 12, 2012 7:07 AM		Feb 12, 2012 7:10 AM		Feb 12, 2012 7:13 AM		N/A		
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)	41	0.68	100	1.7	88	1.5	64	1.1	110	1.8	-	-	60
Cs-137 (about 30 years)	56	0.62	130	1.4	110	1.2	110	1.2	140	1.6	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 14Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/2>

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 13, 2012 7:03 AM		Feb 13, 2012 7:15 AM		Feb 13, 2012 7:18 AM		Feb 13, 2012 7:22 AM		Feb 13, 2012 7:24 AM		Feb 13, 2012 7:27 AM		
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	-	36	0.60	37	0.62	46	0.77	97	1.6	60
Cs-137 (about 30 years)	ND	-	46	0.51	48	0.53	53	0.59	57	0.63	150	1.7	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L, Cs-134: approx. 21Bq/L, Cs-137: approx. 24Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 13, 2012 7:29 AM		Feb 13, 2012 7:31 AM		Feb 13, 2012 7:35 AM		Feb 13, 2012 7:37 AM		Feb 13, 2012 7:42 AM		N/A		
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)	59	0.98	180	3.0	66	1.1	90	1.5	46	0.77	-	-	60
Cs-137 (about 30 years)	87	0.97	260	2.9	79	0.88	110	1.2	65	0.72	-	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	-	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 14Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 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)		Screen of 1F's Unit 2 (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 of Sampling	Feb 14, 2012 7:10 AM		Feb 14, 2012 7:15 AM		Feb 14, 2012 7:18 AM		Feb 14, 2012 7:21 AM		Feb 14, 2012 7:23 AM		Feb 14, 2012 7:27 AM		
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	-	26	0.43	26	0.43	27	0.45	ND	-	88	1.5	60
Cs-137 (about 30 years)	ND	-	31	0.34	49	0.54	33	0.37	66	0.73	140	1.6	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L, Cs-134: approx. 23Bq/L, Cs-137: approx. 23Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS＜2/2＞

Place of Sampling	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)		Inside the south of 1F's Units 1-4 Water Intake Canal		In front of the water intake canal of 1F's Unit 6		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 of Sampling	Feb 14, 2012 7:29 AM		Feb 14, 2012 7:32 AM		Feb 14, 2012 7:34 AM		Feb 14, 2012 7:37 AM		Feb 14, 2012 7:40 AM		Feb 14, 2012 8:55 AM		
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)	46	0.77	150	2.5	60	1.0	70	1.2	67	1.1	ND	-	60
Cs-137 (about 30 years)	66	0.73	200	2.2	81	0.90	110	1.2	94	1.0	ND	-	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L, Cs-134: approx. 20Bq/L, Cs-137: approx. 24Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 01, 2012 9:10	Feb 01, 2012 9:15	Feb 01, 2012 9:20	Feb 01, 2012 9:46	Feb 01, 2012 10:48	Feb 01, 2012 9:05	Feb 01, 2012 8:50
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.8E-01	1.0E+00	3.2E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	4.3E-01	1.4E+00	ND	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 3E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 03, 2012 9:30	Feb 03, 2012 9:35	Feb 03, 2012 9:50	Feb 03, 2012 9:49	Feb 03, 2012 10:44	Feb 03, 2012 9:20	Feb 03, 2012 9:00
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.7E-01	1.0E+00	7.5E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	4.0E-01	1.5E+00	9.9E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 3E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 06, 2012 10:10	Feb 06, 2012 10:25	Feb 06, 2012 11:10	Feb 06, 2012 9:44	Feb 06, 2012 10:40	Feb 06, 2012 9:45	Feb 06, 2012 8:45
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.7E-01	1.1E+00	9.9E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	4.0E-01	1.6E+00	1.4E-01	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 3E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 08, 2012 9:25	Feb 08, 2012 9:30	Feb 08, 2012 9:40	Feb 08, 2012 9:55	Feb 08, 2012 10:46	Feb 08, 2012 9:15	Feb 08, 2012 9:00
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.6E-01	5.9E-01	5.5E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	3.8E-01	8.5E-01	7.2E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 10, 2012 9:25	Feb 10, 2012 (Not sampled)	Feb 10, 2012 9:45	Feb 10, 2012 9:34	Feb 10, 2012 10:34	Feb 10, 2012 9:15	Feb 10, 2012 9:00
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	-	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.8E-01	-	ND	ND	ND	ND	ND
Cs-137 (about 30 years)	4.1E-01	-	4.1E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	-	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	-	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	-	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	-	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	-	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	-	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	-	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	-	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	-	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 13, 2012 10:55	Feb 13, 2012 11:00	Feb 13, 2012 11:10	Feb 13, 2012 9:33	Feb 13, 2012 10:25	Feb 13, 2012 10:45	Feb 13, 2012 10:20
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.4E-01	5.0E-01	2.9E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	4.0E-01	6.9E-01	ND	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Jan 31, 2012 09:39 am	Jan 31, 2012 09:43 am	Jan 31, 2012 09:46 am	Jan 31, 2012 09:57 am	N/A	Jan 31, 2012 09:54 am	Jan 31, 2012 10:01 am	Jan 31, 2012 09:50 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	6.9E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.2E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 01, 2012 09:46 am	Feb 01, 2012 09:52 am	Feb 01, 2012 09:57 am	Feb 01, 2012 10:13 am	N/A	Feb 01, 2012 10:10 am	Feb 01, 2012 10:18 am	Feb 01, 2012 10:04 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.7E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	2.3E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 02, 2012 09:38 am	Feb 02, 2012 09:45 am	Feb 02, 2012 09:50 am	Feb 02, 2012 10:07 am	N/A	Feb 02, 2012 10:00 am	Feb 02, 2012 10:13 am	Feb 02, 2012 09:55 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	6.6E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	8.8E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 03, 2012 09:49 am	Feb 03, 2012 09:54 am	Feb 03, 2012 09:58 am	Feb 03, 2012 10:10 am	N/A	Feb 03, 2012 10:07 am	Feb 03, 2012 10:15 am	Feb 03, 2012 10:03 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.0E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.4E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 04, 2012 09:15 am	Feb 04, 2012 09:20 am	Feb 04, 2012 09:24 am	Feb 04, 2012 09:36 am	N/A	Feb 04, 2012 09:33 am	Feb 04, 2012 09:41 am	Feb 04, 2012 09:28 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.2E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.7E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 05, 2012 09:22 am	Feb 05, 2012 09:28 am	Feb 05, 2012 09:32 am	Feb 05, 2012 09:46 am	N/A	Feb 05, 2012 09:42 am	Feb 05, 2012 09:51 am	Feb 05, 2012 09:37 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	9.1E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.6E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 06, 2012 09:44 am	Feb 06, 2012 09:49 am	Feb 06, 2012 09:52 am	Feb 06, 2012 10:10 am	Feb 06, 2012 10:02 am	Feb 06, 2012 10:07 am	Feb 06, 2012 10:14 am	Feb 06, 2012 09:57 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	ND	1.2E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	ND	1.4E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 07, 2012 09:29 am	Feb 07, 2012 09:34 am	Feb 07, 2012 09:38 am	Feb 07, 2012 09:50 am	N/A	Feb 07, 2012 09:47 am	Feb 07, 2012 09:54 am	Feb 07, 2012 09:43 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	4.3E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	7.0E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 08, 2012 09:55 am	Feb 08, 2012 09:59 am	Feb 08, 2012 10:02 am	Feb 08, 2012 10:14 am	N/A	Feb 08, 2012 10:11 am	Feb 08, 2012 10:18 am	Feb 08, 2012 10:07 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	6.4E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	6.9E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 09, 2012 09:46 am	Feb 09, 2012 09:51 am	Feb 09, 2012 09:59 am	Feb 09, 2012 10:12 am	N/A	Feb 09, 2012 10:08 am	Feb 09, 2012 10:16 am	Feb 09, 2012 10:04 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.5E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.9E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 10, 2012 09:34 am	Feb 10, 2012 09:38 am	Feb 10, 2012 09:41 am	Feb 10, 2012 09:53 am	N/A	Feb 10, 2012 09:50 am	Feb 10, 2012 09:58 am	Feb 10, 2012 09:45 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	5.2E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	7.3E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**１０**-O.

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 11, 2012 09:37 am	Feb 11, 2012 09:40 am	Feb 11, 2012 09:44 am	Feb 11, 2012 09:56 am	N/A	Feb 11, 2012 09:52 am	Feb 11, 2012 10:00 am	Feb 11, 2012 09:48 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.1E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.7E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 12, 2012 09:23 am	Feb 12, 2012 09:28 am	Feb 12, 2012 09:31 am	Feb 12, 2012 09:44 am	N/A	Feb 12, 2012 09:41 am	Feb 12, 2012 09:48 am	Feb 12, 2012 09:36 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	3.5E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	5.7E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 13, 2012 09:33 am	Feb 13, 2012 09:37 am	Feb 13, 2012 09:41 am	Feb 13, 2012 09:56 am	Feb 13, 2012 09:49 am	Feb 13, 2012 09:53 am	Feb 13, 2012 10:00 am	Feb 13, 2012 09:45 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	ND	3.2E-02	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	ND	4.5E-02	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	Feb 14, 2012 09:22 am	Feb 14, 2012 09:26 am	Feb 14, 2012 09:29 am	Feb 14, 2012 09:39 am	N/A	Feb 14, 2012 09:36 am	Feb 14, 2012 09:42 am	Feb 14, 2012 09:33 am
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.1E-01	2.2E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.6E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* O.OE-O has the same meaning as O.O×**1 0**-O.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 1/2＞

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		3 km offshore of Oarai shore 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 of Sampling	Jan 26, 2012 7:30		Jan 26, 2012 7:29		Jan 27, 2012 8:55		Jan 27, 2012 8:53		Jan 27, 2012 8:09		Jan 27, 2012 8:07		
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 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.89Bq/L, Cs-134: approx. 1.4Bq/L, Cs-137: approx. 1.4Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore 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 of Sampling	Jan 26, 2012 13:21		Jan 26, 2012 13:19		Jan 25, 2012 13:42		Jan 25, 2012 13:40						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1.1Bq/L, Cs-134: approx. 1.3Bq/L, Cs-137: approx. 1.4Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 1/2＞

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		3 km offshore of Oarai shore 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 of Sampling	Jan 31, 2012 7:34		Jan 31, 2012 7:33		Feb 01, 2012 10:28		Feb 01, 2012 10:27		Feb 01, 2012 11:26		Feb 01, 2012 11:23		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1.2Bq/L, Cs-134: approx. 1.3Bq/L, Cs-137: approx. 1.2Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore 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 of Sampling	Feb 02, 2012 (Not sampled)		Feb 02, 2012 (Not sampled)		Feb 02, 2012 (Not sampled)		Feb 02, 2012 (Not sampled)						
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)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 1/2＞

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		3 km offshore of Oarai shore 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 of Sampling	Feb 08, 2012 7:43		Feb 08, 2012 7:41		Feb 08, 2012 8:29		Feb 08, 2012 8:26		Feb 08, 2012 13:11		Feb 08, 2012 13:09		
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 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1.0Bq/L, Cs-134: approx. 1.4Bq/L, Cs-137: approx. 1.3Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Ibaraki Prefecture 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore 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 of Sampling	Feb 06, 2012 14:26		Feb 06, 2012 14:24		Feb 06, 2012 14:38		Feb 06, 2012 14:36						
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)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1.3Bq/L, Cs-134: approx. 1.3Bq/L, Cs-137: approx. 1.4Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Miyagi Pref. 1/3＞

Place of Sampling	Ishinomaki bayUpper Layer		Ishinomaki bayMiddle Layer		Ishinomaki bayLower Layer		Offshore of East side of Kinkasan Upper Layer		Offshore of East side of Kinkasan Middle Layer		Offshore of East side of Kinkasan 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 of Sampling	Jan 31, 2012 12:17		Jan 31, 2012 12:25		Jan 31, 2012 12:21		Jan 31, 2012 9:50		Jan 31, 2012 9:56		Jan 31, 2012 10:10		
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 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.99Bq/L, Cs-134: approx. 1.0Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Miyagi Pref. 2/3＞

Place of Sampling	Offshore of South side of Kinkasan Upper Layer		Offshore of South side of Kinkasan Middle Layer		Offshore of South side of Kinkasan Lower Layer		Offshore of Shichigahama Upper Layer		Offshore of Shichigahama Middle Layer		Offshore of Shichigahama 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 of Sampling	Jan 31, 2012 10:30		Jan 31, 2012 10:59		Jan 31, 2012 10:55		Jan 31, 2012 9:17		Jan 31, 2012 9:14		Jan 31, 2012 9:10		
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 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.93Bq/L, Cs-134: approx. 1.2Bq/L, Cs-137: approx. 1.3Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater＜Offshore of Miyagi Pref. 3/3＞

Place of Sampling	Central area of Sendai bay Upper Layer		Central area of Sendai bay MIddle Layer		Central area of Sendai bay Lower Layer		Offshore of Abukumagawa Upper Layer		Offshore of Abukumagawa Middle Layer		Offshore of Abukumagawa 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 of Sampling	Jan 31, 2012 8:37		Jan 31, 2012 8:32		Jan 31, 2012 8:22		Jan 31, 2012 7:33		Jan 31, 2012 7:30		Jan 31, 2012 7:25		
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 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	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.

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1.0Bq/L, Cs-134: approx. 1.1Bq/L, Cs-137: approx. 1.2Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	8km offshore of Odaka-ku	8km offshore of Iwasawa shore			
Time of Sampling	Feb 04, 2012 (Not sampled)	Feb 04, 2012 8:40			
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	-	ND			
Cs-134 (about 2 years)	-	1,100			
Cs-137 (about 30 years)	-	1,400			
Mn-54 (approx.310days)	-	ND			
Co-60 (approx.5yrs)	-	ND			
Tc-99m (approx.6hrs)	-	ND			
Ag-110m (approx.250days)	-	ND			
Sb-125 (approx.3yrs)	-	ND			
Te-129 (approx.70mins)	-	ND			
Te-129m (approx.34days)	-	ND			
Cs-136 (approx.13days)	-	ND			
Ba-140 (approx.13days)	-	ND			
La-140 (approx.40hrs)	-	ND			

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 12Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	3km offshore of Haramachi-ku	3km offshore of Odaka-ku	Iwasawa offshore 3km	8km offshore of Odaka-ku	
Time of Sampling	Feb 06, 2012 10:15	Feb 06, 2012 9:30	Feb 06, 2012 8:00	Feb 06, 2012 9:05	
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	ND	ND	ND	ND	
Cs-134 (about 2 years)	180	48	150	61	
Cs-137 (about 30 years)	250	70	200	81	
Mn-54 (approx.310days)	ND	ND	ND	ND	
Co-60 (approx.5yrs)	ND	ND	ND	ND	
Tc-99m (approx.6hrs)	ND	ND	ND	ND	
Ag-110m (approx.250days)	ND	ND	ND	ND	
Sb-125 (approx.3yrs)	ND	ND	ND	ND	
Te-129 (approx.70mins)	ND	ND	ND	ND	
Te-129m (approx.34days)	ND	ND	ND	ND	
Cs-136 (approx.13days)	ND	ND	ND	ND	
Ba-140 (approx.13days)	ND	ND	ND	ND	
La-140 (approx.40hrs)	ND	ND	ND	ND	

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 6Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	15 km offshore of Ukedo-gawa	15 km offshore of Fukushima Daiichi	15 km offshore of Fukushima Daini		
Time of Sampling	Feb 07, 2012 (Not sampled)	Feb 07, 2012 (Not sampled)	Feb 07, 2012 (Not sampled)		
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	-	-	-		
Cs-134 (about 2 years)	-	-	-		
Cs-137 (about 30 years)	-	-	-		
Mn-54 (approx.310days)	-	-	-		
Co-60 (approx.5yrs)	-	-	-		
Tc-99m (approx.6hrs)	-	-	-		
Ag-110m (approx.250days)	-	-	-		
Sb-125 (approx.3yrs)	-	-	-		
Te-129 (approx.70mins)	-	-	-		
Te-129m (approx.34days)	-	-	-		
Cs-136 (approx.13days)	-	-	-		
Ba-140 (approx.13days)	-	-	-		
La-140 (approx.40hrs)	-	-	-		

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	3 km offshore of Onahama Port	3 km offshore of Ena Port			
Time of Sampling	Feb 08, 2012 7:30	Feb 08, 2012 9:00			
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	ND	ND			
Cs-134 (about 2 years)	150	140			
Cs-137 (about 30 years)	200	190			
Mn-54 (approx.310days)	ND	ND			
Co-60 (approx.5yrs)	ND	ND			
Tc-99m (approx.6hrs)	ND	ND			
Ag-110m (approx.250days)	ND	ND			
Sb-125 (approx.3yrs)	13	ND			
Te-129 (approx.70mins)	ND	ND			
Te-129m (approx.34days)	ND	ND			
Cs-136 (approx.13days)	ND	ND			
Ba-140 (approx.13days)	ND	ND			
La-140 (approx.40hrs)	ND	ND			

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 5Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	5 km offshore of Numanouchi				
Time of Sampling	Feb 09, 2012 12:00				
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	ND				
Cs-134 (about 2 years)	94				
Cs-137 (about 30 years)	130				
Mn-54 (approx.310days)	ND				
Co-60 (approx.5yrs)	ND				
Tc-99m (approx.6hrs)	ND				
Ag-110m (approx.250days)	ND				
Sb-125 (approx.3yrs)	ND				
Te-129 (approx.70mins)	ND				
Te-129m (approx.34days)	ND				
Cs-136 (approx.13days)	ND				
Ba-140 (approx.13days)	ND				
La-140 (approx.40hrs)	ND				

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 4Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil<1/2>

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 (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)	3km offshore of North of Iwaki City
Time of Sampling	Feb 13, 2012 9:10	Feb 13, 2012 8:45	Feb 13, 2012 14:30	Feb 13, 2012 8:05	Feb 13, 2012 6:35
Detected Nuclides (Half-life)	Radioactivity density (Bq/kg・moist soil)				
I-131 (about 8 days)	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	590	830	230	160	99
Cs-137 (about 30 years)	760	1,100	280	200	130
Mn-54 (approx.310days)	ND	3.6	ND	ND	ND
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND
Tc-99m (approx.6hrs)	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 8Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide analysis results of ocean soil<2/2>

Place of Sampling	3km offshore of Natsui River	3 km offshore of Numanouchi	3km offshore of Toyoma		
Time of Sampling	Feb 13, 2012 7:02	Feb 13, 2012 7:25	Feb 13, 2012 7:43		
Detected Nuclides (Half-life)	Radioactivity density （Bq/kg・moist soil)				
I-131 (about 8 days)	ND	ND	ND		
Cs-134 (about 2 years)	68	96	190		
Cs-137 (about 30 years)	95	130	250		
Mn-54 (approx.310days)	ND	ND	ND		
Co-60 (approx.5yrs)	ND	ND	ND		
Tc-99m (approx.6hrs)	ND	ND	ND		
Ag-110m (approx.250days)	ND	ND	ND		
Sb-125 (approx.3yrs)	ND	ND	ND		
Te-129 (approx.70mins)	ND	ND	ND		
Te-129m (approx.34days)	ND	ND	ND		
Cs-136 (approx.13days)	ND	ND	ND		
Ba-140 (approx.13days)	ND	ND	ND		
La-140 (approx.40hrs)	ND	ND	ND		

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 5Bq/kg・moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the opening parts of the buildings of Fukushima Daiichi NPS ＜1/5＞

Place of Sampling	Open part of process main building (eastern open part) (currently closed)		Open part of Incineration Workshop Building (southeastern open part)		Open part of On-site Bunker Building (truck bay door of On-site Bunker Building)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 25, 2012 8:53～9:53		Jan 25, 2012 8:53～9:53		Jan 25, 2012 10:08～11:08		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	6.0E-05	0.03	1.7E-05	0.01	6.6E-05	0.03	2E-03
Cs-137 (about 30 years)	8.9E-05	0.03	2.3E-05	0.01	9.1E-05	0.03	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 9E-6Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3 Particulate: I-131: approx. 3E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the opening parts of the buildings of Fukushima Daiichi NPS ＜2/5＞

Place of Sampling	Open part of Miscellaneous Solid Waste Volume Reduction Treatment Building (northeastern open part) (currently closed)		Open part of process main building (in Decontamination instrument room) (currently closed)		Ventilation of Granulated Solidification Matter Storage Tank (ventilation outlet)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 25, 2012 10:14～11:14		Jan 25, 2012 9:52～10:52		Jan 25, 2012 10:57～11:07		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	1.0E-04	0.05	2.3E-04	0.12	ND	-	2E-03
Cs-137 (about 30 years)	1.4E-04	0.05	2.9E-04	0.10	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 6E-6Bq/cm3, Cs-134: approx. 9E-6Bq/cm3, Cs-137: approx. 1E-5Bq/cm3 Particulate: I-131: approx. 5E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 6E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the opening parts of the buildings of Fukushima Daiichi NPS ＜3/5＞

Place of Sampling	Waste treatment facility of Unit 1 (western open part)		Waste treatment facility of Unit 2 (western open part) (currently closed)		Waste treatment facility of Unit 4 (northeastern open part) (currently closed)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 26, 2012 8:45～9:45		Jan 26, 2012 8:48～9:48		Jan 26, 2012 13:29～14:29		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	4.5E-05	0.02	1.1E-05	0.01	1.4E-05	0.01	2E-03
Cs-137 (about 30 years)	4.5E-05	0.02	1.5E-05	0.01	1.7E-05	0.01	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 7E-6Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3 Particulate: I-131: approx. 3E-6Bq/cm3, Cs-137: approx. 1E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the opening parts of the buildings of Fukushima Daiichi NPS ＜4/5＞

Place of Sampling	Open part of reactor building of Unit 4 （truck bay door of reactor building）		Open part of turbine building of Unit 1 （truck bay door of turbine building）		Open part of turbine building of Unit 2 （truck bay door of turbine building）		②Density limit in the air to workers engaged in tasks associated with radiation （Bq/cm3） *
Time of Sampling	Jan 26, 2012 13:23～14:23		Jan 27, 2012 8:32～9:32		Jan 27, 2012 8:32～9:32		
Detected Nuclides (Half-life)	①density of sample （Bq/cm3）	Scaling Factor (①/②)	①density of sample （Bq/cm3）	Scaling Factor (①/②)	①density of sample （Bq/cm3）	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	1.5E-05	0.01	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	2.1E-05	0.01	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 （approx.78hrs ）	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 6E-6Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3 Particulate: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 9E-6Bq/cm3, Cs-137: approx. 1E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the opening parts of the buildings of Fukushima Daiichi NPS ＜5/5＞

Place of Sampling	Open part of turbine building of Unit 3 (truck bay door of turbine building)		Open part of turbine building of Unit 4 (truck bay door of turbine building)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Jan 27, 2012 13:45～14:45		Jan 27, 2012 13:45～14:45				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	2.1E-05	0.01	1.4E-05	0.01			2E-03
Cs-137 (about 30 years)	2.9E-05	0.01	1.8E-05	0.01			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ru-106 (approx 370 days)	ND	-	ND	-			6E-04
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-			6E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 5E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3 Particulate: I-131: approx. 4E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜1/4＞

Place of Sampling	Upper part of reactor building of Unit 3 ① (northeastern side on the reactor(downward))		Upper part of reactor building of Unit 3 ② (northeastern side on the reactor (horizontal direction))		Upper part of reactor building of Unit 3 ③ (northeastern side on the reactor(downward))		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 12:25～12:55		Feb 03, 2012 12:25～12:55		Feb 03, 2012 13:15～13:45		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	7.9E-04	0.40	1.0E-03	0.50	9.1E-05	0.05	2E-03
Cs-137 (about 30 years)	1.1E-03	0.37	1.4E-03	0.47	1.2E-04	0.04	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 1E-5Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 3E-5Bq/cm3 Particulate: I-131: approx. 1E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜2/4＞

Place of Sampling	Upper part of reactor building of Unit 3 ④ (northeastern side on the reactor (horizontal direction))		Upper part of reactor building of Unit 3 ⑤ (around third floor of equipment hatch open part)		Upper part of reactor building of Unit 3 ⑥ (around third floor of equipment hatch open part)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 13:15～13:45		Feb 03, 2012 9:30～10:00		Feb 03, 2012 11:30～12:00		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3.0E-04	0.15	1.7E-05	0.01	1.1E-04	0.06	2E-03
Cs-137 (about 30 years)	4.1E-04	0.14	ND	-	1.2E-04	0.04	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 1E-5Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 3E-5Bq/cm3 Particulate: I-131: approx. 7E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜3/4＞

Place of Sampling	Upper part of reactor building of Unit 3 ⑦ (upper part of equipment hatch open part)		Upper part of reactor building of Unit 3 ⑧ (around second floor of equipment hatch open part)		Upper part of reactor building of Unit 3 ⑨ (around ground floor of equipment hatch open part)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 9:30～10:00		Feb 03, 2012 9:30～10:00		Feb 03, 2012 9:30～10:00		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	1.6E-05	0.01	1.6E-05	0.01	2E-03
Cs-137 (about 30 years)	2.6E-05	0.01	2.1E-05	0.01	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 9E-6Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 3E-5Bq/cm3 Particulate: I-131: approx. 6E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜4/4＞

Place of Sampling	Upper part of reactor building of Unit 3 ⑩ (north side of equipment hatch open part (downward))		Upper part of reactor building of Unit 3 ⑪ (north side of equipment hatch open part (horizontal direction))		Upper part of reactor building of Unit 3 ⑫ (front of reactor building (southwestern side))		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 03, 2012 10:40～11:10		Feb 03, 2012 10:40～11:10		Feb 03, 2012 9:30～10:00		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	3.2E-05	0.02	4.5E-05	0.02	2E-03
Cs-137 (about 30 years)	ND	-	7.9E-05	0.03	6.1E-05	0.02	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 1E-5Bq/cm3, Cs-134: approx. 2E-5Bq/cm3, Cs-137: approx. 3E-5Bq/cm3 Particulate: I-131: approx. 7E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Reactor Building of Unit 1, Fukushima Daiichi <1/2>

Place of Sampling	Upper part of reactor building of Unit 2 ① (central western side of blow-out pannel)		Upper part of reactor building of Unit 2 ② (central northern side of blow-out pannel)		Upper part of reactor building of Unit 2 ③ (central western side of blow-out pannel)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 06, 2012 8:44～10:44		Feb 06, 2012 8:44～10:44		Feb 06, 2012 11:03～13:03		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	6.7E-06	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	6E-04
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3 Particulate: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the Upper Part of the Reactor Building of Unit 1, Fukushima Daiichi <2/2>

Place of Sampling	Upper part of reactor building of Unit 2 ④ (central northern side of blow-out pannel)						②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 06, 2012 11:03～13:03						
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	8.2E-06	0.00					2E-03
Cs-137 (about 30 years)	1.0E-05	0.00					3E-03
Nb-95 (approx.35days)	ND	-					2E-02
Tc-99m (approx.6hrs)	ND	-					7E-01
Ru-106 (approx 370 days)	ND	-					6E-04
Ag-110m (approx.250days)	ND	-					3E-03
Sb-125 (approx.3yrs)	ND	-					6E-03
Te-129 (approx.70mins)	ND	-					4E-01
Te-129m (approx.34days)	ND	-					4E-03
I-132 (approx.2hrs)	ND	-					7E-02
Te-132 (approx.78hrs)	ND	-					4E-03
I-133 (approx.21hrs)	ND	-					5E-03
Cs-136 (approx.13days)	ND	-					1E-02
Ba-140 (approx.13days)	ND	-					1E-02
La-140 (approx.40hrs)	ND	-					1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3 Particulate: I-131: approx. 2E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜1/3＞

Place of Sampling	Upper part of reactor building of Unit 1 ① (intake part of cover exhaust system filter)		Upper part of reactor building of Unit 1 ② (outlet part of cover exhaust system filter)		Upper part of reactor building of Unit 1 ③ (northwestern part of cover)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 07, 2012 6:31～7:31		Feb 07, 2012 8:12～9:12		Feb 07, 2012 4:29～5:29		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	6.7E-06	0.0	ND	-	4.0E-06	0.0	2E-03
Cs-137 (about 30 years)	9.6E-06	0.0	ND	-	6.1E-06	0.0	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜2/3＞

Place of Sampling	Upper part of reactor building of Unit 1 ④ (northeastern part of cover)		Upper part of reactor building of Unit 1 ⑤ (southwestern part of cover)		Upper part of reactor building of Unit 1 ⑥ (reactor building operating floor side open part)		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 07, 2012 3:27～4:27		Feb 07, 2012 5:30～6:30		Feb 07, 2012 8:34～9:34		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	5.0E-06	0.0	2.7E-06	0.0	3.4E-06	0.00	2E-03
Cs-137 (about 30 years)	5.9E-06	0.0	6.1E-06	0.0	4.6E-06	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ru-106 (approx 370 days)	ND	-	ND	-	ND	-	3E-03
Sb-125 (approx.3yrs)	ND	-	ND	-	ND	-	6E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 8E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS ＜3/3＞

Place of Sampling	Upper part of reactor building of Unit 1 ⑦ (ceiling of spent fuel pool)						②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 07, 2012 7:33～8:33						
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-					1E-03
Cs-134 (about 2 years)	4.8E-06	0.00					2E-03
Cs-137 (about 30 years)	8.8E-06	0.00					3E-03
Nb-95 (approx.35days)	ND	-					2E-02
Tc-99m (approx.6hrs)	ND	-					7E-01
Ru-106 (approx 370 days)	ND	-					3E-03
Sb-125 (approx.3yrs)	ND	-					6E-03
Te-129 (approx.70mins)	ND	-					4E-01
Te-129m (approx.34days)	ND	-					4E-03
I-132 (approx.2hrs)	ND	-					7E-02
I-132 (approx.2hrs)	ND	-					4E-03
I-133 (approx.21hrs)	ND	-					5E-03
I-133 (approx.21hrs)	ND	-					1E-02
Ba-140 (approx.13days)	ND	-					1E-02
La-140 (approx.40hrs)	ND	-					1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

* O.OE－O means O.O x 10-O

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

* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 7E-7Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This survey shows results of the nuclide analysis of particulte radioactive materials in the air.

【Definite Report】Nuclide Analysis Results of Radioactive Materials in the Air at the upper part of the reactor building of Fukushima Daiichi NPS

Place of Sampling	Upper part of reactor building of Unit 2 ① (central western side of blow-out pannel)		Upper part of reactor building of Unit 2 ② (central northern side of blow-out pannel)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Feb 13, 2012 11:45～13:45		Feb 13, 2012 (Not sampled)				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	-	-			1E-03
Cs-134 (about 2 years)	ND	-	-	-			2E-03
Cs-137 (about 30 years)	6.0E-06	0.00	-	-			3E-03
Nb-95 (approx.35days)	ND	-	-	-			2E-02
Tc-99m (approx.6hrs)	ND	-	-	-			7E-01
Ru-106 (approx 370 days)	ND	-	-	-			6E-04
Ag-110m (approx.250days)	ND	-	-	-			3E-03
Sb-125 (approx.3yrs)	ND	-	-	-			6E-03
Te-129 (approx.70mins)	ND	-	-	-			4E-01
Te-129m (approx.34days)	ND	-	-	-			4E-03
I-132 (approx.2hrs)	ND	-	-	-			7E-02
Te-132 (approx.78hrs)	ND	-	-	-			4E-03
I-133 (approx.21hrs)	ND	-	-	-			5E-03
Cs-136 (approx.13days)	ND	-	-	-			1E-02
Ba-140 (approx.13days)	ND	-	-	-			1E-02
La-140 (approx.40hrs)	ND	-	-	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* "ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as follows: Volatile: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3 Particulate: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the fallout in and around the sites of Fukushima Daiichi NPS

Place of Sampling	Environment Monitoring Building of Fukushima Daiichi NPS	Administrative Building of Fukushima Daiini NPS				
Time of Sampling	Jan 05, 2012 11:20～ Feb 01, 2012 10:20	Jan 05, 2012 10:30～ Feb 01, 2012 10:30				
Detected Nuclides (Half-life)	Radioactivity density （Bq/m2)					
I-131 (about 8 days)	ND	ND				
Cs-134 (about 2 years)	5,200	190				
Cs-137 (about 30 years)	7,000	260				
Co-60 (approx.5yrs)	ND	ND				
Nb-95 (approx.35days)	ND	ND				
Tc-99m (approx.6hrs)	ND	ND				
Ag-110m (approx.250days)	ND	ND				
Te-129 (approx.70mins)	ND	ND				
Te-129m (approx.34days)	ND	ND				
I-132 (approx.2hrs)	ND	ND				
Te-132 （approx.78hrs）	ND	ND				
I-133 (approx.21hrs)	ND	ND				
Cs-136 (approx.13days)	ND	ND				
Ba-140 (approx.13days)	ND	ND				
La-140 (approx.40hrs)	ND	ND				

* Bq/m2＝MBq/km2

* "ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 140Bq/m2. Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.