[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 o Daiich	f Fukushima ni NPS	MP-1 of Fuku (Refer	ushima Daini ence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 16, 2011 •12:00	November 9:35 ~	r 16, 2011 ∽9:45			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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. 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	Environmen Building of Dai	t Monitoring Fukushima ichi	Water Treatment Building of S Fukushima Daiichi		Switching Yard of Unit 5 and 6, Fukushima Daiichi		Density limit in	
Time of Sampling	Novembe 9:55 ~	r 16, 2011 14:55	November 16, 2011 10:10 ~ 15:10		November 16, 2011 10:19 ~ 15:19		engaged in tasks	
Detected Nuclides (Half-life)	density of sample ( Bq/cm3)	Scaling Factor ( / )	density of sample ( Bq/cm3)	Scaling Factor ( / )	density of sample ( Bq/cm3)	Scaling Factor ( / )	radiation ( Bq/cm3 )	
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	
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	

\* 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-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-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 sar

[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 o Daiich	f Fukushima ni NPS	MP-1 of Fuk (Refe	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 17, 2011 •12:00	Novembe 9:32~	r 17, 2011 ~9:42			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	2.1E-07	0.00	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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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-137: approx. 2E-7Bq/cm3

The detection limits of major three 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

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 Fukushima D &	2 Density limit in		
Time of Sampling	Novembe 9:59~	r 17, 2011 ∙14:59	November 17, 2011 10:06~15:06		November 17, 2011 10:14~15:14		engaged in tasks	
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)	radiation (Bq/cm3)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03	
Cs-134 (about 2 years)	ND	-	2.9E-06	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	
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01	
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03	
l-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02	
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03	
l-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	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

\* 0.0E-0 means 0.0 x 10-0

(approx.40hrs)

\* 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 sar

[Definite Report]	Nuclide Analysis Results of Radioactive Materials in the Air at the seaside of the sites of Fukushima
Nuclear Power Statio	ons

Place of Sampling	At the Surfa seawall of Dai	ce of South Fukushima ichi	At the top of located at l Dai	<sup>-</sup> Mega Float Fukushima ichi			②Density limit in
Time of Sampling	November 19:00~	r 16, 2011 ∽24:00	November 19:00~	r 16, 2011 ∽24:00			engaged in tasks associated with
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)	radiation (Bq/cm3)
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
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

\* 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. 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.

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuku (Refer	ushima Daini rence)			②Density limit in
Time of Sampling	November 7:00~	r 18, 2011 •12:00	November 9:31 ~	r 18, 2011 ∽9:41			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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. 1E-6Bq/cm3

Place of Sampling	West Gate o Daiich	of Fukushima ni NPS	MP-1 of Fuk (Refe	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 19, 2011 •12:00	Novembe 9:16~	r 19, 2011 ~9:26			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuku (Refer	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 20, 2011 •12:00	November 9:20~	r 20, 2011 ∽9:30			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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. 1E-6Bq/cm3

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuki (Refer	ushima Daini rence)			2 Density limit in	
Time of Sampling	Novembe 7:00~	r 21, 2011 ∙12:00	November 9:21~	r 21, 2011 ∽9:31			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
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	
Te-129 (approx.70mins)	ND	-	ND	-			4E-01	
Te-129m (approx.34days)	ND	-	ND	-			4E-03	
l-132 (approx.2hrs)	ND	-	ND	-			7E-02	
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03	
l-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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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 <1/2>	

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuku (Refer	ushima Daini ence)			②Density limit in	
Time of Sampling	Novembe 7:00~	r 22, 2011 •12:00	November 9:23 ~	r 22, 2011 ~9:33			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
I-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	ND	-	ND	-			2E-03	
Cs-137 (about 30 years)	3.2E-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	
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	

\* 0.0E-0 means 0.0 x 10-0

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

\* 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

Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of major three 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 I	Daiichi MP-1	Fukushima I	Daiichi MP-3	Fukushima I	Daiichi MP-8	②Density limit in	
Time of Sampling	Novembe 10:52~	r 22, 2011 ~15:52	Novembe 10:20~	r 22, 2011 ~15:20	November 22, 2011 10:33~15:33		the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
l-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	
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	

\* 0.0E-0 means 0.0 x 10-0

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

\* "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 seaside of the sites of Fukushima
Nuclear Power Static	ons

Place of Sampling	At the Surfa seawall of Dai Novembe	ice of South Fukushima ichi r 21, 2011	At the top of located at Dai Novembe	Mega Float Fukushima ichi r 21, 2011			②Density limit in the air to workers
Time of Gamping	19:00~	~24:00	19:00~	-24:00			associated with
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)	radiation (Bq/cm3)
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	5.1E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	5.2E-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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* "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. 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 sar

Place of Sampling	West Gate o Daiich	f Fukushima ii NPS	MP-1 of Fuki (Refer	ushima Daini rence)			②Density limit in	
Time of Sampling	Novembe 7:00~	r 23, 2011 •12:00	November 8:57 ~	r 23, 2011 ∽9:07			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
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	
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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. 2E-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

Place of Sampling	West Gate o Daiich	if Fukushima ni NPS	MP-1 of Fuk (Refei	ushima Daini rence)			2 Density limit in	
Time of Sampling	Novembe 7:00~	r 24, 2011 12:00	Novembe 9:22 ~	r 24, 2011 ~9:32			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
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	
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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. 2E-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

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		2 Density limit in
Time of Sampling	Novembe 9:45~	r 24, 2011 •14:45	November 24, 2011 9:52~14:52		November 24, 2011 10:00~15:00		engaged in tasks
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)	radiation (Bq/cm3)
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	3.1E-06	0.00	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	5.3E-06	0.00	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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* "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.

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuk (Refe	ushima Daini rence)			2 Density limit in	
Time of Sampling	Novembe 7:00~	r 25, 2011 12:00	Novembe 9:07~	r 25, 2011 ~9:17			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
l-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	1.7E-07	0.00	ND	-			2E-03	
Cs-137 (about 30 years)	1.9E-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	
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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

The detection limits of major three 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. 2E-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

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuku (Refer	ushima Daini rence)			2 Density limit in	
Time of Sampling	November 7:00~	r 26, 2011 • 12:00	November 8:58 ~	r 26, 2011 ∽9:08			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
I-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	2.4E-07	0.00	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	
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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-137: approx. 2E-7Bq/cm3

The detection limits of major three 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 seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offsl Fukushima D on the sea 1st s	nore of aiichi ampling	2km-3km offsh Fukushima D on the sea 2nd s	nore of aiichi sampling	2km-3km offsl Fukushima D on the sea 3rd s	nore of Daiichi sampling	2km-3km offsh Fukushima D on the sea 4th s	nore of aiichi ampling	
Time of Sampling	November 25, 8:00~8:3	November 25, 2011 8:00~8:30		November 25, 2011 8:31~9:01		November 25, 2011 9:02~9:32		2011 04	②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	)density of sample (Bq/cm3) Scaling Factor (1/2)		Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND -		ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

\* 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. 2E-8Bq/cm3, Cs-134: approx. 3E-8Bq/cm3, Cs-137: approx. 3E-8Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

This is the result of nuclides analysis for aerial radioactive particles

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fuki (Refer	ushima Daini rence)			2 Density limit in	
Time of Sampling	Novembe 7:00~	r 27, 2011 •12:00	November 9:16~	r 27, 2011 ~9:26			the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3) *	
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	
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follows: Volatile: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 4E-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 seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offsl Fukushima D on the sea 1st s	nore of aiichi ampling	2km-3km offsh Fukushima D on the sea 2nd s	nore of aiichi sampling	2km-3km offsl Fukushima D on the sea 3rd s	hore of Daiichi sampling	2km-3km offsl Fukushima D on the sea 4th s	nore of aiichi ampling	
Time of Sampling	November 26, 7:35~8:0	2011 )5	November 26, 2011 8:13~8:43		November 26, 8:45~9:1	November 26, 2011 8:45~9:15		2011 ed)	②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	/ of eScaling Factor①density of sampleScaling Factor (①/②)O13)(①/②)(Bq/cm3)(①/②)		①density of sample (Bq/cm3)	Scaling Factor (①/②)		
l-131 (about 8 days)	ND	-	ND	-	ND	-	-	-	1E-03
Cs-134 (about 2 years)	8.8E-08	0.00	1.3E-07	0.00	ND	-	-	-	2E-03
Cs-137 (about 30 years)	1.3E-07	0.00	1.1E-07	0.00	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
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

\* 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: 1-131: approx. 2E-8Bq/cm3, Cs-134: approx. 4E-8Bq/cm3, Cs-137: approx. 4E-8Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This is the result of nuclides analysis for aerial radioactive particles

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuki (Refer	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 28, 2011 •12:00	November 9:24~	r 28, 2011 ∽9:34			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	7.5E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	4.0E-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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3

The detection limits of major three 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. 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 seaside in front of the site of Fukushima Dailichi Nuclear Power Station

Place of Sampling	2km-3km offsl Fukushima D on the sea 1st s	nore of aiichi ampling	2km-3km offsh Fukushima D on the sea 2nd s	nore of aiichi sampling	2km-3km offsl Fukushima D on the sea 3rd s	hore of Daiichi sampling	2km-3km offsl Fukushima D on the sea 4th s	nore of aiichi ampling	
Time of Sampling	November 27, 2011 7:05~7:35		November 27, 2011 7:37~8:07		November 27, 2011 8:08~8:38		November 27, 8:39~9:0	2011 )9	②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sampleScaling Factor(Bq/cm3)(①/②)		①density of sample (Bq/cm3)	Scaling Factor (①/②)	
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	6.3E-08	0.00	7.8E-08	0.00	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	8.6E-08	0.00	8.3E-08	0.00	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND -		ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND -		ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND -		ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND -		ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

\* 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. 2E-8Bq/cm3, Cs-134: approx. 3E-8Bq/cm3, Cs-137: approx. 3E-8Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

This is the result of nuclides analysis for aerial radioactive particles

Place of Sampling	West Gate o Daiich	f Fukushima ni NPS	MP-1 of Fuki (Refer	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 29, 2011 •12:00	November 9:35 ~	r 29, 2011 ~9:45			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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 I	Daiichi MP-3	Fukushima I	Daiichi MP-8	2 Density limit in	
Time of Sampling	Novembe 10:31	r 29, 2011 ~15:31	November 9:50~	r 29, 2011 •14:50	Novembe 10:06	r 29, 2011 ~15:06	the air to workers engaged in tasks	
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)	associated with radiation (Bq/cm3)	
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	
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	

\* 0.0E-0 means 0.0 x 10-0

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

\* "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 seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offsl Fukushima D on the sea 1st s	nore of aiichi ampling	2km-3km offsh Fukushima D on the sea 2nd s	nore of aiichi sampling	2km-3km offsh Fukushima D on the sea 3rd s	nore of Daiichi Sampling	2km-3km offsh Fukushima D on the sea 4th s	nore of aiichi ampling	
Time of Sampling	November 28, 7:52~8:2	2011 22	November 28, 2011 8:39~9:09		November 28, 9:12~9:4	2011 12	November 28, 9:51~10::	2011 21	②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)
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)	①density of sample (Bq/cm3)	Scaling Factor (①/②)		
l-131 (about 8 days)	ND -		ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	9.0E-08	0.00	8.8E-08	0.00	9.4E-08	0.00	2E-03
Cs-137 (about 30 years)	ND	-	9.6E-08	0.00	9.3E-08	0.00	1.3E-07	0.00	3E-03
Nb-95 (approx.35days)	ND -		ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND -		ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

\* 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. 2E-8Bq/cm3, Cs-134: approx. 3E-8Bq/cm3, Cs-137: approx. 3E-8Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This is the result of nuclides analysis for aerial radioactive particles

Place of Sampling	West Gate o Daiich	of Fukushima ni NPS	MP-1 of Fuki (Refer	ushima Daini rence)			②Density limit in
Time of Sampling	Novembe 7:00~	r 30, 2011 -12:00	November 9:29 ~	r 30, 2011 ∽9:39			the air to workers engaged in tasks
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)	associated with radiation (Bq/cm3)
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
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

\* 0.0E-0 means 0.0 x 10-0

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

\* 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 major three 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

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	le Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u shannel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F South of 1,2u Channel) In from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	November 1 8:35 A	6, 2011 M	November 16, 2011 8:20 AM		November 1 8:20 A	6, 2011 M	November 1 7:55 A	6, 2011 M	(the density limit in the water outside of surrounding monitored
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2.0	0.03	1.0	0.02	ND	-	1.3	0.02	60
Cs-137 (about 30 years)	3.7	0.04	1.2	0.01	1.1	0.01	1.7	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

#### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

\* 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. 0.96Bq/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 1/4>

Place of Sampling	15 km offsh Minami-Sour Upper La	nore of ma City ayer	15 km offshore of Minami-Souma City Lower Layer		15 km offshore of15 km ofUkedo-gawaUkedUpper LayerLowe		15 km offsh Ukedo-g Lower La	offshore of 15 km offshore do-gawa Fukushima Da ver Layer Upper Laye		nore of Daiichi ayer	re of 15 km offshore of aiichi Fukushima Daiichi rer Lower Layer		② Density limit by the announcement of Reactor Regulation	
Time of Sampling	N/A	-	N/A	-	November 1 (Not sam	5, 2011 pled)	November 1 (Not sam)	5, 2011 pled)	November 1 9:05 A	5, 2011 M	November 15, 2011 9:05 AM		(Bq/L) (the density limit in the water outside of	
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)	surrounding monitored areas in the section 6 of the appendix 2)	
l-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	
l-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. 0.85Bq/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 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper Layer		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
Time of Sampling	g November 15, 2011 8:35 AM		November 15, 2011 8:35 AM		N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.69Bq/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 3/4>

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
Time of Sampling	November 15, 2011 7:30 AM		November 15, 2011 7:30 AM		November 15, 2011 7:00 AM		November 15, 2011 7:00 AM		November 15, 2011 6:35 AM		November 15, 2011 6:35 AM		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)						
l-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
l-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. 0.71Bq/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 4/4>

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi Lower Layer										② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 15, 2011 (Not sampled)		November 15, 2011 (Not sampled)										(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-									3,000
Cs-136 (approx.13days)	-	-	-	-									300
Ba-140 (approx.13days)	-	-	-	-									300
La-140 (approx. 40hrs)	-	-	-	-			$\nearrow$						400

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u Channel)	Around North Channel (Around 3,4u Chann (approx, 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F outh of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/I)
Time of Sampling	November 1 8:30 A	7, 2011 M	November 1 8:10 A	7, 2011 M	November 1 8:20 A	7, 2011 M	November 1 7:50 A	7, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2.4	0.04	7.0	0.12	ND	-	0.88	0.01	60
Cs-137 (about 30 years)	3.7	0.04	9.3	0.10	1.0	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

#### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

\* 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. 0.83Bq/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 1/4>

Place of Sampling	15 km offshore of Minami-Souma City Upper Layer		15 km offshore of Minami-Souma City Lower 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
Time of Sampling	November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

# [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 2/4>

Place of Sampling	15 km offshore of Fukushima Daini Upper Layer		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
Time of Sampling	g N/A		N/A		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

# [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
Time of Sampling	November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

# [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 4/4>

Place of Sampling	8 km offshore of Odaka g 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
Time of Sampling	November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)		November 16, 2011 (Not sampled)						(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	je Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F outh of 1-4u hannel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F south of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L)				
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Time of Sampling	November 1 8:40 A	8, 2011 M	November 1 8:10 A	8, 2011 M	November 1 8:25 A	8, 2011 M	November 1 7:55 A	18, 2011 M	(the density limit in the water outside of				
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)	areas in the section 6 of the appendix 2)				
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40				
Cs-134 (about 2 years)	2.7	0.05	ND	-	1.3	0.02	ND	-	60				
Cs-137 (about 30 years)	4.3	0.05	ND	-	1.2	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. 0.70Bq/L, Cs-134: approx. 0.98Bq/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.

Place of Sampling	15 km offsh Minami-Sou Upper La	nore of ma City ayer	e of 15 km offshore of City Minami-Souma City r Lower 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
Time of Sampling	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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

Place of Sampling	15 km offsh Fukushima Upper La	nore of Daini ayer	15 km offsh Fukushima Lower La	nore of Daini ayer	15 km offsh Iwasawa S Upper La	nore of Shore ayer	15 km offsh Iwasawa S Lower La	nore of Shore ayer	15 km offsh Hirono-to Upper La	nore of own ayer	15 km offsh Hirono-te Lower La	nore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 1 (Not sam	7, 2011 bled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 pled)	November 1 (Not sam	7, 2011 oled)	November 1 (Not sam	7, 2011 pled)	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

Place of Sampling	5km Offsh Numano Upper La	ore of uchi ayer	5km Offsho Numanou Lower La	ore of uchi ayer									② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 1 (Not sam)	7, 2011 oled)	November 1 (Not sam	7, 2011 bled)									(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-									3,000
Cs-136 (approx.13days)	-	-	-	-									300
Ba-140 (approx.13days)	-	-	-	-									300
La-140 (approx. 40hrs)	-	-	-	-									400

Place of Sampling	15 km offshore of Fukushima	Daiichi Upper Layer	15 km offshore of Fukushim	a Daini Upper Layer	. ② Density limit by the announcement	
Time of Sampling	November 3, 8:15 AM	2011	November 3, 7:40 AM	2011	<ul> <li>(2) Density limit by the announcement of Reactor Regulation (Bq/L)</li> <li>(the density limit in the water outside</li> </ul>	
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	of surrounding monitored areas in the section 6 of the appendix 2)	
l-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.70min	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.13day	ND	-	ND	-	300	
La-140 (approx. 40hrs)	ND	-	ND	-	400	

#### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore re-measurement >

\* 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 followings show the detection limits of three major nuclide not detected, Mn-54, Co-60, and Ce-144.

I-131: approx. 0.32Bq/L, Cs-134: approx. 0.27Bq/L, Cs-137: approx. 0.30Bq/L, Mn-54: approx. 0.10Bq/L, Co-60: approx. 0.10Bq/L, Ce-144:aapprox. 1.0Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F south of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L)	
Time of Sampling	November 1 8:40 A	9, 2011 M	November 1 8:20 A	9, 2011 M	November 1 8:05 A	9, 2011 M	November 1 7:40 A	9, 2011 M	(the density limit in the water outside of surrounding monitored	
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)	areas in the section 6 of the appendix 2)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40	
Cs-134 (about 2 years)	1.0	0.02	2.7	0.05	ND	-	ND	-	60	
Cs-137 (about 30 years)	1.4	0.02	4.1	0.05	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. 0.87Bq/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.

Place of Sampling	15 km offsh Minami-Sou Upper La	nore of ma City ayer	15 km offsh Minami-Sou Lower La	nore of ma City ayer	15 km offsl Ukedo-g Upper La	nore of awa ayer	15 km offsl Ukedo-g Lower La	nore of awa ayer	15 km offsl Fukushima Upper La	nore of Daiichi ayer	15 km offsl Fukushima Lower La	hore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 1 10:30 A	8, 2011 M	November 1 10:30 A	8, 2011 M	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.81Bq/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.

Place of Sampling	approx. 15 km of Fukushim Upper La	offshore a Daini ayer	approx. 15 km of Fukushim Lower La	offshore a Daini ayer	15 km offsh Iwasawa S Upper La	nore of Shore ayer	15 km offsh Iwasawa S Lower La	nore of Shore ayer	15 km offsh Hirono-to Upper La	ore of own ayer	15 km offsh Hirono-to Lower La	ore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A	N/A		November 18, 2011 8:45:00 AM		8, 2011 AM	November 1 8:00:00	8, 2011 AM	November 1 8:00:00	8, 2011 AM	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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. 0.74Bq/L, Cs-134: approx. 0.95Bq/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.

Place of Sampling	3 km offsho Haramachi Upper La	ore of Ward ayer	3 km offsh Haramachi Lower La	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		ore of Shore ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 18 11:05 A	8, 2011 M	November 1 11:05 A	8, 2011 M	November 18, 2011 11:25 AM		November 1 11:25 A	8, 2011 M	November 1 1:50 P	8, 2011 M	November 1 1:50 P	8, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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	i	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
l-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. 0.66Bq/L, Cs-134: approx. 0.97Bq/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.

Place of Sampling	8 km offshore Ward Upper La	of Odaka I ayer	8 km offshore Ward Lower La	of Odaka ayer	8 km offsh Iwasawa S Upper La	ore of Shore ayer	8 km offsh Iwasawa S Lower La	ore of Shore ayer					② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 1 (Not sam	8, 2011 pled)	November 1 (Not sam	8, 2011 bled)	November 1 12:50 F	8, 2011 PM	November 1 12:50 F	8, 2011 M					(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.58Bq/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.

Place of Sampling	5km Offsho Numanou Upper La	ore of uchi ayer	5km Offsho Numanou Lower La	ore of uchi ayer							② Density limit by the announcement of Reactor Regulation		
Time of Sampling	November 1 6:50 A	8, 2011 M	November 1 6:50 A	8, 2011 M									(Bq/L) (the density limit in the
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	i									60
Cs-137 (about 30 years)	ND	-	ND	i									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
l-132 (approx.2hrs)	ND	-	ND	i									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	i									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. 0.66Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137 $b^{1}.0Bq/L$ 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 Re	sults of Radioactive	Materials in Seawater	<coast></coast>
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Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u shannel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F outh of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	November 2 (Not sam	0, 2011 pled)	November 2 (Not sam	0, 2011 pled)	November 2 8:30 A	20, 2011 M	November 2 8:05 A	20, 2011 M	(the density limit in the water outside of
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	1.0	0.02	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. 0.70Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	ge Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 kn	Shore of 2F South of 1,2u Channel) In from 1F )	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	November 2 8:50 A	21, 2011 M	November 2 8:30 A	1, 2011 M	November 2 8:20 A	21, 2011 M	November 2 7:55 A	21, 2011 M	water outside of surrounding monitored
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	3.7	0.06	1.9	0.03	0.94	0.02	1.3	0.02	60
Cs-137 (about 30 years)	4.4	0.05	2.0	0.02	ND	-	1.3	0.01	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-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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F outh of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	November 2 8:45 A	2, 2011 M	November 2 8:20 A	2, 2011 M	November 2 8:25 A	2, 2011 M	November 2 7:55 A	2, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	3.4	0.06	1.4	0.02	ND	-	1.0	0.02	60
Cs-137 (about 30 years)	4.8	0.05	1.5	0.02	ND	-	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
l-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. 0.88Bq/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.

Place of Sampling	15 km offsh Minami-Sou Upper La	nore of ma City ayer	15 km offsl Minami-Sou Lower La	nore of ma City ayer	15 km offsh Ukedo-g Upper La	15 km offshore of Ukedo-gawa Upper Layer		nore of awa ayer	15 km offsl Fukushima Upper Li	nore of Daiichi ayer	15 km offsl Fukushima Lower La	nore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		November 2 (Not sam	1, 2011 pled)	November 2 (Not sam	1, 2011 pled)	November 2 (Not sam	1, 2011 pled)	November 2 (Not sam	21, 2011 pled)	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

Place of Sampling	15 km offsh Fukushima Upper La	nore of I Daini ayer	15 km offsh Fukushima Lower La	nore of I Daini ayer	15 km offsl Iwasawa S Upper La	15 km offshore of 1 Iwasawa Shore Upper Layer		nore of Shore ayer	15 km offsl Hirono-t Upper La	nore of own ayer	15 km offsl Hirono-te Lower La	nore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 (Not sam	1, 2011 pled)	November 2 (Not sam	1, 2011 pled)	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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

Place of Sampling	3 km offshore of Iwal Upper La	of North ki ayer	3 km offshore of Iwa Lower La	of North ki ayer	3 km offshore River Upper La	of Natsui r ayer	3 km offshore River Lower La	of Natsui ayer	3 km offsh Onahama Upper La	ore of Port ayer	3 km offsh Onahama Lower La	ore of a Port ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 7:25 A	1, 2011 M	November 2 7:25 A	1, 2011 M	November 2 7:00 A	1, 2011 M	November 2 7:00 A	1, 2011 M	November 2 6:15 A	1, 2011 M	November 2 6:15 A	1, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.98Bq/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.

Place of Sampling	3 km offshore Upper La	e of Ena ayer	3 km offshore Lower La	e of Ena ayer	3 km offsho Numanou Upper La	ore of uchi ayer	3 km offsh Numano Lower La	ore of uchi ayer	3 km offsh Toyom Upper La	ore of a ayer	3 km offsh Toyom Lower La	ore of na ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 6:35 A	1, 2011 M	November 2 6:35 A	1, 2011 M	November 2 6:40 A	1, 2011 M	November 2 6:40 A	1, 2011 M	November 2 6:25 A	1, 2011 M	November 2 6:25 A	1, 2011 M	(Bq/L) (the density limit in the
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.75Bq/L, Cs-134: approx. 0.98Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge iel) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F outh of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	November 2 8:50 A	3, 2011 M	November 2 8:35 A	3, 2011 M	November 2 8:20 A	23, 2011 M	November 2 7:55 A	23, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	6.2	0.10	1.1	0.02	ND	-	ND	-	60
Cs-137 (about 30 years)	6.0	0.07	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
l-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. 0.92Bq/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.

Place of Sampling	3 km offsho Haramachi Upper La	3 km offshore of Haramachi Ward Upper Layer3 km offshore of Haramachi Ward Lower Layer		ore of Ward ayer	3 km offshore Ward Upper La	of Odaka ayer	3 km offshore Ward Lower La	of Odaka I ayer	3 km offsh Iwasawa S Upper La	ore of Shore ayer	3 km offsh Iwasawa S Lower La	ore of Shore ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 22 10:10 A	2, 2011 M	November 2 10:10 A	ovember 22, 2011 10:10 AM		2, 2011 M	November 2 9:55 A	2, 2011 M	November 2 7:55 A	2, 2011 M	November 2 7:55 A	2, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.97Bq/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.

Place of Sampling	8 km offshore Ward Upper La	of Odaka ayer	8 km offshore Ward Lower La	of Odaka ayer	8 km offsh Iwasawa S Upper La	ore of Shore ayer	8 km offsh Iwasawa S Lower La	ore of Shore ayer				② Density limit by the announcement of Reactor Regulation	
Time of Sampling	November 2 9:30 A	2, 2011 M	November 2 9:30 A	2, 2011 M	November 2 8:20 A	2, 2011 M	November 2 8:20 A	2, 2011 M					(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.88Bq/L, Cs-137: approx. 0.99Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	3 km offshore o City Upper La	of Souma ayer	3 km offshore o City Lower La	of Souma ayer	5 km offshore City Upper La	of Souma ayer	5 km offshore City Lower La	of Souma ayer	5 km offsh Kashin Upper La	ore of na ayer	5 km offsh Kashin Lower La	ore of na ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 22 6:40 Al	2, 2011 M	November 2 6:40 A	2, 2011 M	November 2 7:00 A	2, 2011 M	November 2 7:00 A	2, 2011 M	November 2 7:10 A	2, 2011 M	November 2 7:10 A	2, 2011 M	(Bq/L) (the density limit in the
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.93Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	ge Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge iel) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	a Shore of 2F south of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Ba/L)
Time of Sampling	November 2 8:50 A	24, 2011 M	November 2 8:30 A	24, 2011 M	November 2 8:25 A	24, 2011 M	November 2 8:00 A	24, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	5.4	0.09	1.4	0.02	0.97	0.02	ND	-	60
Cs-137 (about 30 years)	6.8	0.08	1.8	0.02	1.3	0.01	1.3	0.01	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
l-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. 0.87Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	15 km offsh Minami-Sou Upper La	nore of ma City ayer	15 km offst Minami-Sou Lower La	nore of ma City ayer	15 km offsh Ukedo-ga Upper La	ore of awa ayer	15 km offsh Ukedo-g Lower La	nore of awa ayer	15 km offsh Fukushima Upper La	nore of Daiichi ayer	15 km offsl Fukushima Lower La	nore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 (Not sam)	3, 2011 oled)	November 23, 2011 (Not sampled)		November 23, 2011 (Not sampled)		November 2 (Not sam)	3, 2011 pled)	November 23, 2011 (Not sampled)		November 23, 2011 (Not sampled)		(Bq/L) (the density limit in the
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

Place of Sampling	15 km offsh Fukushima Upper La	ore of Daini ayer	15 km offsh Fukushima Lower La	ore of Daini ayer	15 km offsh Iwasawa S Upper La	ore of Shore ayer	15 km offsh Iwasawa S Lower La	nore of Shore ayer	15 km offsh Hirono-to Upper La	ore of own ayer	15 km offsh Hirono-to Lower La	nore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 (Not samp	3, 2011 bled)	November 2 (Not sam)	3, 2011 oled)	November 2 (Not samp	3, 2011 bled)	November 2 (Not sam)	3, 2011 pled)	November 2 7:50 A	3, 2011 M	November 2 7:50 A	3, 2011 M	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1/2)	surrounding monitored areas in the section 6 of the appendix 2)								
l-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
l-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. 0.65Bq/L, Cs-134: approx. 0.90Bq/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	of Radioactive Materials in	Seawater < Offshore 3/3>
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Place of Sampling	5km Offsho Numanou Upper La	ore of uchi ayer	5km Offsho Numanou Lower La	ore of uchi ayer									② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 6:45 A	3, 2011 M	November 2 6:45 A	3, 2011 M									(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	i									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
l-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. 0.88Bq/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.

Place of Sampling	3km offshore o	of Futaba	8km offshore o	of Futaba	3km offsho Fukushima D	ore of Daiichi	8km offsho Fukushima D	re of aiichi	3km offsho Kumaka	ore of wa			② Density limit by the announcement of Population
Time of Sampling	November 2 11:08 A	2, 2011 M	November 2 11:33 A	2, 2011 M	November 2 10:42 A	2, 2011 M	November 2 11:58 A	2, 2011 M	November 2 10:17 A	2, 2011 M			(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	water outside of surrounding monitored areas in the section 6 of the appendix 2)										
l-131 (about 8 days)	ND	-			40								
Cs-134 (about 2 years)	ND	-			60								
Cs-137 (about 30 years)	ND	-			90								
Mo-99 (approx. 66hrs)	ND	-			1,000								
Tc-99m (approx.6hrs)	ND	-			40,000								
Te-129m (approx.34days)	ND	-			300								
Te-129 (approx.70mins)	ND	-			10,000								
Te-132 (approx.78hrs)	ND	-			200								
I-132 (approx.2hrs)	ND	-			3,000								
Cs-136 (approx.13days)	ND	-			300								
Ba-140 (approx.13days)	ND	-			300								
La-140 (approx. 40hrs)	ND	-			400								

### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore Unmanned Survey Ship >

\* 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. 0.65Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	e Channel of 1F orth of 5-6u hannel)	of Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel) November 25, 2011		Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F outh of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	November 2 8:50 A	5, 2011 M	November 2 (Not sam	25, 2011 pled)	November 2 8:15 A	25, 2011 M	November 2 7:50 A	25, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	6.6	0.11	-	-	ND	-	0.89	0.01	60
Cs-137 (about 30 years)	8.6	0.10	-	-	ND	-	ND	-	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. 0.81Bq/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.

Place of Sampling	15 km offshore of Fukushima	Daiichi Upper Layer	15 km offshore of Fukushim	a Daini Upper Layer	
Time of Sampling	November 15, 9:05 AM	2011	November 15, 8:35 AM	2011	<ul> <li>(2) Density limit by the announcement of Reactor Regulation (Bq/L)</li> <li>(the density limit in the water outside</li> </ul>
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	of surrounding monitored areas in the section 6 of the appendix 2)
l-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
129(approx.70min	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.13day	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	400

#### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore, re-measurement >

\* 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 followings show the detection limits of three major nuclide not detected, Mn-54, Co-60, and Ce-144.

I-131: approx. 0.17Bq/L, Cs-134: approx. 0.26Bq/L, Cs-137: approx. 0.29Bq/L, Mn-54: approx. 0.11Bq/L, Co-60: approx. .12Bq/L, Ce-144: 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.

Place of Sampling	North of Discharg 5-6u of	ge Channel of	Around South Channel	Discharge of 1F	Around North Channel (Around 3,4u	Discharge of 2F Discharge	Around Iwasawa (appox. 7 km s	Shore of 2F south of 1,2u	2 Density limit by the announcement of	
	discharge c	hannel)	Discharge C	channel)	Chann (approx. 10 kn	iel) n from 1F)	(appox. 16 km	n from 1F)	Reactor Regulation (Bq/L)	
Time of Sampling	November 2 8:20 A	26, 2011 M	November 2 8:45 A	26, 2011 M	November 2 7:50 A	26, 2011 M	November 2 7:30 A	26, 2011 AM	water outside of surrounding monitored	
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)	areas in the section 6 of the appendix 2)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40	
Cs-134 (about 2 years)	12	0.20	2.1	0.04	ND	-	ND	-	60	
Cs-137 (about 30 years)	13	0.14	2.6	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. 0.84Bq/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.

Place of Sampling	15 km offsh Minami-Souu Upper La	nore of ma City ayer	15 km offst Minami-Sou Lower La	nore of ma City ayer	15 km offst Ukedo-g Upper La	nore of awa ayer	15 km offsl Ukedo-g Lower La	nore of awa ayer	15 km offsl Fukushima Upper La	nore of Daiichi ayer	15 km offsl Fukushima Lower La	nore of Daiichi ayer	2 Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 (Not sam)	5, 2011 pled)	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam	25, 2011 pled)	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

Place of Sampling	15 km offsh Fukushima Upper La	nore of Daini ayer	15 km offsh Fukushima Lower La	nore of Daini ayer	15 km offsh Iwasawa S Upper La	nore of Shore ayer	15 km offst Iwasawa S Lower La	nore of Shore ayer	15 km offsh Hirono-to Upper La	ore of own ayer	15 km offshore Hirono-town Lower Layer		② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam	5, 2011 pled)	November 2 (Not sam)	5, 2011 pled)	November 2 (Not sam)	5, 2011 pled)	N/A		N/A	-	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (1/2)	surrounding monitored areas in the section 6 of the appendix 2)								
l-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
l-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	je Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u hannel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge iel) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	a Shore of 2F south of 1,2u Channel) n from 1F)	② Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	November 2 8:40 A	27, 2011 M	November 2 8:20 A	7, 2011 M	November 2 8:20 A	27, 2011 M	November 2 8:00 A	27, 2011 M	(the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	16	0.27	1.3	0.02	1.1	0.02	ND	-	60
Cs-137 (about 30 years)	19	0.21	2.3	0.03	1.2	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
l-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. 1.1Bq/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.

Place of Sampling	15 km offsh Minami-Sou Upper La	nore of ma City ayer	15 km offsh Minami-Sou Lower La	nore of ma City ayer	15 km offsh Ukedo-g Upper La	nore of awa ayer	15 km offsh Ukedo-g Lower La	nore of awa ayer	15 km offsl Fukushima Upper La	nore of Daiichi ayer	15 km offsl Fukushima Lower La	nore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 10:15 A	6, 2011 M	November 2 10:15 A	6, 2011 M	N/A	-	N/A	-	N/A	-	N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.65Bq/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.

Place of Sampling	15 km offshore of Fukushima Daini Upper Layer		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		<ul> <li>② Density limit by the announcement of Reactor Regulation (Bq/L)</li> <li>(the density limit in the water outside of</li> </ul>
Time of Sampling	g N/A		N/A		November 26, 2011 11:55 AM		November 26, 2011 11:55 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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.65Bq/L, Cs-134: approx. 0.98Bq/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.

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		<ul> <li>② Density limit by the announcement of Reactor Regulation (Bq/L)</li> <li>(the density limit in the water outside of</li> </ul>
Time of Sampling	November 26, 2011 9:40 AM		November 26, 2011 9:40 AM		November 26, 2011 9:25 AM		November 26, 2011 9:25 AM		November 26, 2011 7:35 AM		November 26, 2011 7:35 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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.66Bq/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 4/4>

Place of Sampling	8 km offshore Ward Upper La	of Odaka ayer	8 km offshore Ward Lower La	of Odaka I ayer	8 km offsh Iwasawa S Upper La	ore of Shore ayer	8 km offsh Iwasawa S Lower La	ore of Shore ayer					② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 9:05 A	6, 2011 M	November 2 9:05 A	6, 2011 M	November 2 7:55 A	:6, 2011 M	November 2 7:55 A	:6, 2011 M					(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.95Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	ge Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u hannel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	a Shore of 2F south of 1,2u Channel) n from 1F)	<ul> <li>Density limit by the announcement of Reactor Regulation (Bq/L)</li> </ul>
Time of Sampling	November 2 7:15 A	28, 2011 M	November 2 7:35 A	8, 2011 M	November 2 8:20 A	28, 2011 M	November 2 7:55 A	28, 2011 M	(the density limit in the water outside of
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	7.8	0.13	1.8	0.03	ND	-	0.92	0.02	60
Cs-137 (about 30 years)	10	0.11	1.5	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

### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

\* 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. 0.83Bq/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 offsh Minami-Sour Upper La	nore of ma City ayer	15 km offsh Minami-Sou Lower La	nore of ma City ayer	15 km offsh Ukedo-g Upper La	nore of awa ayer	15 km offsh Ukedo-g Lower La	nore of awa ayer	15 km offsh Fukushima Upper La	ore of Daiichi ayer	15 km offsh Fukushima Lower La	nore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		November 2 9:10 A	7, 2011 M	November 2 9:10 A	7, 2011 M	November 2 8:40 A	7, 2011 M	November 2 8:40 A	7, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.74Bq/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 2/2>

Place of Sampling	15 km offsh Fukushima Upper La	ore of Daini ayer	approx. 15 km of Fukushim Lower La	n offshore la Daini ayer	15 km offsh Iwasawa S Upper La	nore of Shore ayer	15 km offsh Iwasawa S Lower La	nore of Shore ayer	15 km offsl Hirono-te Upper La	nore of own ayer	15 km offsh Hirono-te Lower La	nore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 8:10 A	7, 2011 M	November 2 8:10 A	7, 2011 M	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.69Bq/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.

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	ge Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	Shore of 2F South of 1,2u Channel) In from 1F)	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	November 2 8:55 A	29, 2011 M	November 2 8:20 A	9, 2011 M	November 2 8:20 A	29, 2011 M	November 2 7:50 A	29, 2011 M	(the density limit in the water outside of
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	3.4	0.06	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	4.5	0.05	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

## [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

\* 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 1/4>

Place of Sampling	3 km offsh Haramachi Upper La	ore of Ward ayer	3 km offsh Haramachi Lower La	ore of Ward ayer	3 km offshore Ward Upper La	of Odaka I ayer	3 km offshore Ward Lower La	of Odaka I ayer	3 km offsh Iwasawa s Upper La	ore of shore ayer	3 km offsh Iwasawa s Lower La	ore of shore ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 10:05 A	8, 2011 M	November 2 10:05 A	8, 2011 M	November 2 9:45 A	8, 2011 M	November 2 9:45 A	8, 2011 M	November 2 8:00 A	8, 2011 M	November 2 8:00 A	8, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.89Bq/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 < offshore 2/4>

Place of Sampling	8 km offshore Ward Upper La	of Odaka ayer	8 km offshore Ward Lower La	of Odaka ayer	8 km offsh Iwasawa S Upper La	ore of Shore ayer	8 km offsh Iwasawa S Lower La	ore of Shore ayer					② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 9:30 A	8, 2011 M	November 2 9:30 A	8, 2011 M	November 2 8:20 A	8, 2011 M	November 2 8:20 A	8, 2011 M					(Bq/L) (the density limit in the
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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 3/4>

Place of Sampling	3 km offshore of Iwal Upper La	of North ki ayer	3 km offshore of Iwa Lower La	of North ki ayer	3 km offshore River Upper La	of Natsui r ayer	3 km offshore River Lower La	of Natsui r ayer	3 km offsh Onahama Upper La	ore of a port ayer	3 km offsh Onahama Lower La	ore of a port ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 5:35 A	8, 2011 M	November 2 5:35 A	8, 2011 M	November 2 6:40 A	8, 2011 M	November 2 6:40 A	8, 2011 M	November 2 6:10 A	8, 2011 M	November 2 6:10 A	8, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.98Bq/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 Upper La	e of Ena ayer	3 km offshore Lower La	e of Ena ayer	3 km offsh Numano Upper La	ore of uchi ayer	3 km offsh Numano Lower La	ore of uchi ayer	3 km offsh Toyom Upper La	ore of a ayer	3 km offsh Toyom Lower La	ore of la ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 6:30 A	8, 2011 M	November 2 6:30 A	8, 2011 M	November 2 6:30 A	8, 2011 M	November 2 6:30 A	8, 2011 M	November 2 6:15 A	8, 2011 M	November 2 6:15 A	8, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.89Bq/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.

Place of Sampling	3km offsho Ukedogawa	ore of a River	8km offshore o gawa	of Ukedo-	8km offsho Kumaka	ore of wa	3km offsho Fukushima	ore of Daini	8km offsho Fukushima	ore of a Daini			② Density limit by the announcement of Poster Population
Time of Sampling	November 2 12:00 F	8, 2011 M	November 2 12:25 F	8, 2011 M	November 2 1:38 P	8, 2011 M	November 2 10:32 A	8, 2011 M	November 2 2:06 P	8, 2011 M			(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	water outside of surrounding monitored areas in the section 6 of the appendix 2)										
l-131 (about 8 days)	ND	-			40								
Cs-134 (about 2 years)	ND	-			60								
Cs-137 (about 30 years)	ND	-			90								
Mo-99 (approx. 66hrs)	ND	-			1,000								
Tc-99m (approx.6hrs)	ND	-			40,000								
Te-129m (approx.34days)	ND	-			300								
Te-129 (approx.70mins)	ND	-			10,000								
Te-132 (approx.78hrs)	ND	-			200								
l-132 (approx.2hrs)	ND	-			3,000								
Cs-136 (approx.13days)	ND	-			300								
Ba-140 (approx.13days)	ND	-			300								
La-140 (approx. 40hrs)	ND	-			400								

## [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < offshore Unmannded Survey Ship >

\* 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. 1.0Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	ge Channel of 1F orth of 5-6u hannel)	Around South Channel (appox. 330m s Discharge C	Discharge of 1F south of 1-4u Channel)	Around North Channel (Around 3,4u Chann (approx. 10 kn	Discharge of 2F Discharge el) n from 1F)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 kn	Shore of 2F South of 1,2u Channel) n from 1F )	② Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	November 3 8:45 A	80, 2011 M	November 3 8:25 A	80, 2011 M	November 3 8:25 A	30, 2011 M	November 3 8:00 A	30, 2011 \M	water outside of surrounding monitored
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)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2.1	0.04	1.4	0.02	ND	-	ND	-	60
Cs-137 (about 30 years)	2.0	0.02	ND	-	ND	-	1.8	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

### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>

\* 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. 0.93Bq/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 1/4>

Place of Sampling	15 km offsh Minami-Sour Upper La	ore of ma City ayer	15 km offsh Minami-Sou Lower La	nore of ma City ayer	15 km offsh Ukedo-ga Upper La	nore of awa ayer	15 km offsh Ukedo-g Lower La	nore of awa ayer	15 km offsh Fukushima Upper La	nore of Daiichi ayer	15 km offsl Fukushima Lower La	nore of Daiichi ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 10:05 A	9, 2011 M	November 2 10:05 A	9, 2011 M	November 2 9:35 A	9, 2011 M	November 2 9:35 A	9, 2011 M	November 2 9:05 A	9, 2011 M	November 2 9:05 A	9, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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. 0.94Bq/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 2/4>

Place of Sampling	approx. 15 km of Fukushim Upper La	i offshore a Daini ayer	approx. 15 km of Fukushim Lower La	n offshore la Daini ayer	15 km offsh Iwasawa S Upper La	nore of Shore ayer	15 km offsl Iwasawa S Lower La	nore of Shore ayer	15 km offsh Hirono-te Upper La	nore of own ayer	15 km offsl Hirono-te Lower La	nore of own ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 8:35 A	9, 2011 M	November 2 8:35 A	9, 2011 M	November 2 8:05 A	9, 2011 M	November 2 8:05 A	9, 2011 M	November 2 7:30 A	9, 2011 M	November 2 7:30 A	9, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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. 0.95Bq/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 offsho Souma ( Upper La	ore of City ayer	3 km offsh Souma ( Lower La	ore of City ayer	5 km offsh Souma Upper La	ore of City ayer	5 km offsh Souma ( Lower La	ore of City ayer	5 km offsh Kashima Upper La	ore of City ayer	5 km offsh Kashima Lower La	ore of City ayer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 7:20 A	9, 2011 M	November 2 7:20 A	9, 2011 M	November 2 7:00 A	9, 2011 M	November 2 7:00 A	9, 2011 M	November 2 6:40 A	9, 2011 M	November 2 6:40 A	9, 2011 M	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 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
l-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. 0.94Bq/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.

Place of Sampling	5km Offsho Numano Upper La	ore of uchi ayer	5km Offsh Numano Lower La	ore of uchi ayer									② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 12:45 F	9, 2011 M	November 2 12:45 F	9, 2011 M									(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
l-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

#### [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <offshore 4/4>

\* 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. 0.84Bq/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.

Place of Sampling	Shallow Dra	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 16 6:54	5, 2011 I AM	Nov 16 6:59	5, 2011 AM	Nov 16 7:02	6, 2011 2 AM	Nov 16 7:06	5, 2011 5 AM	Nov 16 7:09	5, 2011 9 AM	Nov 16 7:14	5, 2011 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	27	0.45	40	0.67	66	1.1	65	1.1	170	2.8	250	4.2	60
Cs-137 (about 30 years)	ND	-	84	0.93	76	0.84	99	1.1	200	2.2	290	3.2	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. 16Bq/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.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 16 7:16	5, 2011 5 AM	Nov 16 7:20	5, 2011 ) AM	Nov 16 7:22	6, 2011 2 AM	Nov 16 7:26	6, 2011 5 AM	Nov 16 7:30	5, 2011 ) AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	100	1.7	220	3.7	120	2.0	210	3.5	55	0.92			60
Cs-137 (about 30 years)	99	1.1	280	3.1	140	1.6	280	3.1	80	0.89			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

Place of Sampling			Unit 6 of Fukushir Seawater at th	ma Daiichi le intake			②Density limit by the announcement of Reactor
Time of Sampling	Nov 16, 20 3:10 PM	)11 /					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	9.0	0.15					60
Cs-137 (about 30 years)	10	0.11					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 17 7:15	7, 2011 5 AM	Nov 17 7:21	7, 2011 AM	Nov 17 7:24	7, 2011 4 AM	Nov 17 7:28	7, 2011 3 AM	Nov 17 7:32	7, 2011 2 AM	7:36	Nov 17, 2011 6 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	89	1.5	100	1.7	83	1.4	170	2.8	290	4.8	60
Cs-137 (about 30 years)	ND	-	110	1.2	83	0.92	110	1.2	190	2.1	330	3.7	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. 17Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 29Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's L silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 17 7:39	7, 2011 9 AM	Nov 17 7:41	7, 2011 AM	Nov 17 7:43	7, 2011 3 AM	Nov 17 7:45	7, 2011 5 AM	Nov 1 7:49	7, 2011 9 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	76	1.3	290	4.8	120	2.0	400	6.7	98	1.6			60
Cs-137 (about 30 years)	95	1.1	360	4.0	180	2.0	530	5.9	120	1.3			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

Place of Sampling			Unit 6 of Fukushir Seawater at th	ma Daiichi e intake			②Density limit by the announcement of Reactor
Time of Sampling	Nov 17, 20 3:10 PM	)11 1					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	13	0.22					60
Cs-137 (about 30 years)	13	0.14					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Jnit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 18 7:09	3, 2011 9 AM	Nov 18 7:14	3, 2011 AM	Nov 18 7:18	3, 2011 3 AM	Nov 18 7:21	3, 2011 I AM	Nov 18 7:25	8, 2011 5 AM	Nov 18 7:29	3, 2011 9 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	54	0.90	85	1.4	89	1.5	110	1.8	200	3.3	60
Cs-137 (about 30 years)	45	0.50	65	0.72	100	1.1	100	1.1	140	1.6	240	2.7	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. 15Bq/L, Cs-134: approx. 24Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 18 7:33	3, 2011 3 AM	Nov 18 7:37	3, 2011 ' AM	Nov 18 7:33	8, 2011 3 AM	Nov 18 7:37	8, 2011 7 AM	Nov 18 7:41	8, 2011 I AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	110	1.8	420	7.0	230	3.8	310	5.2	170	2.8			60
Cs-137 (about 30 years)	120	1.3	490	5.4	290	3.2	380	4.2	240	2.7			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. 20Bq/L

Place of Sampling			Unit 6 of Fukushir Seawater at th	ma Daiichi le intake			②Density limit by the announcement of Reactor
Time of Sampling	Nov 18, 20 3:10 PM	)11 /					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	5.0	0.08					60
Cs-137 (about 30 years)	9.8	0.11					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	inside north water intake canal Sc of 1F's Units 1-4		Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Jnit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 19 7:00	9, 2011 9 AM	Nov 19 7:05	9, 2011 5 AM	Nov 19 7:08	9, 2011 3 AM	Nov 19 7:10	9, 2011 ) AM	Nov 19 7:14	9, 2011 4 AM	Nov 19 7:17	9, 2011 7 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	25	0.42	63	1.1	88	1.5	190	3.2	120	2.0	200	3.3	60
Cs-137 (about 30 years)	ND	-	60	0.67	140	1.6	240	2.7	140	1.6	230	2.6	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	7.2	0.01	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. 15Bq/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.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's l silt fo	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 19 7:21	9, 2011 AM	Nov 19 7:25	9, 2011 5 AM	Nov 19 7:21	9, 2011 I AM	Nov 19 7:25	9, 2011 5 AM	Nov 19 7:29	9, 2011 9 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	190	3.2	600	10	330	5.5	510	8.5	270	4.5			60
Cs-137 (about 30 years)	230	2.6	670	7.4	380	4.2	610	6.8	340	3.8			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. 20Bq/L

Place of Sampling		Unit 6 of Fukushima Daiichi Seawater at the intake												
Time of Sampling	Nov 19, 20 3:10 PM	)11 1					Regulation (Bq/L) (the density limit in the water outside of surrounding							
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)	monitored areas in the section 6 of the appendix 2)							
l-131 (about 8 days)	ND	-					12:00 am							
Cs-134 (about 2 years)	ND	-					60							
Cs-137 (about 30 years)	ND	-					90							
Mn-54 (approx.310days)	ND -						1,000							
Co-60 (approx.5yrs)	ND	-					200							
Tc-99m (approx.6hrs)	ND	-					40,000							
Te-129m (approx.34days)	ND	-					300							
Te-129(approx.70mins)	ND	-					10,000							
Cs-136 (approx.13days)	ND	-					300							
Ba-140 (approx.13days)	ND	-					300							
La-140 (approx.40hrs)	ND	-					400							

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L, Cs-134: approx. 5Bq/L, Cs-137: approx. 6Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Draf	ft Quay of 1F	Inside north wa of 1F's l	nside north water intake canal Scr of 1F's Units 1-4		nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Init 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 20 6:45	), 2011 5 AM	Nov 20 6:51	), 2011 AM	Nov 20 6:55	0, 2011 5 AM	Nov 20 6:58	D, 2011 3 AM	Nov 20 7:01	), 2011 I AM	Nov 20 7:06	), 2011 5 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	55	0.92	60	1.0	94	1.6	84	1.4	170	2.8	60
Cs-137 (about 30 years)	29	0.32	68	0.76	57	0.63	110	1.2	110	1.2	230	2.6	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. 15Bq/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.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's l silt fo	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 20 7:11	), 2011   AM	Nov 20 7:12	), 2011 2 AM	Nov 20 7:13	D, 2011 3 AM	Nov 20 7:15	0, 2011 5 AM	Nov 20 7:18	D, 2011 3 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	130	2.2	570	9.5	130	2.2	310	5.2	41	0.68			60
Cs-137 (about 30 years)	160	1.8	710	7.9	150	1.7	410	4.6	45	0.50			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. 21Bq/L

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 21 6:32	I, 2011 2 AM	Nov 21 6:38	, 2011 AM	Nov 2 <sup>-</sup> 6:40	1, 2011 ) AM	Nov 21 6:43	I, 2011 3 AM	Nov 21 6:49	I, 2011 9 AM	Nov 21 6:50	I, 2011 ) AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	49	0.82	30	0.50	61	1.0	83	1.4	69	1.2	83	1.4	60
Cs-137 (about 30 years)	70	0.78	33	0.37	71	0.79	120	1.3	100	1.1	94	1.0	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

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's L silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 21 6:55	I, 2011 5 AM	Nov 21 6:58	I, 2011 3 AM	Nov 2 <sup>-</sup> 7:04	1, 2011 I AM	Nov 2 <sup>-</sup> 7:06	1, 2011 5 AM	Nov 2 <sup>,</sup> 7:11	I, 2011 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	110	1.8	430	7.2	220	3.7	270	4.5	32	0.53			60
Cs-137 (about 30 years)	80	0.89	520	5.8	260	2.9	340	3.8	ND	-			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. 18Bq/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.

Place of Sampling		Unit 6 of Fukushima Daiichi Seawater at the intake												
Time of Sampling	Nov 21, 20 3:30 PM	)11 1					Regulation (Bq/L) (the density limit in the water outside of surrounding							
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)	monitored areas in the section 6 of the appendix 2)							
l-131 (about 8 days)	ND	-					12:00 am							
Cs-134 (about 2 years)	8.1	0.14					60							
Cs-137 (about 30 years)	ND	-					90							
Mn-54 (approx.310days)	ND -						1,000							
Co-60 (approx.5yrs)	ND	-					200							
Tc-99m (approx.6hrs)	ND	-					40,000							
Te-129m (approx.34days)	ND	-					300							
Te-129(approx.70mins)	ND	-					10,000							
Cs-136 (approx.13days)	ND	-					300							
Ba-140 (approx.13days)	ND	-					300							
La-140 (approx.40hrs)	ND	-					400							

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L, Cs-137: approx. 6Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's l	nside north water intake canal Scr of 1F's Units 1-4		nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Jnit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 22 6:49	2, 2011 9 AM	Nov 22 6:57	2, 2011 7 AM	Nov 22 7:02	2, 2011 2 AM	Nov 22 7:05	2, 2011 5 AM	Nov 22 7:10	2, 2011 ) AM	Nov 22 7:12	2, 2011 2 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	36	0.60	54	0.90	100	1.7	110	1.8	120	2.0	140	2.3	60
Cs-137 (about 30 years)	ND	-	73	0.81	140	1.6	140	1.6	160	1.8	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-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.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's L silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 22 7:18	2, 2011 3 AM	Nov 22 7:20	2, 2011 ) AM	Nov 22 7:23	2, 2011 3 AM	Nov 22 7:25	2, 2011 5 AM	Nov 22 7:30	2, 2011 ) AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	170	2.8	410	6.8	350	5.8	450	7.5	190	3.2			60
Cs-137 (about 30 years)	210	2.3	500	5.6	430	4.8	570	6.3	250	2.8			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. 18Bq/L

Place of Sampling		Unit 6 of Fukushima Daiichi Seawater at the intake												
Time of Sampling	Nov 22, 20 3:25 PM	)11 1					Regulation (Bq/L) (the density limit in the water outside of surrounding							
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)	monitored areas in the section 6 of the appendix 2)							
l-131 (about 8 days)	ND	-					12:00 am							
Cs-134 (about 2 years)	13	0.22					60							
Cs-137 (about 30 years)	15	0.17					90							
Mn-54 (approx.310days)	ND -						1,000							
Co-60 (approx.5yrs)	ND	-					200							
Tc-99m (approx.6hrs)	ND	-					40,000							
Te-129m (approx.34days)	ND	-					300							
Te-129(approx.70mins)	ND	-					10,000							
Cs-136 (approx.13days)	ND	-					300							
Ba-140 (approx.13days)	ND	-					300							
La-140 (approx.40hrs)	ND	-					400							

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north water intake canal Sc of 1F's Units 1-4		Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 23 6:55	3, 2011 5 AM	Nov 23 7:07	8, 2011 AM	Nov 23 7:15	3, 2011 5 AM	Nov 23 7:20	3, 2011 ) AM	Nov 23 7:24	3, 2011 I AM	Nov 23 7:28	3, 2011 3 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	23	0.38	52	0.87	130	2.2	220	3.7	150	2.5	130	2.2	60
Cs-137 (about 30 years)	37	0.41	67	0.74	150	1.7	290	3.2	210	2.3	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. 15Bq/L
Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's l silt fo	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 23 7:32	3, 2011 2 AM	Nov 23 7:35	3, 2011 5 AM	Nov 23 7:38	3, 2011 3 AM	Nov 23 7:41	3, 2011 1 AM	Nov 23 7:46	3, 2011 S AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	230	3.8	390	6.5	370	6.2	470	7.8	200	3.3			60
Cs-137 (about 30 years)	270	3.0	440	4.9	450	5.0	580	6.4	270	3.0			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. 20Bq/L

Place of Sampling			Unit 6 of Fukushir Seawater at th	ma Daiichi e intake			②Density limit by the announcement of Reactor
Time of Sampling	Nov 23, 20 3:15 PM	)11 /					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	12	0.20					60
Cs-137 (about 30 years)	16	0.18					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Jnit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 24 6:44	4, 2011 I AM	Nov 24 6:53	I, 2011 S AM	Nov 24 6:58	4, 2011 3 AM	Nov 24 7:00	4, 2011 ) AM	Nov 24 7:06	4, 2011 S AM	Nov 24 7:08	4, 2011 3 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	53	0.88	77	1.3	150	2.5	78	1.3	190	3.2	60
Cs-137 (about 30 years)	ND	-	59	0.66	110	1.2	190	2.1	87	0.97	240	2.7	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. 14Bq/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.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 24 7:15	4, 2011 5 AM	Nov 24 7:18	4, 2011 3 AM	Nov 24 7:15	4, 2011 5 AM	Nov 24 7:18	4, 2011 3 AM	Nov 24 7:25	4, 2011 5 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	62	1.0	470	7.8	41	0.68	610	10	78	1.3			60
Cs-137 (about 30 years)	71	0.79	560	6.2	58	0.64	710	7.9	83	0.92			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. 20Bq/L

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 25 6:46	5, 2011 6 AM	Nov 25 6:53	5, 2011 AM	Nov 25 6:56	5, 2011 6 AM	Nov 25 6:58	5, 2011 3 AM	Nov 25 7:03	5, 2011 3 AM	Nov 25 7:06	5, 2011 5 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	41	0.68	58	0.97	110	1.8	190	3.2	160	2.7	210	3.5	60
Cs-137 (about 30 years)	59	0.66	86	0.96	120	1.3	250	2.8	240	2.7	230	2.6	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. 14Bq/L

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 25 7:13	5, 2011 3 AM	Nov 25 7:15	5, 2011 5 AM	Nov 28 7:13	5, 2011 3 AM	Nov 28 7:15	5, 2011 5 AM	Nov 28 7:18	5, 2011 3 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	100	1.7	500	8.3	530	8.8	580	9.7	390	6.5			60
Cs-137 (about 30 years)	120	1.3	600	6.7	680	7.6	760	8.4	450	5.0			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. 20Bq/L

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's l	iter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Jnit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 26 6:48	5, 2011 3 AM	Nov 26 6:55	5, 2011 5 AM	Nov 26 7:00	5, 2011 ) AM	Nov 26 7:01	6, 2011 I AM	Nov 26 7:06	6, 2011 6 AM	Nov 26 7:1(	5, 2011 ) AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	35	0.58	29	0.48	140	2.3	140	2.3	190	3.2	190	3.2	60
Cs-137 (about 30 years)	40	0.44	39	0.43	180	2.0	190	2.1	220	2.4	240	2.7	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. 15Bq/L

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Init 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's L silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 26 7:15	5, 2011 5 AM	Nov 26 7:20	5, 2011 0 AM	Nov 26 7:15	5, 2011 5 AM	Nov 26 7:20	6, 2011 ) AM	Nov 26 7:28	5, 2011 3 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	200	3.3	460	7.7	120	2.0	600	10	330	5.5			60
Cs-137 (about 30 years)	280	3.1	550	6.1	160	1.8	710	7.9	410	4.6			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. 22Bq/L

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 27 6:49	7, 2011 9 AM	Nov 27 6:56	7, 2011 5 AM	Nov 21 7:03	7, 2011 3 AM	Nov 27 7:05	7, 2011 5 AM	Nov 27 7:08	7, 2011 3 AM	Nov 27 7:11	7, 2011 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	41	0.68	ND	-	130	2.2	160	2.7	130	2.2	200	3.3	60
Cs-137 (about 30 years)	67	0.74	44	0.49	170	1.9	200	2.2	170	1.9	280	3.1	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. 17Bq/L, Cs-134: approx. 24Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Init 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 27 7:18	7, 2011 3 AM	Nov 27 7:23	7, 2011 5 AM	Nov 27 7:20	7, 2011 ) AM	Nov 27 7:25	7, 2011 5 AM	Nov 27 7:31	7, 2011 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	210	3.5	500	8.3	610	10	630	11	350	5.8			60
Cs-137 (about 30 years)	280	3.1	600	6.7	720	8.0	750	8.3	440	4.9			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. 20Bq/L

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 28 7:16	3, 2011 5 AM	Nov 28 7:23	8, 2011 AM	Nov 28 7:28	3, 2011 3 AM	Nov 28 7:30	3, 2011 ) AM	Nov 28 7:34	3, 2011 I AM	Nov 28 7:36	3, 2011 5 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	52	0.87	110	1.8	130	2.2	230	3.8	230	3.8	230	3.8	60
Cs-137 (about 30 years)	69	0.77	150	1.7	160	1.8	290	3.2	290	3.2	270	3.0	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. 16Bq/L

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's L silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 28 7:40	3, 2011 ) AM	Nov 28 7:42	3, 2011 2 AM	Nov 28 7:44	8, 2011 4 AM	Nov 28 7:46	8, 2011 5 AM	Nov 28 7:51	8, 2011 I AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	160	2.7	500	8.3	300	5.0	860	14	110	1.8			60
Cs-137 (about 30 years)	200	2.2	620	6.9	390	4.3	1,100	12	130	1.4			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

2 Density limit by Unit 5 of Fukushima Daiichi Place of Sampling the announcement Seawater at the intake of Reactor Regulation (Bq/L) (the density limit in Nov 28, 2011 Nov 28, 2011 Nov 28, 2011 Time of Sampling the water outside of 7:00 AM 10:00 AM 3:05 PM surrounding monitored areas in ①Density of Sample **Detected Nuclides** ①Density of Sample Scaling Factor ①Density of Sample Scaling Factor Scaling Factor the section 6 of the (Bq/L) (1)/2) (Bq/L) (1)/2) (1)/2) (Half-life) (Bq/L) appendix 2) I-131 ND ND ND 12:00 am ---(about 8 days) Cs-134 13 0.22 15 0.25 13 0.22 60 (about 2 years) Cs-137 16 0.18 20 0.22 16 0.18 90 (about 30 years) Mn-54 (approx.310days) ND ND ND 1,000 -\_ -ND Co-60 (approx.5yrs) ND ND 200 ---Tc-99m (approx.6hrs) ND ND ND 40,000 -\_ ND ND ND Te-129m (approx.34days) 300 \_ ND ND Te-129(approx.70mins) ND 10,000 -Cs-136 (approx.13days) ND ND ND 300 --ND ND ND Ba-140 (approx.13days) 300 -ND ND ND 400 La-140 (approx.40hrs) --\_

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 29 7:30	9, 2011 ) AM	Nov 29 7:38	9, 2011 AM	Nov 29 7:43	9, 2011 3 AM	Nov 29 7:46	9, 2011 5 AM	Nov 29 7:50	9, 2011 9 AM	Nov 29 7:52	9, 2011 2 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	37	0.62	91	1.5	130	2.2	160	2.7	190	3.2	180	3.0	60
Cs-137 (about 30 years)	40	0.44	120	1.3	170	1.9	240	2.7	240	2.7	230	2.6	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. 15Bq/L

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	Init 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 29 7:58	9, 2011 3 AM	Nov 29 8:02	9, 2011 2 AM	Nov 29 8:04	9, 2011 4 AM	Nov 29 8:06	9, 2011 5 AM	Nov 29 8:11	9, 2011 I AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	150	2.5	290	4.8	240	4.0	690	12	100	1.7			60
Cs-137 (about 30 years)	170	1.9	380	4.2	260	2.9	830	9.2	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	-	z	-	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. 20Bq/L

Place of Sampling				②Density limit by the announcement of Reactor			
Time of Sampling	Nov 29, 20 3:15 PM	)11 /					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	10	0.17					60
Cs-137 (about 30 years)	16	0.18					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Shallow Drat	ft Quay of 1F	Inside north wa of 1F's L	ter intake canal Jnits 1-4	Screen of 1F's U silt fe	nit 1 (outside the ence)	Screen of 1F's L silt fe	Jnit 1 (inside the ence)	Screen of 1F's U silt fe	nit 2 (outside the ence)	Screen of 1F's L silt fe	Unit 2 (inside the ence)	②Density limit by the announcement of Reactor
Time of Sampling	Nov 30 7:12	), 2011 2 AM	Nov 30 7:18	), 2011 AM	Nov 30 7:24	0, 2011 4 AM	Nov 30 7:27	), 2011 7 AM	Nov 30 7:32	), 2011 2 AM	Nov 30 7:35	), 2011 5 AM	Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	41	0.68	66	1.1	120	2.0	170	2.8	200	3.3	210	3.5	60
Cs-137 (about 30 years)	31	0.34	94	1.0	160	1.8	200	2.2	270	3.0	270	3.0	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. 17Bq/L

Place of Sampling	Screen of 1F's U silt fe	nit 3 (outside the ence)	Screen of 1F's L silt fe	Unit 3 (inside the ence)	Screen of 1F's U silt fe	nit 4 (outside the ence)	Screen of 1F's U silt fe	Jnit 4 (inside the ence)	Inside the sou 1-4 Water I	th of 1F's Units ntake Canal			②Density limit by the announcement of Reactor
Time of Sampling	Nov 30 7:42	), 2011 2 AM	Nov 30 7:43	), 2011 3 AM	Nov 30 7:48	), 2011 3 AM	Nov 30 7:50	0, 2011 ) AM	Nov 30 7:52	0, 2011 2 AM			Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	130	2.2	190	3.2	120	2.0	620	10	87	1.5			60
Cs-137 (about 30 years)	160	1.8	230	2.6	150	1.7	770	8.6	110	1.2			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. 22Bq/L

Place of Sampling				②Density limit by the announcement of Reactor			
Time of Sampling	Nov 30, 20 3:15 PM	)11 Л					Regulation (Bq/L) (the density limit in the water outside of surrounding
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)	monitored areas in the section 6 of the appendix 2)
l-131 (about 8 days)	ND	-					12:00 am
Cs-134 (about 2 years)	11	0.18					60
Cs-137 (about 30 years)	16	0.18					90
Mn-54 (approx.310days)	ND	-					1,000
Co-60 (approx.5yrs)	ND	-					200
Tc-99m (approx.6hrs)	ND	-					40,000
Te-129m (approx.34days)	ND	-					300
Te-129(approx.70mins)	ND	-					10,000
Cs-136 (approx.13days)	ND	-					300
Ba-140 (approx.13days)	ND	-					300
La-140 (approx.40hrs)	ND	-					400

[Definite Report] Fukushima Daiichi Nuclear Power Station; the water intake canal of Units 5-6 Nuclide Analysis Results of Radioactive Materials in Seawater

\* 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. 2Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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	November 16, 2011 9:50 AM	November 16, 2011 9:55 AM	November 16, 2011 10:00 AM	November 16, 2011 9:49 AM	November 16, 2011 9:45 AM	November 16, 2011 9:40 AM	November 16, 2011 8:55 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	9.6E-01	1.1E+00	2.6E-02	3.6E-02	ND	ND	ND
Cs-137 (about 30 years)	1.3E+00	1.5E+00	3.1E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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

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	November 18, 2011 9:40 AM	November 18, 2011 9:44 AM	November 18, 2011 9:48 AM	November 18, 2011 9:53 AM	November 18, 2011 9:21 AM	November 18, 2011 9:15 AM	November 18, 2011 8:55 AM
Detected Nuclides (Half-life)			Den	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.0E-01	1.1E+00	2.4E-02	3.0E-02	ND	ND	ND
Cs-137 (about 30 years)	1.1E+00	1.5E+00	ND	4.6E-02	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

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	November 21, 2011 9:55 AM	November 21, 2011 9:59 AM	November 21, 2011 10:04 AM	November 21, 2011 9:43 AM	November 21, 2011 9:49 AM	November 21, 2011 9:43 AM	November 21, 2011 9:20 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	1.3E+00	9.1E-01	ND	ND	ND	ND	ND
Cs-137 (about 30 years)	1.7E+00	1.3E+00	ND	ND	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

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	November 23, 2011 9:50 AM	November 23, 2011 9:55 AM	November 23, 2011 10:00 AM	November 23, 2011 9:55 AM	November 23, 2011 9:35 AM	November 23, 2011 9:25 AM	November 23, 2011 9:15 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	9.2E-01	7.1E-01	ND	ND	ND	ND	ND
Cs-137 (about 30 years)	1.3E+00	9.3E-01	ND	ND	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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

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	November 25, 2011 10:20 AM	November 25, 2011 10:25 AM	November 25, 2011 10:30 AM	November 25, 2011 10:07 AM	November 25, 2011 10:10 AM	November 25, 2011 10:00 AM	November 25, 2011 9:10 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	7.2E-01	6.6E-01	2.8E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	1.0E+00	8.6E-01	3.1E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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

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	November 28, 2011 10:10 AM	November 28, 2011 10:15 AM	November 28, 2011 10:20 AM	November 28, 2011 9:44 AM	November 28, 2011 9:50 AM	November 28, 2011 9:40 AM	November 28, 2011 9:25 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	6.8E-01	6.2E-01	2.8E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	9.3E-01	8.4E-01	3.7E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	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

\* 0.0E-0 means 0.0 x 10-0

\* "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

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	November 30, 2011 9:30 AM	November 30, 2011 9:34 AM	November 30, 2011 9:38 AM	November 30, 2011 9:55 AM	November 30, 2011 9:24 AM	November 30, 2011 9:20 AM	November 30, 2011 9:05 AM
Detected Nuclides (Half-life)			Dens	sity of sample(Bq/	cm3)		
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	6.1E-01	5.7E-01	3.7E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	8.1E-01	8.0E-01	2.5E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	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

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 16, 2011 9:49 AM	November 16, 2011 9:55 AM	November 16, 2011 10:00 AM	November 16, 2011 10:12 AM	Not sampled	November 16, 2011 10:09 AM	November 16, 2011 10:18 AM	November 16, 2011 10:04 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	3.6E-02	ND	ND	ND	-	1.3E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.6E-01	2.8E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 3E-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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 17, 2011 9:39 AM	November 17, 2011 9:43 AM	November 17, 2011 9:46 AM	November 17, 2011 9:56 AM	Not sampled	November 17, 2011 9:53 AM	November 17, 2011 10:00 AM	November 17, 2011 9:50 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	3. 8E-02	ND	ND	ND	-	1. 1E-01	3. 1E-02	ND
Cs-137 (about 30 years)	4. 7E-02	ND	ND	ND	-	1. 1E-01	5. 4E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 3E-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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 18, 2011 9:53 AM	November 18, 2011 9:59 AM	November 18, 2011 10:02 AM	November 18, 2011 10:15 AM	Not sampled	November 18, 2011 10:12 AM	November 18, 2011 10:20 AM	November 18, 2011 10:07 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	3. 0E-02	ND	ND	ND	-	2. 8E-01	4. 5E-02	ND
Cs-137 (about 30 years)	4. 6E-02	ND	ND	2. 8E-02	-	3. 3E-01	3. 2E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 3E-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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 19, 2011 9:40 AM	November 19, 2011 9:46 AM	November 19, 2011 9:50 AM	November 19, 2011 10:08 AM	Not sampled	November 19, 2011 10:04 AM	November 19, 2011 10:14 AM	November 19, 2011 9:56 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1. 5E-01	3. 2E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1. 9E-01	5. 9E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 3E-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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 20, 2011 9:29 AM	November 20, 2011 9:34 AM	November 20, 2011 9:38 AM	November 20, 2011 9:52 AM	Not sampled	November 20, 2011 9:48 AM	November 20, 2011 9:56 AM	November 20, 2011 9:43 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	2. 5E-01	2.9E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	3. 2E-01	2.8E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major 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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 21, 2011 9:43 AM	November 21, 2011 9:49 AM	November 21, 2011 9:53 AM	November 21, 2011 10:11 AM	November 21, 2011 10:01 AM	November 21, 2011 10:08 AM	November 21, 2011 10:16 AM	November 21, 2011 9:57 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	3. 1E-02	ND	1. 0E-01	3. 6E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	3. 7E-02	ND	1. 3E-01	3.8E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 3E-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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 22, 2011 9:36 AM	November 22, 2011 9:41 AM	November 22, 2011 9:46 AM	November 22, 2011 9:58 AM	Not sampled	November 22, 2011 9:55 AM	November 22, 2011 10:04 AM	November 22, 2011 9:50 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1. 5E-01	4. 7E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.8E-01	5. 7E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of three major nuclide that are not detected are as follows:

I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 2E-2Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 23, 2011 9:55 AM	November 23, 2011 10:00 AM	November 23, 2011 10:07 AM	November 23, 2011 10:20 AM	Not sampled	November 23, 2011 10:16 AM	November 23, 2011 10:25 AM	November 23, 2011 10:11 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	2. 2E-01	3. 0E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	2. 7E-01	3. 5E-02	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

\* 0.0E-0 means 0.0 x 10-0

\* "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.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 24, 2011 9:57 AM	November 24, 2011 10:02 AM	November 24, 2011 10:05 AM	November 24, 2011 10:17 AM	Not sampled	November 24, 2011 10:14 AM	November 24, 2011 10:21 AM	November 24, 2011 10:09 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1. 4E-01	3. 7E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	4. 8E-02	-	1. 7E-01	5.8E-02	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

\* 0.0E-0 means 0.0 x 10-0

\* "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. 2E-2Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 25, 2011 10:07 AM	November 25, 2011 10:12 AM	November 25, 2011 10:16 AM	November 25, 2011 10:31 AM	Not sampled	November 25, 2011 10:24 AM	November 25, 2011 10:36 AM	November 25, 2011 10:20 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	2.6E-02	-	1. 2E-01	3. 2E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	3. 9E-02	-	1. 2E-01	4. 1E-02	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

\* 0.0E-0 means 0.0 x 10-0

\* "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. 2E-2Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.
Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 26, 2011 9:35 AM	November 26, 2011 9:42 AM	November 26, 2011 9:48 AM	November 26, 2011 10:00 AM	Not sampled	November 26, 2011 9:58 AM	November 26, 2011 10:05 AM	November 26, 2011 9:52 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	2. 9E-02	-	1. 2E-01	2. 3E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	-	1.6E-01	3.6E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of major three nuclide that are not detected are as follows:

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 27, 2011 9:19 AM	November 27, 2011 9:24 AM	November 27, 2011 9:29 AM	November 27, 2011 9:42 AM	Not sampled	November 27, 2011 9:38 AM	November 27, 2011 9:46 AM	November 27, 2011 9:33 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	2. 5E-02	-	2.6E-01	4. 5E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	4. 1E-02	-	2. 9E-01	3. 4E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of major three nuclide that are not detected are as follows:

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 28, 2011 9:44 AM	November 28, 2011 9:50 AM	November 28, 2011 9:53 AM	November 28, 2011 10:10 AM	November 28, 2011 10:01 AM	November 28, 2011 10:06 AM	November 28, 2011 10:17 AM	November 28, 2011 9:57 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	4. 4E-02	ND	1. 2E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	4. 4E-02	ND	1.6E-01	5. 2E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of major three nuclide that are not detected are as follows:

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 29, 2011 9:34 AM	November 29, 2011 9:39 AM	November 29, 2011 9:43 AM	November 29, 2011 9:56 AM	Not sampled	November 29, 2011 9:52 AM	November 29, 2011 10:00 AM	November 29, 2011 9:47 AM
Detected Nuclides (Half-life)				Density c (Bq/	of Sample cm <sup>3</sup> )			
l-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	2. 2E-02	ND	ND	ND	-	2. 6E-01	3. 7E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	2.8E-02	-	3. 1E-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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of major three nuclide that are not detected are as follows:

Place of Sampling	Southeast part of of U4 Turbine Building, 1F	Northeast part of Process Main Building, 1F	Southeast part of Process Main Building, 1F	South part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southwest part of On- site Bunker Building, 1F	West part of Incineration Workshop Building, 1F	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building, 1F	Southeast part of On- site Bunker Building, 1F
Time of Sampling	November 30, 2011 9:55 AM	November 30, 2011 10:00 AM	November 30, 2011 10:08 AM	November 30, 2011 10:20 AM	Not sampled	November 30, 2011 10:16 AM	November 30, 2011 10:27 AM	November 30, 2011 10:12 AM
Detected Nuclides (Half-life)				Density o (Bq/	of Sample cm <sup>3</sup> )			
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1. 1E-01	2.6E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	2. 7E-02	-	1. 2E-01	3. 5E-02	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

\* 0.0E-0 means 0.0 x 10-0

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

The detection limits of major three nuclide that are not detected are as follows:

Place of Sampling	3 km offsh Takadokoban Upper La	ore of na shore ayer	3 km offsh Takadokobar Lower La	ore of na shore ayer	3 km offsh Kujihama sho Laye	ore of ore Upper r	3 km offsh Kujihama sho Laye	ore of ore Lower r	3 km offshore shore Uppe	e of Oarai er Layer	3 km offshore shore Lowe	e of Oarai er Layer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 1 7:44 A	5, 2011 M	November 1 7:42 A	5, 2011 M	November 1 7:52 A	6, 2011 M	November 1 7:50 A	6, 2011 M	November 1 7:59 A	6, 2011 M	November 1 7:56 A	6, 2011 M	(Bq/L) (the density limit in the
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)	water outside of surrounding monitored areas in the section 6 of the appendix 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

# [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore of Ibaraki Prefecture 1/2 >

\* 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. 0.93Bq/L, Cs-134: approx. 1.5Bq/L, Cs-137: approx. 1.3Bq/L

## [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore of Ibaraki Prefecture 2/2 >

Place of Sampling	3 km offshore shore Uppe	e of Hirai r Layer	3 km offshore shore Lowe	e of Hirai er Layer	3 km offshore shore Uppe	of Hasaki r Layer	3 km offshore shore Lowe	of Hasaki r Layer					② Density limit by the announcement of Deactor Degulation
Time of Sampling	November 1 1:34 P	5, 2011 M	November 1 1:32 P	5, 2011 M	November 1 3:08 P	4, 2011 M	November 1 3:06 P	4, 2011 M					(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	water outside of surrounding monitored areas in the section 6 of the appendix 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. 1.3Bq/L

Place of Sampling	3 km offsh Takadokoban Upper La	ore of na shore ayer	3 km offsh Takadokoban Lower La	ore of na shore ayer	3 km offsh Kujihama sho Laye	ore of re Upper r	3 km offsh Kujihama sho Laye	ore of ore Lower r	3 km offshore shore Uppe	of Oarai r Layer	3 km offshore shore Lowe	e of Oarai er Layer	② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 7:38 A	2, 2011 M	November 2 7:35 A	2, 2011 M	November 2 7:29 A	3, 2011 M	November 2 7:28 A	3, 2011 M	November 2 9:10 A	3, 2011 M	November 2 9:08 A	3, 2011 M	(Bq/L) (the density limit in the
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)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
l-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
l-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

# [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore of Ibaraki Prefecture 1/2 >

\* 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. 1.5Bq/L, Cs-137: approx. 1.4Bq/L

## [Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore of Ibaraki Prefecture 2/2 >

Place of Sampling	3 km offshore shore Uppe	e of Hirai r Layer	3 km offshore shore Lowe	e of Hirai r Layer	3 km offshore shore Uppe	of Hasaki r Layer	3 km offshore shore Lowe	of Hasaki r Layer					② Density limit by the announcement of Reactor Regulation
Time of Sampling	November 2 2:39 P	2, 2011 M	November 2 2:37 P	2, 2011 M	November 2 3:32 P	1, 2011 M	November 2 3:30 P	1, 2011 M					(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	water outside of surrounding monitored areas in the section 6 of the appendix 2)										
l-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. 1.4Bq/L, Cs-137: approx. 1.3Bq/L

Place of Sampling	Around North Discharge Channel of 2F Around 3,4u Discharge Channel) ( approx. 10 km from 1F )				
Time of Sampling	November 15, 2011 (Not sampled)				
Detected Nuclides (Half-life)		Dens	ity of Sample (Bq/kg・mois	st soil)	
l-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)	-				

Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Iwasawa Seashoreoffshore 15km	15 km offshore of Hirono-town		
Time of Sampling	November 16, 2011 (Not sampled)	November 16, 2011 (Not sampled)	November 16, 2011 (Not sampled)		
Detected Nuclides (Half-life)		Dens	ity of Sample (Bq/kg ⋅ mois	t soil)	
l-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)	-	-	-		

Place of Sampling	Around North Discharge Channel of 2F ( Around 3,4u Discharge Channel) ( approx. 10 km from 1F )	Iwasawa Seashoreoffshore 15km	15 km offshore of Hirono-town		
Time of Sampling	November 17, 2011 (Not sampled)	November 17, 2011 (Not sampled)	November 17, 2011 (Not sampled)		
Detected Nuclides (Half-life)		Dens	ity of Sample (Bq/kg・mois	t soil)	
l-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 sc	inite Report ]	Nuclide analysis results of ocea	ın soil
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Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Iwasawa Seashoreoffshore 15km	15 km offshore of Hirono-town		
Time of Sampling	November 18, 2011 (Not sampled)     November 18, 2011 1:50 PM		November 18, 2011 12:50 PM	November 18, 2011 8:45 AM	November 18, 2011 8:00 AM		
Detected Nuclides (Half-life)	Density of Sample (Bq/kg • moist soil)						
l-131 (about 8 days)	-	ND	ND	ND	ND		
Cs-134 (about 2 years)	-	780	420	42	65		
Cs-137 (about 30 years)	-	960	520	49	82		
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)	s) - ND		ND	ND	ND		
Te-129m (approx.34days)	ays) - ND		ND	ND	ND		
Cs-136 (approx.13days)	) - ND		ND	ND	ND		
Ba-140 (approx.13days)	) days) - 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. 10Bq/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 so
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Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F) Akm offshore of North of Iwaki City		3km offshore of Natsui River	3 km offshore of Numanouchi	3km offshore of Toyoma		
Time of Sampling	November 21, 2011 (Not sampled)	November 21, 2011 5:45 AM	November 21, 2011 6:15 AM	November 21, 2011 6:35 AM	November 21, 2011 6:55 AM		
Detected Nuclides (Half-life)	Density of Sample (Bq/kg • moist soil)						
l-131 (about 8 days)	-	ND	ND	ND ND			
Cs-134 (about 2 years)	-	94	110	160	190		
Cs-137 (about 30 years)	37 years) - 120		130	200	230		
Mn-54 (approx.310days )	-	ND	ND	ND	3.1		
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)	s) - ND		ND	ND	ND		
Cs-136 (approx.13days)	, - ND		ND	ND	ND		
Ba-140 (approx.13days)	ays) - 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. 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.

Place of Sampling	3km offshore of Soma city	5km offshore of Soma city	5km offshore of Kashima					
Time of Sampling	November 22, 2011 8:18 AM	November 22, 2011 7:40 AM	November 22, 2011 7:20 AM					
Detected Nuclides (Half-life)	Density of Sample (Bq/kg · moist soil)							
l-131 (about 8 days)	ND	ND	ND					
Cs-134 (about 2 years)	17	29	44					
Cs-137 (about 30 years)	s-137 30 years) 21 40		54					
Mn-54 (approx.310days )	ND	ND	ND					
Co-60 (approx.5yrs)	ND 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. 3Bq/kg• moist soil。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)				
Time of Sampling	November 25, 2011 10:30 AM				
Detected Nuclides (Half-life)		Dens	ity of Sample (Bq/kg・mois	st soil)	
I-131 (about 8 days)	ND				
Cs-134 (about 2 years)	130				
Cs-137 (about 30 years)	160				
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 of the fallouts inside and outside of Fukushima Daiichi NPP site<1/3>

Place of Sampling	Environment management building, F1	Environment management building (roof), F1	about 5 km north	about 5 km north west	about 5 km west	about 5 km south west			
Duration of Sampling	2011/10/3 11:40 AM 2011/11/1 11:00 AM	2011/10/3 2:30 PM 2011/11/1 11:10 AM	2011/9/22 1:15 PM 2011/10/21 10:37 AM	2011/9/22 1:40 PM 2011/10/21 9:26 AM	2011/9/22 12:20 PM 2011/10/21 9:07 AM	2011/10/3 11:10 AM 2011/11/1 10:50 AM			
Detected Nuclides (Half-life)	Density of Sample (Bq/m2)								
l-131 (about 8 days)	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	1,500	5,700	260	370	2,200	580			
Cs-137 (about 30 years)	1,900	7,100	320	420	2,600	720			
Co-60 (approx.5yrs)	ND	18	23	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND			
Tc-99m (approx.6hrs)	ND	ND	ND	ND	ND	ND			
Ag-110m (approx.250days)	ND	51	ND	ND	ND	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND			
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND			
Te-132 (approx.78hrs)	ND	ND	ND	ND	ND	ND			
I-133 (approx.21hrs)	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			

\* 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. 160Bq/m2, Cs-134: approx. 59Bq/m2, Cs-137: approx. 53Bq/m2<sub>o</sub> 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 of the fallouts inside and outside of Fukushima Daiichi NPP site<2/3>

Place of Sampling	about 5 km south	about 10 km north	about 10 km north west	about 10 km west	about 10 km south west	about 10 km south			
Duration of Sampling	2011/9/22 11:40 AM 2011/10/21 9:30 AM	2011/9/22 1:50 PM 2011/10/21 10:18 AM	2011/9/22 2:20 PM 2011/10/21 9:53 AM	2011/10/3 10:20 AM 2011/11/1 10:30 AM	2011/9/22 11:25 AM 2011/10/21 10:05 AM	2011/9/22 10:22 AM 2011/10/21 8:55 AM			
Detected Nuclides (Half-life)	Density of Sample (Bq/m2)								
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	490	240	310	2,200	220	440			
Cs-137 (about 30 years)	620	260	360	2,500	270	590			
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND			
Tc-99m (approx.6hrs)	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			
I-132 (approx.2hrs)	ND	ND	ND	ND	ND	ND			
Te-132 (approx.78hrs )	ND	ND	ND	ND	ND	ND			
I-133 (approx.21hrs)	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			

\* 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. 150Bq/m2, Cs-134: approx. 77Bq/m2, Cs-137: approx. 66Bq/m2, 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 of the fallouts inside and outside of Fukushima Daiichi NPP site<3/3>

Place of Sampling	about 10 km south (roof)	main office building, F2	main office building(roof), F2					
Duration of Sampling	2011/9/22 10:45 AM 2011/10/21 9:00 AM	2011/10/3 2:20 PM 2011/11/1 11:00 AM	2011/10/3 3:45 PM 2011/11/1 2:00 PM					
Detected Nuclides (Half-life)	Density of Sample (Bq/m2)							
I-131 (about 8 days)	ND	ND	ND					
Cs-134 (about 2 years)	480	99	45					
Cs-137 (about 30 years)	570	68	90					
Co-60 (approx.5yrs)	ND	ND	ND					
Nb-95 (approx.35days)	ND	ND	ND					
Tc-99m (approx.6hrs)	ND	ND	ND					
Ag-110m (approx.250days)	ND	ND	ND					
Te-129 (approx.70mins)	ND	ND	ND					
Te-129m (approx.34days)	ND	ND	ND					
I-132 (approx.2hrs)	ND	ND	ND					
Te-132 (approx.78hrs)	ND	ND	ND					
I-133 (approx.21hrs)	ND	ND	ND					
Cs-136 (approx.13days)	ND	ND	ND					
Ba-140 (approx.13days)	ND	ND	ND					
La-140 (approx.40hrs)	ND	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. 93Bq/m2、Cs-134: approx. 51Bq/m2、Cs-137: approx. 60Bq/m2。 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.