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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/1 7:00～12:00		2011/9/1 9:26～9:36				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	2.4E-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.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1
* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".
The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3
Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3
The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:
Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3
Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011 Sep 1 (Not sampled)		2011 Sep 1 (Not sampled)		2011 Sep 1 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	–	–	–	–	–	–	1E-03
Cs-134 (about 2 years)	–	–	–	–	–	–	2E-03
Cs-137 (about 30 years)	–	–	–	–	–	–	3E-03
Nb-95 (approx.35days)	–	–	–	–	–	–	2E-02
Tc-99m (approx.6hrs)	–	–	–	–	–	–	7E-01
Ag-110m (approx.250days)	–	–	–	–	–	–	3E-03
Te-129 (approx.70mins)	–	–	–	–	–	–	4E-01
Te-129m (approx.34days)	–	–	–	–	–	–	4E-03
I-132 (approx.2hrs)	–	–	–	–	–	–	7E-02
Te-132 (approx.78hrs)	–	–	–	–	–	–	4E-03
I-133 (approx.21hrs)	–	–	–	–	–	–	5E-03
Cs-136 (approx.13days)	–	–	–	–	–	–	1E-02
Ba-140 (approx.13days)	–	–	–	–	–	–	1E-02
La-140 (approx.40hrs)	–	–	–	–	–	–	1E-02

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

* O.OE－O means O.O x 10-O

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/2 7:00 ～ 12:00		2011/9/2 9:05 ～ 9:14				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			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.

* 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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-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 the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:
Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3
Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011 Sep 2 (Not sampled)		2011 Sep 2 (Not sampled)		2011 Sep 2 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	–	–	–	–	–	–	1E-03
Cs-134 (about 2 years)	–	–	–	–	–	–	2E-03
Cs-137 (about 30 years)	–	–	–	–	–	–	3E-03
Nb-95 (approx.35days)	–	–	–	–	–	–	2E-02
Tc-99m (approx.6hrs)	–	–	–	–	–	–	7E-01
Ag-110m (approx.250days)	–	–	–	–	–	–	3E-03
Te-129 (approx.70mins)	–	–	–	–	–	–	4E-01
Te-129m (approx.34days)	–	–	–	–	–	–	4E-03
I-132 (approx.2hrs)	–	–	–	–	–	–	7E-02
Te-132 (approx.78hrs)	–	–	–	–	–	–	4E-03
I-133 (approx.21hrs)	–	–	–	–	–	–	5E-03
Cs-136 (approx.13days)	–	–	–	–	–	–	1E-02
Ba-140 (approx.13days)	–	–	–	–	–	–	1E-02
La-140 (approx.40hrs)	–	–	–	–	–	–	1E-02

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

* O.OE－O means O.O x 10-O

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		**At the top of Mega Float located at Fukushima Daiichi**		2km-3km offshore of Fukushima Daiichi on the sea		**②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) ***
Time of Sampling	2011 Sep 2 (Not sampled)		2011 Sep 2 (Not sampled)		N/A		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	–	–	–	–	–	–	1E-03
Cs-134 (about 2 years)	–	–	–	–	–	–	2E-03
Cs-137 (about 30 years)	–	–	–	–	–	–	3E-03
Nb-95 (approx.35days)	–	–	–	–	–	–	2E-02
Tc-99m (approx.6hrs)	–	–	–	–	–	–	7E-01
Ag-110m (approx.250days)	–	–	–	–	–	–	3E-03
Te-129 (approx.70mins)	–	–	–	–	–	–	4E-01
Te-129m (approx.34days)	–	–	–	–	–	–	4E-03
I-132 (approx.2hrs)	–	–	–	–	–	–	7E-02
Te-132 (approx.78hrs)	–	–	–	–	–	–	4E-03
I-133 (approx.21hrs)	–	–	–	–	–	–	5E-03
Cs-136 (approx.13days)	–	–	–	–	–	–	1E-02
Ba-140 (approx.13days)	–	–	–	–	–	–	1E-02
La-140 (approx.40hrs)	–	–	–	–	–	–	1E-02

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

* O.OE－O means O.O x 10-O

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/3 7:00～12:00		2011/9/3 10:20～10:30				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follows:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-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 the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:
Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3
Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/4 7:00 ～ 12:00		2011/9/4 9:22～9:32				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			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.

* 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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".
  The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS 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. 8E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3
  The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:
  Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3
  Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/5 7:00～12:00		2011/9/5 9:31～9:41				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	2.4E-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.

* 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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3
Particulate: I-131: approx. 8E-8Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:
Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3
Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	mountainside of Unit 1 of Fukushima Daiichi		mountainside of Unit 2 of Fukushima Daiichi		mountainside of Unit 3 of Fukushima Daiichi		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	N/A		N/A		2011/9/5 11:07～13:07		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	ND	－	1E-03
Cs-134 (about 2 years)	-	-	-	-	1.3E-05	0.01	2E-03
Cs-137 (about 30 years)	-	-	-	-	1.2E-05	0.00	3E-03
Nb-95 (approx.35days)	-	-	-	-	ND	－	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	ND	－	7E-01
Ag-110m (approx.250days)	-	-	-	-	ND	－	3E-03
Te-129 (approx.70mins)	-	-	-	-	ND	－	4E-01
Te-129m (approx.34days)	-	-	-	-	ND	－	4E-03
I-132 (approx.2hrs)	-	-	-	-	ND	－	7E-02
Te-132 (approx.78hrs)	-	-	-	-	ND	－	4E-03
I-133 (approx.21hrs)	-	-	-	-	ND	－	5E-03
Cs-136 (approx.13days)	-	-	-	-	ND	－	1E-02
Ba-140 (approx.13days)	-	-	-	-	ND	－	1E-02
La-140 (approx.40hrs)	-	-	-	-	ND	－	1E-02

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

* O.OE－O means O.O x 10-O

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

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

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

Volatile: I-131: approx. 9E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3

Particulate: I-131: approx. 3E-6Bq/cm3

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

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi		2km-3km offshore of Fukushima Daiichi on the sea		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		N/A		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	3E-03
Te-129 (approx.70mins)	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	4E-03
I-132 (approx.2hrs)	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	1E-02

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

* O.OE－O means O.O x 10-O

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/6 7:00～12:00		2011/9/6 9:18～9:28				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

Particulate: I-131: approx. 8E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3

Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/6 9:46～14:46		2011/9/6 10:12～15:12		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	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.

* 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

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

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-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 Stations

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi		2km-3km offshore of Fukushima Daiichi on the sea		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	N/A		N/A		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	–	–	–	–	–	–	1E-03
Cs-134 (about 2 years)	–	–	–	–	–	–	2E-03
Cs-137 (about 30 years)	–	–	–	–	–	–	3E-03
Nb-95 (approx.35days)	–	–	–	–	–	–	2E-02
Tc-99m (approx.6hrs)	–	–	–	–	–	–	7E-01
Ag-110m (approx.250days)	–	–	–	–	–	–	3E-03
Te-129 (approx.70mins)	–	–	–	–	–	–	4E-01
Te-129m (approx.34days)	–	–	–	–	–	–	4E-03
I-132 (approx.2hrs)	–	–	–	–	–	–	7E-02
Te-132 (approx.78hrs)	–	–	–	–	–	–	4E-03
I-133 (approx.21hrs)	–	–	–	–	–	–	5E-03
Cs-136 (approx.13days)	–	–	–	–	–	–	1E-02
Ba-140 (approx.13days)	–	–	–	–	–	–	1E-02
La-140 (approx.40hrs)	–	–	–	–	–	–	1E-02

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

* O.OE－O means O.O x 10-O

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations <1/3>

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/7 7:00～12:00		2011/9/7 9:26～9:36				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".
  The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:
  Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-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
  Detection limits of 3 nuclides on MP-1 of Fukushima Daini are as follows:
  Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3
  Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations＜2/3＞

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	N/A		N/A		2011/9/7 10:34～15:34		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	–	–	–	–	ND	–	1E-03
Cs-134 (about 2 years)	–	–	–	–	ND	–	2E-03
Cs-137 (about 30 years)	–	–	–	–	ND	–	3E-03
Nb-95 (approx.35days)	–	–	–	–	ND	–	2E-02
Tc-99m (approx.6hrs)	–	–	–	–	ND	–	7E-01
Ag-110m (approx.250days)	–	–	–	–	ND	–	3E-03
Te-129 (approx.70mins)	–	–	–	–	ND	–	4E-01
Te-129m (approx.34days)	–	–	–	–	ND	–	4E-03
I-132 (approx.2hrs)	–	–	–	–	ND	–	7E-02
Te-132 (approx.78hrs)	–	–	–	–	ND	–	4E-03
I-133 (approx.21hrs)	–	–	–	–	ND	–	5E-03
Cs-136 (approx.13days)	–	–	–	–	ND	–	1E-02
Ba-140 (approx.13days)	–	–	–	–	ND	–	1E-02
La-140 (approx.40hrs)	–	–	–	–	ND	–	1E-02

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

* O.OE－O means O.O x 10-O

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

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

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 6E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations＜3/3＞

Place of Sampling	mountainside of Unit 1 of Fukushima Daiichi		mountainside of Unit 2 of Fukushima Daiichi		mountainside of Unit 3 of Fukushima Daiichi		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/7 11:02～13:02		2011/9/7 11:04～13:04		N/A		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	－	－	1E-03
Cs-134 (about 2 years)	3.6E-05	0.02	ND	－	－	－	2E-03
Cs-137 (about 30 years)	1.8E-05	0.01	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.

* 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 following:

Volatile: I-131: approx. 6E-6Bq/cm3, Cs-134: approx. 1E-5Bq/cm3, Cs-137: approx. 2E-5Bq/cm3

Particulate: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 7E-6Bq/cm3, Cs-137: approx. 8E-6Bq/cm3

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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/8 7:00～12:00		2011/9/8 9:21～9:31				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

Particulate: I-131: approx. 8E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/8 10:19～15:19		2011/9/8 10:30～15:30		2011/9/8 10:36～15:36		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	3.5E-06	0.00	ND	－	ND	－	2E-03
Cs-137 (about 30 years)	5.6E-06	0.00	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

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

* O.OE－O means O.O x 10-O

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

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

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

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi		2km-3km offshore of Fukushima Daiichi on the sea		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/7 19:00～24:00		2011/9/7 19:00～24:00		2011 Sep 7 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	－	－	1E-03
Cs-134 (about 2 years)	ND	－	9.3E-07	0.00	－	－	2E-03
Cs-137 (about 30 years)	ND	－	1.1E-06	0.00	－	－	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.

*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

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

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/9 7:00～12:00		2011/9/9 9:29～9:39				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	2.5E-07	0.00	ND	－			2E-03
Cs-137 (about 30 years)	2.6E-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.

*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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

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

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

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 offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	2011/9/8 20:00～20:30		2011/9/8 20:33～21:03		2011/9/8 21:06～21:36		2011/9/8 21:37～22:07		
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	1.1E-07	0.00	ND	-	1.5E-07	0.00	2.0E-07	0.00	2E-03
Cs-137 (about 30 years)	1.2E-07	0.00	ND	-	1.8E-07	0.00	2.5E-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 following:

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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/10 7:00～12:00		2011/9/10 9:25～9:35				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

*O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-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 the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/9 19:00～24:00		2011/9/9 19:00～24:00				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	3.3E-07	0.00	6.1E-07	0.00			2E-03
Cs-137 (about 30 years)	ND	－	8.7E-07	0.00			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.

*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 following:

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-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 offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/9 19:00～19:30		2011/9/9 19:33～20:03		2011/9/9 20:05～20:35		2011/9/9 20:36～21:06		
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)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	2.0E-07	0.00	4.0E-08	0.00	2E-03
Cs-137 (about 30 years)	1.5E-07	0.00	ND	-	2.8E-07	0.00	5.3E-08	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 follow:

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 6E-8Bq/cm3, Cs-137: approx. 5E-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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/11 7:00～12:00		2011/9/11 9:36～9:46				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133 (approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

*O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of major three nuclide that are not detected at West Gate of Fukushima Daiichi NPS are as following:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-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 NPS are as following:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Particulate: I-131: approx. 8E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/10 19:38～20:08		2011/9/10 20:10～20:40		2011/9/10 20:42～21:12		2011/9/10 21:13～21:43		
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)	
I-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	-	4.5E-08	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 follow:

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 5E-8Bq/cm3, Cs-137: approx. 6E-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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/12 7:00 ～ 12:00		2011/9/12 9:32 ～ 9:42				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	ND	－	ND	－			3E-03
Nb-95 (approx.35days)	ND	－	ND	－			2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－			7E-01
Ag-110m (approx.250days)	ND	－	ND	－			3E-03
Te-129 (approx.70mins)	ND	－	ND	－			4E-01
Te-129m (approx.34days)	ND	－	ND	－			4E-03
I-132 (approx.2hrs)	ND	－	ND	－			7E-02
Te-132 (approx.78hrs)	ND	－	ND	－			4E-03
I-133(approx.21hrs)	ND	－	ND	－			5E-03
Cs-136 (approx.13days)	ND	－	ND	－			1E-02
Ba-140 (approx.13days)	ND	－	ND	－			1E-02
La-140 (approx.40hrs)	ND	－	ND	－			1E-02

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

*O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

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 the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-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 seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	-	-	3E-03
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	4E-03
I-132 approx.2hrs)	-	-	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	-	-	1E-02

* O.OE－O means O.O x 10-O

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/13 7:00～12:00		2011/9/13 9:30～9:40				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	4.4E-07	0.00	ND	－			2E-03
Cs-137 (about 30 years)	5.8E-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.

*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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

Particulate: I-131: approx. 7E-8Bq/cm3

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3

Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/13 10:05 ～ 15:05		2011/9/13 10:35～15:35		2011/9/13 10:20～15:20		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	ND	－	1.5E-06	0.00	ND	－	2E-03
Cs-137 (about 30 years)	ND	－	8.8E-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

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

*O.OE－O means O.O x 10-O

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

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

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

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

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/12 19:00～24:00		2011/9/12 19:00～24:00				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	1.5E-06	0.00			2E-03
Cs-137 (about 30 years)	ND	－	1.7E-06	0.00			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.

*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 following:

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 6E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/12 19:00～19:30		2011/9/12 19:35～20:05		2011/9/12 20:06～20:36		2011/9/12 20:37～21:07		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	9.1E-08	0.00	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	7.9E-08	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 following:

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 5E-8Bq/cm3, Cs-137: approx. 5E-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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/14 7:00 ～ 12:00		2011/9/14 9:23 ～ 9:32				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	ND	－	ND	－			2E-03
Cs-137 (about 30 years)	2.2E-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

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

* O.OE－O means O.O x 10-O

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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The followings show the detection limits of major three nuclides at West Gate of Fukushima Daiichi NPS:

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3

Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3

The followings show the detection limits of major three nuclide at MP-1 of Fukushima Daini NPS:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-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	Environment Monitoring Building of Fukushima Daiichi		Water Treatment Building of Fukushima Daiichi		Switching Yard of Unit 5 and 6, Fukushima Daiichi		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/14 10:03～15:03		2011/9/14 10:14～15:14		2011/9/14 10:26～15:26		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	ND	－	ND	－	ND	－	2E-03
Cs-137 (about 30 years)	ND	－	ND	－	ND	－	3E-03
Nb-95 (approx.35days)	ND	－	ND	－	ND	－	2E-02
Tc-99m (approx.6hrs)	ND	－	ND	－	ND	－	7E-01
Ag-110m (approx.250days)	ND	－	ND	－	ND	－	3E-03
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 nuc
* 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
* "ND" means the sampled data is below measurable limit.

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 5E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-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 offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/13 18:13～18:43		2011/9/13 18:45～19:15		2011/9/13 19:17～19:47		2011/9/13 19:48～20:18		
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)	
I-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 following:

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 5E-8Bq/cm3, Cs-137: approx. 5E-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

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fukushima Daini (Reference)				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/15 7:00 ～ 12:00		2011/9/15 9:34 ～ 9:44				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–			1E-03
Cs-134 (about 2 years)	ND	–	ND	–			2E-03
Cs-137 (about 30 years)	6.6E-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.

* 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

* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of the major three nuclide at West Gate of Fukushima Daiichi NPS are as follow:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3

Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/15 10:34～15:34		2011/9/15 10:43～15:43		2011/9/15 10:49～15:49		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－	ND	－	1E-03
Cs-134 (about 2 years)	ND	－	2.8E-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
I-132(approx.2hrs)	ND	－	ND	－	ND	－	7E-02
Te-132 (approx.78hrs)	ND	－	ND	－	ND	－	4E-03
I-133(approx.21hrs)	ND	－	ND	－	ND	－	5E-03
Cs-136 (approx.13days)	ND	－	ND	－	ND	－	1E-02
Ba-140 (approx.13days)	ND	－	ND	－	ND	－	1E-02
La-140 (approx.40hrs)	ND	－	ND	－	ND	－	1E-02

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

* O.OE－O means O.O x 10-O

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

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 6E-6Bq/cm3

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi				②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011/9/14 19:00 ～ 24:00		2011/9/14 19:00 ～ 24:00				
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	－	ND	－			1E-03
Cs-134 (about 2 years)	3.8E-07	0.00	ND	－			2E-03
Cs-137 (about 30 years)	6.3E-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.

* 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

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

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 6E-7Bq/cm3, Cs-137: approx. 6E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in the Air at the seaside in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offshore of Fukushima Daiichi on the sea 1st sampling		2km-3km offshore of Fukushima Daiichi on the sea 2nd sampling		2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		②Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	2011 Sep 14 (Not sampled)		2011 Sep 14 (Not sampled)		2011 Sep 14 (Not sampled)		2011 Sep 14 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	①density of sample (Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	-	-	3E-03
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	4E-03
I-132(approx.2hrs)	-	-	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	4E-03
I-133(approx.21hrs)	-	-	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	-	-	1E-02

* O.OE－O means O.O x 10-O

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		08:25 Sep 05 2011		08:00 Sep 05 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 2/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/4＞

Place of Sampling	3 km offshore of Iwaki Upper layer		3 km offshore of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		07:55 Sep 06 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	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

* 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. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/6＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 2/6＞

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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/6＞

Place of Sampling	3 km offshore of Iwaki Upper layer		3 km offshore of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/6＞

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 5/6＞

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 City Upper layer		5 km offshore of Kashima City Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 6/6＞

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 6 (Not sampled)		2011 Sep 6 (Not sampled)										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-									40
Cs-134 (about 2 years)	-	-	-	-									60
Cs-137 (about 30 years)	-	-	-	-									90
Mo-99 (approx. 66hrs)	-	-	-	-									1,000
Tc-99m (approx.6hrs)	-	-	-	-									40,000
Te-129m (approx.34days)	-	-	-	-									300
Te-129(approx.70mins)	-	-	-	-									10,000
Te-132 (approx.78hrs)	-	-	-	-									200
I-132 (approx.2hrs)	-	-	-	-									3,000
Cs-136 (approx.13days)	-	-	-	-									300
Ba-140(approx.13days)	-	-	-	-									300
La-140 (approx. 40hrs)	-	-	-	-									400

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

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:50 Sep 07 2011		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		08:20 Sep 07 2011		07:55 Sep 07 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of 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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)		2011 Sep 7 (Not sampled)						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:20 Sep 08 2011		10:00 Sep 08 2011		N/A		08:30 Sep 08 2011		08:00 Sep 08 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/5＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		08:50 Sep 08 2011		08:50 Sep 08 2011		08:05 Sep 08 2011		08:05 Sep 08 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 2/5＞

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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	07:30 Sep 08 2011		07:30 Sep 08 2011		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/5＞

Place of Sampling	3 km offshore of Iwaki Upper layer		3 km offshore of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:15 Sep 08 2011		06:15 Sep 08 2011		05:55 Sep 08 2011		05:55 Sep 08 2011		05:35 Sep 08 2011		05:35 Sep 08 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/5＞

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:05 Sep 08 2011		06:05 Sep 08 2011		05:45 Sep 08 2011		05:45 Sep 08 2011		05:30 Sep 08 2011		05:30 Sep 08 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 5/5＞

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi Lower Layer										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:45 Sep 08 2011		06:45 Sep 08 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:10 Sep 09 2011		09:55 Sep 09 2011		14:55 Sep 09 2011		08:20 Sep 09 2011		07:55 Sep 09 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
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
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/5＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	07:55 Sep 09 2011		07:55 Sep 09 2011		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 2/5＞

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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		08:05 Sep 09 2011		08:05 Sep 09 2011		08:50 Sep 09 2011		08:50 Sep 09 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/5＞

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:20 Sep 09 2011		08:20 Sep 09 2011		08:35 Sep 09 2011		08:35 Sep 09 2011		07:00 Sep 09 2011		07:00 Sep 09 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/5＞

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:55 Sep 09 2011		08:55 Sep 09 2011		07:20 Sep 09 2011		07:20 Sep 09 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 5/5＞

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 City Upper layer		5 km offshore of Kashima City Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	05:30 Sep 09 2011		05:30 Sep 09 2011		06:10 Sep 09 2011		06:10 Sep 09 2011		06:30 Sep 09 2011		06:30 Sep 09 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:20 Sep 10 2011		09:50 Sep 10 2011		15:10 Sep 10 2011		08:10 Sep 10 2011		07:50 Sep 10 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
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
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		08:15 Sep 10 2011		08:15 Sep 10 2011		07:30 Sep 10 2011		07:30 Sep 10 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:55 Sep 10 2011		06:55 Sep 10 2011		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:05 Sep 11 2011		09:45 Sep 11 2011		N/A		07:55 Sep 11 2011		07:30 Sep 11 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129(approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140(approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:45 Sep 12 2011		10:15 Sep 12 2011		N/A		08:15 Sep 12 2011		07:45 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/4＞

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		08:45 Sep 12 2011		08:45 Sep 12 2011		08:15 Sep 12 2011		08:15 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of 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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	07:45 Sep 12 2011		07:45 Sep 12 2011		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 3/4＞

Place of Sampling	3 km offshore of Iwaki Upper layer		3 km offshore of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	04:55 Sep 12 2011		04:55 Sep 12 2011		05:10 Sep 12 2011		05:10 Sep 12 2011		05:25 Sep 12 2011		05:25 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 4/4＞

Place of Sampling	3 km offshore of Ena Upper layer		3 km offshore of Ena Lower layer		3 km offshore of Numanouchi Upper layer		3 km offshore of Numanouchi Lower layer		3 km offshore of Toyoma Upper layer		3 km offshore of Toyoma Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	05:40 Sep 12 2011		05:40 Sep 12 2011		05:20 Sep 12 2011		05:20 Sep 12 2011		05:30 Sep 12 2011		05:30 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:45 Sep 13 2011		10:20 Sep 13 2011		N/A		08:25 Sep 13 2011		07:55 Sep 13 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	–	–	ND	-	ND	-	40
Cs-134 (about 2 years)	17	0.28	11	0.18	–	–	ND	-	ND	-	60
Cs-137 (about 30 years)	23	0.26	13	0.14	–	–	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 1/4＞

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:40 Sep 13 2011		09:40 Sep 13 2011		09:20 Sep 13 2011		09:20 Sep 13 2011		07:10 Sep 13 2011		07:10 Sep 13 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater＜Offshore 2/4＞

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:40 Sep 13 2011		08:40 Sep 13 2011		07:30 Sep 13 2011		07:30 Sep 13 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of 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 City Upper layer		5 km offshore of Kashima City Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:00 Sep 13 2011		06:00 Sep 13 2011		06:15 Sep 13 2011		06:15 Sep 13 2011		06:35 Sep 13 2011		06:35 Sep 13 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of 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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	06:00 Sep 13 2011		06:00 Sep 13 2011										
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:10 Sep 14 2011		09:40 Sep 14 2011		N/A		08:15 Sep 14 2011		07:50 Sep 14 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	－	－	ND	-	ND	-	40
Cs-134 (about 2 years)	6.4	0.11	ND	-	－	－	ND	-	ND	-	60
Cs-137 (about 30 years)	9.8	0.11	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa aUpper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:35 Sep 14 2011		08:35 Sep 14 2011		08:10 Sep 14 2011		08:10 Sep 14 2011		08:05 Sep 14 2011		08:05 Sep 14 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

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 (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	07:35 Sep 14 2011		07:35 Sep 14 2011		07:05 Sep 14 2011		07:05 Sep 14 2011		06:30 Sep 14 2011		06:30 Sep 14 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)		Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	10:05 Sep 15 2011		09:40 Sep 15 2011		15:20 Sep 15 2011		08:15 Sep 15 2011		07:40 Sep 15 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
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
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	3 km offshore of Haramachi Ward Upper layer		3 km offshore of Haramachi Ward Lower layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:35 Sep 15 2011		08:35 Sep 15 2011		08:55 Sep 15 2011		08:55 Sep 15 2011		11:15 Sep 15 2011		11:15 Sep 15 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:20 Sep 15 2011		09:20 Sep 15 2011		10:30 Sep 15 2011		10:30 Sep 15 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	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 followings show the detection limits. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/1 6:41		N/A		2011/9/1 6:48		2011/9/1 6:54		2011/9/1 6:58		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	130	2.2	–	–	230	3.8	240	4.0	320	5.3	60
Cs-137 (about 30 years)	160	1.8	–	–	240	2.7	270	3.0	330	3.7	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 17Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/1 7:03		2011/9/1 7:06		2011/9/1 7:13		2011/9/1 7:17		2011/9/1 7:20		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	210	3.5	520	8.7	240	4.0	790	13	310	5.2	60
Cs-137 (about 30 years)	280	3.1	670	7.4	300	3.3	970	11	350	3.9	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 follow: I-131: approx. 23Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	**Screen of 1F's Unit 4 (inside the silt fence)**		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/1 7:22		2011/9/1 7:28		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	290	4.8	230	3.8	–	–					60
Cs-137 (about 30 years)	340	3.8	290	3.2	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 18Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/2 6:40		N/A		2011/9/2 6:46		2011/9/2 6:51		2011/9/2 6:54		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	68	1.1	–	–	130	2.2	140	2.3	220	3.7	60
Cs-137 (about 30 years)	86	0.96	–	–	180	2.0	150	1.7	280	3.1	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 16Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/2 6:59		2011/9/2 7:02		2011/9/2 7:06		2011/9/2 7:10		2011/9/2 7:13		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	120	2.0	370	6.2	160	2.7	940	16	280	4.7	60
Cs-137 (about 30 years)	140	1.6	420	4.7	190	2.1	1,100	12	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 follow: I-131: approx. 24Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/2 7:15		2011/9/2 7:20		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	310	5.2	38	0.63	–	–					60
Cs-137 (about 30 years)	400	4.4	37	0.41	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 16Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/3 6:22		N/A		2011/9/3 6:29		2011/9/3 6:33		2011/9/3 6:36		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	46	0.77	–	–	110	1.8	130	2.2	210	3.5	60
Cs-137 (about 30 years)	60	0.67	–	–	130	1.4	120	1.3	220	2.4	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/3 6:42		2011/9/3 6:44		2011/9/3 6:57		2011/9/3 7:00		2011/9/3 7:10		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	110	1.8	130	2.2	390	6.5	1,100	18	150	2.5	60
Cs-137 (about 30 years)	110	1.2	130	1.4	410	4.6	1,200	13	200	2.2	90
Mn-54 (approx.310days)	ND	–	ND	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	ND	–	ND	–	ND	–	ND	–	200
Tc-99m (approx.6hrs)	ND	–	ND	–	ND	–	ND	–	ND	–	40,000
Te-129m (approx.34days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
Te-129 (approx.70mins)	ND	–	ND	–	ND	–	ND	–	ND	–	10,000
Cs-136 (approx.13days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
Ba-140 (approx.13days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
La-140 (approx.40hrs)	ND	–	ND	–	ND	–	ND	–	ND	–	400

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

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

* "ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 25Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	**Screen of 1F's Unit 4 (inside the silt fence)**		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/3 7:15		2011/9/3 7:20		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	170	2.8	35	0.58	–	–					60
Cs-137 (about 30 years)	230	2.6	48	0.53	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/4 6:36		N/A		2011/9/4 6:46		2011/9/4 6:53		2011/9/4 6:56		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	51	0.85	–	–	110	1.8	110	1.8	180	3.0	60
Cs-137 (about 30 years)	55	0.61	–	–	140	1.6	110	1.2	200	2.2	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 16Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/4 7:03		2011/9/4 7:10		2011/9/4 7:16		2011/9/4 7:20		2011/9/4 7:27		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	150	2.5	430	7.2	630	11	1,700	28	260	4.3	60
Cs-137 (about 30 years)	200	2.2	560	6.2	740	8.2	1,900	21	280	3.1	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 follow: I-131: approx.33Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/4 7:31		2011/9/4 7:37		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	360	6.0	190	3.2	–	–					60
Cs-137 (about 30 years)	340	3.8	230	2.6	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 20Bq/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 <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/5 7:27		N/A		2011/9/5 7:37		2011/9/5 7:44		2011/9/5 7:44		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	93	1.6	–	–	230	3.8	140	2.3	180	3.0	60
Cs-137 (about 30 years)	96	1.1	–	–	280	3.1	170	1.9	200	2.2	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/5 7:54		2011/9/5 7:54		2011/9/5 8:03		2011/9/5 8:03		2011/9/5 8:10		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	170	2.8	490	8.2	720	12	2,200	37	250	4.2	60
Cs-137 (about 30 years)	190	2.1	640	7.1	890	9.9	2,500	28	340	3.8	90
Mn-54 (approx.310days)	ND	–	13	0.01	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 follow: I-131: approx. 33Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/5 8:10		2011/9/5 8:17		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	350	5.8	46	0.77	–	–					60
Cs-137 (about 30 years)	450	5.0	66	0.73	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 16Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/6 6:49		N/A		2011/9/6 7:00		2011/9/6 7:08		2011/9/6 7:08		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	ND	–	–	–	94	1.6	100	1.7	190	3.2	60
Cs-137 (about 30 years)	44	0.49	–	–	71	0.79	120	1.3	200	2.2	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 15Bq/L, Cs-134: approx. 26Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/6 7:16		2011/9/6 7:16		2011/9/6 7:28		2011/9/6 7:23		2011/9/6 7:23		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	140	2.3	570	9.5	180	3.0	2,500	42	260	4.3	60
Cs-137 (about 30 years)	150	1.7	640	7.1	200	2.2	2,900	32	280	3.1	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 follow: I-131: approx. 38Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/6 7:28		2011/9/6 7:33		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	180	3.0	ND	–	–	–					60
Cs-137 (about 30 years)	260	2.9	45	0.50	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 18Bq/L, Cs-134: approx. 25Bq/L

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

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/7 6:26		2011/9/7 13:30		2011/9/7 6:33		2011/9/7 6:38		2011/9/7 6:40		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	34	0.57	41	0.68	98	1.6	120	2.0	140	2.3	60
Cs-137 (about 30 years)	ND	–	ND	–	120	1.3	110	1.2	170	1.9	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 follow: I-131: approx. 14Bq/L, Cs-137: approx. 28Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/7 6:44		2011/9/7 6:47		2011/9/7 6:51		2011/9/7 6:54		2011/9/7 6:57		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	140	2.3	540	9.0	130	2.2	1,400	23	120	2.0	60
Cs-137 (about 30 years)	140	1.6	620	6.9	160	1.8	1,600	18	140	1.6	90
Mn-54 (approx.310days)	ND	–	17	0.02	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 follow: I-131: approx. 28Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/7 6:59		2011/9/7 7:04		2011/9/7 11:00						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–					40
Cs-134 (about 2 years)	250	4.2	120	2.0	ND	–					60
Cs-137 (about 30 years)	290	3.2	150	1.7	ND	–					90
Mn-54 (approx.310days)	ND	–	ND	–	ND	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	ND	–					200
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
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 follow: I-131: approx. 15Bq/L, Cs-134: approx. 30Bq/L, Cs-137: approx. 34Bq/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 <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/8 6:15		N/A		2011/9/8 6:20		2011/9/8 6:23		2011/9/8 6:25		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	ND	–	–	–	70	1.2	50	0.83	41	0.68	60
Cs-137 (about 30 years)	ND	–	–	–	66	0.73	54	0.60	48	0.53	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 14Bq/L, Cs-134: approx. 31Bq/L, Cs-137: approx. 34Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/8 6:33		2011/9/8 6:35		2011/9/8 6:38		2011/9/8 6:40		2011/9/8 6:43		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	59	0.98	230	3.8	55	0.92	110	1.8	ND	–	60
Cs-137 (about 30 years)	95	1.1	280	3.1	80	0.89	120	1.3	61	0.68	90
Mn-54 (approx.310days)	ND	–	21	0.02	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 follow: I-131: approx. 16Bq/L, Cs-134: approx. 30Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	**Screen of 1F's Unit 4 (inside the silt fence)**		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/8 6:46		2011/9/8 6:50		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	87	1.5	89	1.5	–	–					60
Cs-137 (about 30 years)	100	1.1	110	1.2	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/9 6:40		2011/9/9 13:05		2011/9/9 6:47		2011/9/9 6:53		2011/9/9 6:58		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	72	1.2	31	0.52	110	1.8	86	1.4	92	1.5	60
Cs-137 (about 30 years)	57	0.63	47	0.52	110	1.2	97	1.1	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 follow: I-131: approx. 12Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/9 7:05		2011/9/9 7:10		2011/9/9 7:18		2011/9/9 7:23		2011/9/9 7:18		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	130	2.2	380	6.3	80	1.3	130	2.2	63	1.1	60
Cs-137 (about 30 years)	150	1.7	420	4.7	100	1.1	160	1.8	92	1.0	90
Mn-54 (approx.310days)	ND	–	23	0.02	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 follow: I-131: approx. 18Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/9 7:23		2011/9/9 7:28		2011/9/9 11:30						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–					40
Cs-134 (about 2 years)	84	1.4	200	3.3	ND	–					60
Cs-137 (about 30 years)	97	1.1	240	2.7	ND	–					90
Mn-54 (approx.310days)	ND	–	ND	–	ND	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	ND	–					200
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
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 follow: I-131: approx. 15Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 28Bq/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 <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/10 6:40		N/A		2011/9/10 6:47		2011/9/10 6:55		2011/9/10 7:00		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	51	0.85	–	–	100	1.7	92	1.5	77	1.3	60
Cs-137 (about 30 years)	ND	–	–	–	110	1.2	110	1.2	110	1.2	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 13Bq/L, Cs-137: approx. 34Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/10 7:05		2011/9/10 7:10		2011/9/10 7:18		2011/9/10 7:23		2011/9/10 7:18		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	100	1.7	130	2.2	130	2.2	190	3.2	190	3.2	60
Cs-137 (about 30 years)	120	1.3	180	2.0	130	1.4	200	2.2	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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/10 7:23		2011/9/10 7:30		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	290	4.8	120	2.0	–	–					60
Cs-137 (about 30 years)	360	4.0	150	1.7	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 17Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/11 6:24		N/A		2011/9/11 6:30		2011/9/11 6:36		2011/9/11 6:40		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	ND	–	–	–	31	0.52	39	0.65	49	0.82	60
Cs-137 (about 30 years)	ND	–	–	–	ND	–	ND	–	49	0.54	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 13Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 34Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/11 6:44		2011/9/11 6:47		2011/9/11 6:51		2011/9/11 6:53		2011/9/11 6:55		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	60	1.0	120	2.0	60	1.0	69	1.2	66	1.1	60
Cs-137 (about 30 years)	82	0.91	160	1.8	41	0.46	76	0.84	85	0.94	90
Mn-54 (approx.310days)	ND	–	32	0.03	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 follow: I-131: approx. 13Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	**Screen of 1F's Unit 4 (inside the silt fence)**		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/11 6:57		2011/9/11 7:02		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	160	2.7	100	1.7	–	–					60
Cs-137 (about 30 years)	180	2.0	120	1.3	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 13Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/12 6:30		N/A		2011/9/12 6:40		2011/9/12 6:46		2011/9/12 6:48		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	ND	–	–	–	88	1.5	88	1.5	110	1.8	60
Cs-137 (about 30 years)	ND	–	–	–	100	1.1	130	1.4	140	1.6	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 14Bq/L, Cs-134: approx. 30Bq/L, Cs-137: approx. 33Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/12 6:53		2011/9/12 6:55		2011/9/12 7:00		2011/9/12 7:05		2011/9/12 7:07		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	130	2.2	180	3.0	160	2.7	150	2.5	83	1.4	60
Cs-137 (about 30 years)	120	1.3	230	2.6	190	2.1	210	2.3	120	1.3	90
Mn-54 (approx.310days)	ND	–	8.8	0.01	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 follow: I-131: approx. 16Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/12 7:09		2011/9/12 7:11		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	120	2.0	160	2.7	–	–					60
Cs-137 (about 30 years)	110	1.2	160	1.8	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/13 6:52		N/A		2011/9/13 7:04		2011/9/13 7:12		2011/9/13 7:15		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	46	0.77	–	–	130	2.2	130	2.2	140	2.3	60
Cs-137 (about 30 years)	ND	–	–	–	160	1.8	160	1.8	170	1.9	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 17Bq/L, Cs-137: approx. 34Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/13 7:23		2011/9/13 7:26		2011/9/13 7:33		2011/9/13 7:35		2011/9/13 7:42		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	140	2.3	350	5.8	130	2.2	570	9.5	150	2.5	60
Cs-137 (about 30 years)	130	1.4	400	4.4	170	1.9	630	7.0	170	1.9	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 follow: I-131: approx. 22Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/13 7:45		2011/9/13 7:51		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	230	3.8	150	2.5	–	–					60
Cs-137 (about 30 years)	240	2.7	190	2.1	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 17Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/14 7:07		N/A		2011/9/14 7:17		2011/9/14 7:23		2011/9/14 7:26		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	37	0.62	–	–	130	2.2	110	1.8	160	2.7	60
Cs-137 (about 30 years)	32	0.36	–	–	180	2.0	130	1.4	180	2.0	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/14 7:31		2011/9/14 7:35		2011/9/14 7:42		2011/9/14 7:44		2011/9/14 7:47		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	140	2.3	360	6.0	170	2.8	220	3.7	170	2.8	60
Cs-137 (about 30 years)	140	1.6	430	4.8	220	2.4	290	3.2	200	2.2	90
Mn-54 (approx.310days)	ND	–	ND	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	ND	–	ND	–	ND	–	ND	–	200
Tc-99m (approx.6hrs)	ND	–	ND	–	ND	–	ND	–	ND	–	40,000
Te-129m (approx.34days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
Te-129 (approx.70mins)	ND	–	ND	–	ND	–	ND	–	ND	–	10,000
Cs-136 (approx.13days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
Ba-140 (approx.13days)	ND	–	ND	–	ND	–	ND	–	ND	–	300
La-140 (approx.40hrs)	ND	–	ND	–	ND	–	ND	–	ND	–	400

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

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

* "ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 17Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/14 7:49		2011/9/14 7:53		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	260	4.3	420	7.0	–	–					60
Cs-137 (about 30 years)	310	3.4	480	5.3	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 18Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4		**Screen of 1F's Unit 1 (outside the silt fence)**		**Screen of 1F's Unit 1 (inside the silt fence)**		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/15 6:05		N/A		2011/9/15 6:20		2011/9/15 6:25		2011/9/15 6:30		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	–	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	ND	–	–	–	37	0.62	ND	–	ND	–	60
Cs-137 (about 30 years)	ND	–	–	–	ND	–	ND	–	ND	–	90
Mn-54 (approx.310days)	ND	–	–	–	ND	–	ND	–	ND	–	1,000
Co-60 (approx.5yrs)	ND	–	–	–	ND	–	ND	–	ND	–	200
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
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 follow: I-131: approx. 14Bq/L, Cs-134: approx. 30Bq/L, Cs-137: approx. 34Bq/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 <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/15 6:33		2011/9/15 6:38		2011/9/15 6:40		2011/9/15 6:45		2011/9/15 6:50		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	–	ND	–	ND	–	ND	–	ND	–	40
Cs-134 (about 2 years)	79	1.3	ND	–	ND	–	48	0.80	28	0.47	60
Cs-137 (about 30 years)	80	0.89	ND	–	46	0.51	34	0.38	42	0.47	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 follow: I-131: approx. 15Bq/L, Cs-134: approx. 31Bq/L, Cs-137: approx. 33Bq/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 <3/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4

Place of Sampling	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	2011/9/15 6:53		2011/9/15 6:55		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)	
I-131 (about 8 days)	ND	–	ND	–	–	–					40
Cs-134 (about 2 years)	52	0.87	100	1.7	–	–					60
Cs-137 (about 30 years)	45	0.50	130	1.4	–	–					90
Mn-54 (approx.310days)	ND	–	ND	–	–	–					1,000
Co-60 (approx.5yrs)	ND	–	ND	–	–	–					200
Tc-99m (approx.6hrs)	ND	–	ND	–	–	–					40,000
Te-129m (approx.34days)	ND	–	ND	–	–	–					300
Te-129 (approx.70mins)	ND	–	ND	–	–	–					10,000
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 follow: I-131: approx. 15Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:20 Sep 02 2011	10:25 Sep 02 2011	10:30 Sep 02 2011	09:46 Sep 02 2011	10:15 Sep 02 2011	10:05 Sep 02 2011	09:45 Sep 02 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.6E+00	8.9E+00	3.0E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	1.1E+01	1.1E+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)	2.3E-01	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 7E-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.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:38 Sep 05 2011	10:43 Sep 05 2011	10:50 Sep 05 2011	09:48 Sep 05 2011	10:30 Sep 05 2011	10:21 Sep 05 2011	13:14 Sep 05 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	1.3E+00	5.4E+00	7.4E-02	1.1E-01	ND	ND	ND
Cs-137 (about 30 years)	1.7E+00	6.9E+00	9.0E-02	1.2E-01	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 7E-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.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:50 Sep 07 2011	10:55 Sep 07 2011	11:00 Sep 07 2011	09:52 Sep 07 2011	10:45 Sep 07 2011	10:40 Sep 07 2011	10:25 Sep 07 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	9.5E-01	4.9E+00	3.6E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	1.2E+00	6.2E+00	6.2E-02	3.9E-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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-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.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	11:00 Sep 09 2011	11:05 Sep 09 2011	11:10 Sep 09 2011	09:50 Sep 09 2011	10:55 Sep 09 2011	10:50 Sep 09 2011	09:40 Sep 09 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.5E-01	4.8E+00	ND	4.1E-02	ND	ND	ND
Cs-137 (about 30 years)	1.1E+00	6.0E+00	ND	4.0E-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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-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.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	11:45 Sep 12 2011	11:50 Sep 12 2011	12:00 Sep 12 2011	09:58 Sep 12 2011	11:35 Sep 12 2011	11:20 Sep 12 2011	13:00 Sep 12 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.2E-01	4.9E+00	ND	ND	ND	ND	ND
Cs-137 (about 30 years)	1.1E+00	6.3E+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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-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.

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	10:40 Sep 14 2011	10:45 Sep 14 2011	10:50 Sep 14 2011	09:51 Sep 14 2011	10:35 Sep 14 2011	10:30 Sep 14 2011	11:00 Sep 14 2011
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.9E-01	4.8E+00	2.5E-02	5.3E-02	ND	ND	ND
Cs-137 (about 30 years)	1.2E+00	6.1E+00	3.8E-02	6.3E-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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:57 Sep 01 2011	10:02 Sep 01 2011	10:06 Sep 01 2011	10:17 Sep 01 2011	N/A	10:14 Sep 01 2011	10:22 Sep 01 2011	10:10 Sep 01 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	5.1E-02	ND	ND	ND	-	6.1E-02	ND	ND
Cs-137 (about 30 years)	7.5E-02	ND	ND	ND	-	1.2E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 1E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3

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

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:46 Sep 02 2011	09:55 Sep 02 2011	10:00 Sep 02 2011	10:11 Sep 02 2011	N/A	10:08 Sep 02 2011	10:15 Sep 02 2011	10:04 Sep 02 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.7E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	4.6E-02	ND	-	1.7E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3

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

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:49 Sep 03 2011	09:55 Sep 03 2011	09:59 Sep 03 2011	10:10 Sep 03 2011	N/A	10:07 Sep 03 2011	10:14 Sep 03 2011	10:03 Sep 03 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	5.1E-02	ND	ND	ND	-	3.7E-01	ND	ND
Cs-137 (about 30 years)	9.1E-02	ND	ND	ND	-	4.7E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:36 Sep 04 2011	09:41 Sep 04 2011	09:46 Sep 04 2011	09:58 Sep 04 2011	N/A	09:54 Sep 04 2011	10:05 Sep 04 2011	09:50 Sep 04 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	5.2E-02	ND	ND	ND	-	2.1E-01	ND	ND
Cs-137 (about 30 years)	8.5E-02	ND	ND	ND	-	2.4E-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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3

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

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:48 Sep 05 2011	09:52 Sep 05 2011	09:56 Sep 05 2011	10:10 Sep 05 2011	10:04 Sep 05 2011	10:07 Sep 05 2011	10:14 Sep 05 2011	10:01 Sep 05 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	1.1E-01	ND	ND	ND	ND	3.3E-01	ND	ND
Cs-137 (about 30 years)	1.2E-01	ND	ND	ND	ND	4.1E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:57 Sep 06 2011	10:01 Sep 06 2011	10:07 Sep 06 2011	10:20 Sep 06 2011	N/A	10:17 Sep 06 2011	10:25 Sep 06 2011	10:12 Sep 06 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	5.9E-02	ND	ND	ND	-	2.3E-01	ND	ND
Cs-137 (about 30 years)	7.3E-02	ND	ND	ND	-	2.9E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 4E-2Bq/cm3

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

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:52 Sep 07 2011	09:57 Sep 07 2011	10:07 Sep 07 2011	10:17 Sep 07 2011	N/A	10:21 Sep 07 2011	10:26 Sep 07 2011	10:11 Sep 07 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	1.4E-01	ND	ND
Cs-137 (about 30 years)	3.9E-02	ND	ND	2.8E-02	-	2.0E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:47 Sep 08 2011	09:52 Sep 08 2011	09:58 Sep 08 2011	10:10 Sep 08 2011	N/A	10:07 Sep 08 2011	10:16 Sep 08 2011	10:03 Sep 08 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	3.2E-02	ND	ND	3.3E-02	-	2.4E-01	ND	ND
Cs-137 (about 30 years)	6.6E-02	ND	ND	4.5E-02	-	3.0E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:50 Sep 09 2011	09:54 Sep 09 2011	10:00 Sep 09 2011	10:10 Sep 09 2011	N/A	10:07 Sep 09 2011	10:14 Sep 09 2011	10:03 Sep 09 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	4.1E-02	ND	ND	ND	-	3.0E-01	ND	ND
Cs-137 (about 30 years)	4.0E-02	ND	ND	ND	-	3.3E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	10:04 Sep 10 2011	10:08 Sep 10 2011	10:13 Sep 10 2011	10:25 Sep 10 2011	N/A	10:22 Sep 10 2011	10:31 Sep 10 2011	10:18 Sep 10 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	3.9E-01	ND	ND
Cs-137 (about 30 years)	5.8E-02	ND	ND	ND	-	4.5E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:40 Sep 11 2011	09:47 Sep 11 2011	09:52 Sep 11 2011	10:00 Sep 11 2011	N/A	10:04 Sep 11 2011	10:10 Sep 11 2011	09:56 Sep 11 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	1.1E-01	ND	ND	ND	-	2.5E-01	ND	ND
Cs-137 (about 30 years)	1.5E-01	ND	ND	ND	-	3.0E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:58 Sep 12 2011	10:03 Sep 12 2011	10:08 Sep 12 2011	10:21 Sep 12 2011	10:16 Sep 12 2011	10:24 Sep 12 2011	10:29 Sep 12 2011	10:12 Sep 12 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	ND	1.6E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	ND	ND	2.1E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	10:00 Sep 13 2011	10:05 Sep 13 2011	10:09 Sep 13 2011	10:20 Sep 13 2011	N/A	10:17 Sep 13 2011	10:24 Sep 13 2011	10:14 Sep 13 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	3.8E-02	ND	ND	ND	-	2.2E-01	ND	ND
Cs-137 (about 30 years)	5.4E-02	ND	ND	ND	-	3.1E-01	3.0E-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

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	09:51 Sep 14 2011	09:56 Sep 14 2011	10:01 Sep 14 2011	10:13 Sep 14 2011	N/A	10:10 Sep 14 2011	10:18 Sep 14 2011	10:05 Sep 14 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	5.3E-02	ND	ND	3.2E-02	-	2.5E-01	ND	ND
Cs-137 (about 30 years)	6.3E-02	ND	ND	2.9E-02	-	2.8E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building Fukushima Daiichi NPS	South East of process main building Fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	10:28 Sep 15 2011	10:36 Sep 15 2011	10:40 Sep 15 2011	10:52 Sep 15 2011	N/A	10:49 Sep 15 2011	10:57 Sep 15 2011	10:45 Sep 15 2011
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	2.9E-02	ND	ND	ND	-	1.8E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	3.8E-02	-	2.0E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. 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.

【Definite Report】Nuclide Analysis Results of Seawater ＜Offshore of Ibaraki Pref. 1/2＞

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:01 Sep 07 2011		07:55 Sep 07 2011		08:34 Sep 08 2011		08:31 Sep 08 2011		08:02 Sep 08 2011		08:01 Sep 08 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66 hours）	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater ＜Offshore of Ibaraki Pref. 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	13:41 Sep 07 2011		13:40 Sep 07 2011		09:17 Sep 07 2011		09:15 Sep 07 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66 hours）	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater ＜Offshore of Ibaraki Pref. 1/2＞

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:19 Sep 13 2011		08:17 Sep 13 2011		08:29 Sep 14 2011		08:27 Sep 14 2011		08:00 Sep 14 2011		07:56 Sep 14 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66 hours）	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】Nuclide Analysis Results of Seawater ＜Offshore of Ibaraki Pref. 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	14:15 Sep 13 2011		14:12 Sep 13 2011		07:44 Sep 13 2011		07:42 Sep 13 2011						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66 hours）	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Ishinomaki bayUpper Layer		Ishinomaki bayMiddle Layer		Ishinomaki bayLower Layer		Offshore of East side of Kinkasan Upper Layer		Offshore of East side of Kinkasan Middle Layer		Offshore of East side of Kinkasan Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	11:00 Sep 12 2011		11:11 Sep 12 2011		11:05 Sep 12 2011		08:13 Sep 12 2011		08:34 Sep 12 2011		08:24 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	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. 40 hours)	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Offshore of South side of Kinkasan Upper Layer		Offshore of South side of Kinkasan Middle Layer		Offshore of South side of Kinkasan Lower Layer		Offshore of Shichigahama Upper Layer		Offshore of Shichigahama Middle Layer		Offshore of Shichigahama Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	09:09 Sep 12 2011		09:34 Sep 12 2011		09:26 Sep 12 2011		09:39 Sep 12 2011		09:34 Sep 12 2011		09:28 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （about 66 hours）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Central area of Sendai bay Upper Layer		Central area of Sendai bay MIddle Layer		Central area of Sendai bay Lower Layer		Offshore of Abukumagawa Upper Layer		Offshore of Abukumagawa Middle Layer		Offshore of Abukumagawa Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	08:48 Sep 12 2011		08:42 Sep 12 2011		08:36 Sep 12 2011		07:30 Sep 12 2011		07:26 Sep 12 2011		07:18 Sep 12 2011		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （about 66 hours）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	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. 40 hours）	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	8km offshore of Odaka-ku	8km offshore of Iwasawa shore	8km offshore of Haramachi-ku	
Time of Sampling	2011 Sep 5 (Not sampled)	2011 Sep 5 (Not sampled)	2011 Sep 5 (Not sampled)	
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	–	–	–	
Cs-134 (about 2 years)	–	–	–	
Cs-137 (about 30 years)	–	–	–	
Mn-54 (about 310 days)	–	–	–	
Co-60 (approx.5yrs)	–	–	–	
Tc-99m (approx.6hrs)	–	–	–	
Ag-110m (approx.250days)	–	–	–	
Te-129 (approx.70mins)	–	–	–	
Te-129m (approx.34days)	–	–	–	
Cs-136 (approx.13days)	–	–	–	
Ba-140 (approx.13days)	–	–	–	
La-140 (approx.40hrs)	–	–	–	

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	5km offshore of Numanouchi			
Time of Sampling	2011 Sep 6 (Not sampled)			
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	–			
Cs-134 (about 2 years)	–			
Cs-137 (about 30 years)	–			
Mn-54 (about 310 days)	–			
Co-60 (approx.5yrs)	–			
Tc-99m (approx.6hrs)	–			
Ag-110m (approx.250days)	–			
Te-129 (approx.70mins)	–			
Te-129m (approx.34days)	–			
Cs-136 (approx.13days)	–			
Ba-140 (approx.13days)	–			
La-140 (approx.40hrs)	–			

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	15km offshore of Minami Soma City			
Time of Sampling	2011 Sep 7 (Not sampled)			
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	–			
Cs-134 (about 2 years)	–			
Cs-137 (about 30 years)	–			
Mn-54 (about 310 days)	–			
Co-60 (approx.5yrs)	–			
Tc-99m (approx.6hrs)	–			
Ag-110m (approx.250days)	–			
Te-129 (approx.70mins)	–			
Te-129m (approx.34days)	–			
Cs-136 (approx.13days)	–			
Ba-140 (approx.13days)	–			
La-140 (approx.40hrs)	–			

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	3km offshore of Ena	3km offshore of Onahama Port	3km offshore of North of Iwaki City	3km offshore of Natsui River	3km offshore of Numanouchi	3km offshore of Toyoma	5km offshore of Natsui River
Time of Sampling	06:10 Sep 08 2011	05:45 Sep 08 2011	05:15 Sep 08 2011	05:50 Sep 08 2011	06:08 Sep 08 2011	06:29 Sep 08 2011	06:50 Sep 08 2011
Detected Nuclides (Half-life)	Density of sample (Bq/kg)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	540	170	280	220	230	280	86
Cs-137 (about 30 years)	620	190	330	260	250	330	100
Mn-54 (about 310 days)	ND	ND	ND	ND	4.1	3.3	ND
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND	ND	ND
Tc-99m (approx.6hrs)	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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 7Bq/kg。

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

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	15km offshore of Iwasawa shore	15km offshore of Hirono town	8km offshore of Iwasawa shore	3km offshore of Soma city	5km offshore of Soma city	5km offshore of Kashima city
Time of Sampling	08:05 Sep 09 2011	08:50 Sep 09 2011	07:20 Sep 09 2011	06:50 Sep 09 2011	06:05 Sep 09 2011	05:40 Sep 09 2011
Detected Nuclides (Half-life)	Density of sample (Bq/kg)					
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	14	80	440	29	31	97
Cs-137 (about 30 years)	13	97	550	34	34	120
Mn-54 (about 310 days)	ND	ND	ND	ND	ND	ND
Co-60 (approx.5yrs)	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
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

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 10Bq/kg。

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

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)	Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)
Time of Sampling	10:45 Sep 12 2011	2011 Sep 12 (Not sampled)	2011 Sep 12 (Not sampled)	2011 Sep 12 (Not sampled)
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	ND	–	–	–
Cs-134 (about 2 years)	2,000	–	–	–
Cs-137 (about 30 years)	2,300	–	–	–
Mn-54 (about 310 days)	ND	–	–	–
Co-60 (approx.5yrs)	ND	–	–	–
Tc-99m (approx.6hrs)	ND	–	–	–
Ag-110m (approx.250days)	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 14Bq/kg。

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

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	8km offshore of Odaka-ku	8km offshore of Haramachi-ku		
Time of Sampling	08:50 Sep 13 2011	09:50 Sep 13 2011		
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	ND	ND		
Cs-134 (about 2 years)	35	110		
Cs-137 (about 30 years)	39	130		
Mn-54 (about 310 days)	ND	ND		
Co-60 (approx.5yrs)	ND	ND		
Tc-99m (approx.6hrs)	ND	ND		
Ag-110m (approx.250days)	ND	ND		
Te-129 (approx.70mins)	ND	ND		
Te-129m (approx.34days)	ND	ND		
Cs-136 (approx.13days)	ND	ND		
Ba-140 (approx.13days)	ND	ND		
La-140 (approx.40hrs)	ND	ND		

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/kg。

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

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	15km offshore of Minami Soma City			
Time of Sampling	08:45 Sep 14 2011			
Detected Nuclides (Half-life)	Density of sample (Bq/kg)			
I-131 (about 8 days)	ND			
Cs-134 (about 2 years)	20			
Cs-137 (about 30 years)	24			
Mn-54 (about 310 days)	ND			
Co-60 (approx.5yrs)	ND			
Tc-99m (approx.6hrs)	ND			
Ag-110m (approx.250days)	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 followings show the detection limits of undetected typical nuclides. I-131: approx. 2Bq/kg。

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

【Definite Report】 Nuclide analysis results of ocean soil

Place of Sampling	Around South Discharge Channel of 1F (Around 1-4u Discharge Channel)	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)	3km offshore of Kodaka District	3km offshore of Iwasawa
Time of Sampling	09:55 Sep 15 2011	10:45 Sep 15 2011	07:40 Sep 15 2011	09:00 Sep 15 2011	11:05 Sep 15 2011
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	1500	190	220	300	860
Cs-137 (about 30 years)	1800	220	260	350	1000
Mn-54 (about 310 days)	13	ND	ND	ND	4.7
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND
Tc-99m (approx.6hrs)	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND

* "ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 12Bq/kg。

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