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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 01, 2011 7:00 - 12:00		Oct 01, 2011 9:28 - 9:38				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP 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. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as 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 Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 02, 2011 7:00 - 12:00		Oct 02, 2011 9:15 - 9:25				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP 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. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini P 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 Sites of Fukushima Nuclear Power Statio

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 03, 2011 7:00 - 12:00		Oct 03, 2011 9:30 - 9:40				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	3.1E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129(approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132(approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133(approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.
* O.OE－O means O.O x 10-O
* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.
* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follow:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3
Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follow:
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. 1E-6Bq/cm3, Cs-137: approx. 1E-6Bq/cm3

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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Oct 04, 2011 7:00 - 12:00		Oct 04, 2011 9:33 - 9:43				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 nu
* 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 witl
* When the radioactivity density is below the detection limit, it shows "ND" which means "Not Detectable".

The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follow:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3
Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as 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	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3) *
Time of Sampling	Oct 04, 2011 9:33am - 2:33pm		Oct 04, 2011 9:58am - 2:58pm		Oct 04, 2011 9:48am - 2:48pm		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3.1E-07	0.00	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 nu
* 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 follow:

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

Particulate: I-131: approx. 9E-8Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

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

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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 05, 2011 7:00 - 12:00		Oct 05, 2011 9:29 - 9:39				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follow:

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

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

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

Place of Sampling	mountainside of Unit 1 of Fukushima Daiichi		mountainside of Unit 2 of Fukushima Daiichi		mountainside of Unit 3 of Fukushima Daiichi		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 05, 2011 10:29 - 13:13		Oct 05, 2011 10:31 - 13:15		N/A		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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.

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

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

Volatile: I-131: approx. 3E-6Bq/cm3, Cs-134: approx. 8E-6Bq/cm3, Cs-137: approx. 9E-6Bq/cm3

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

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

[Definite Report] Nuclide Analysis Results of Radioactive Materials in the Air at the 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		<2> Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling	Oct 04, 2011 8:40 - 9:10		Oct 04, 2011 (Not sampled)		Oct 04, 2011 (Not sampled)		Oct 04, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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

* 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. 2E-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 <1/3>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 06, 2011 7:00 - 12:00		Oct 06, 2011 9:20 - 9:30				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP 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. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as 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 Sites of Fukushima Nuclear Power Stations <2/3>

Place of Sampling	North Side Slope of Fukushima Daiichi Unit 1		West Side Slope of Fukushima Daiichi Unit 1 & 2		West Side Slope of Fukushima Daiichi Unit 3 & 4		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 06, 2011 11:31 - 16:31		Oct 06, 2011 11:19 - 16:19		Oct 06, 2011 11:06 - 16:06		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 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 follow:

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

Particulate: I-131: approx. 2E-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 Sites of Fukushima Nuclear Power Stations

Place of Sampling	mountainside of Unit 1 of Fukushima Daiichi		mountainside of Unit 2 of Fukushima Daiichi		mountainside of Unit 3 of Fukushima Daiichi		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	N/A		N/A		Oct 06, 2011 12:06 - 17:06		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 1.

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3

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

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

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 05, 2011 (Not sampled)		Oct 05, 2011 (Not sampled)				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 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		<2>Density 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	Oct 05, 2011 (Not sampled)		Oct 05, 2011 (Not sampled)		Oct 05, 2011 (Not sampled)		Oct 05, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 07, 2011 7:00 - 12:00		Oct 07, 2011 9:33 - 9:43				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP 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 major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 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		<2>Density 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	Oct 07, 2011 7:45 - 8:15		Oct 07, 2011 8:20 - 8:50		Oct 07, 2011 8:53 - 9:23		Oct 07, 2011 9:25 - 9:55		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3.3E-06	0.00	1.9E-07	0.00	1.8E-07	0.00	5.0E-08	0.00	2E-03
Cs-137 (about 30 years)	4.0E-06	0.00	2.5E-07	0.00	2.0E-07	0.00	4.6E-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. 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 NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 08, 2011 7:00 - 12:00		Oct 08, 2011 9:28 - 9:38				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 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				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 07, 2011 (Not sampled)		Oct 07, 2011 19:00 - 24:00				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 1.

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

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

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

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

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

[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		<2>Density 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	Oct 08, 2011 9:08 - 9:38		Oct 08, 2011 9:40 - 10:10		Oct 08, 2011 10:16 - 10:46		Oct 08, 2011 10:47 - 11:17		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 follow:

I-131: approx. 2E-8Bq/cm3, Cs-134: approx. 4E-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 NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 09, 2011 7:00 - 12:00		Oct 09, 2011 9:45 - 9:55				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP 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 major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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. 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 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		<2>Density 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	2011/10/9 7:10 - 7:40		2011/10/9 7:42 - 8:12		2011/10/9 8:14 - 8:44		2011/10/9 8:46 - 9:16		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	2.8E-07	0.00	1.5E-07	0.00	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	3.6E-07	0.00	1.7E-07	0.00	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

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

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

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 5E-8Bq/cm3, Cs-137: approx. 4E-8Bq/cm3

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

This is the result of nuclides analysis for aerial radioactive particles

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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 10, 2011 7:00 - 12:00		Oct 10, 2011 9:47 - 9:57				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 <1/2>

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 11, 2011 7:00 - 12:00		Oct 11, 2011 9:11 - 9:21				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	3.4E-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 1.

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

The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 Sites of Fukushima Nuclear Power Stations <2/2>

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 11, 2011 9:43am - 2:43pm		Oct 11, 2011 9:23am - 2:23pm		Oct 11, 2011 9:30am - 2:30pm		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3.0E-07	0.00	2.7E-07	0.00	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	3.0E-07	0.00	2.5E-07	0.00	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 follow:

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 5E-7Bq/cm3

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3

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

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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 12, 2011 7:00 - 12:00		Oct 12, 2011 9:50 - 10:00				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP are as follow:

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

Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 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		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 12, 2011 10:38 - 15:38		Oct 12, 2011 10:30 - 15:30		Oct 12, 2011 10:17 - 15:17		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 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 follow:

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

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

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

[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		<2>Density 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	Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 13, 2011 7:00 - 12:00		Oct 13, 2011 9:36 - 9:46				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 1.

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

The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follow:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3
Particulate: I-131: approx. 7E-8Bq/cm3

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 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		<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 13, 2011 10:06 - 15:06		Oct 13, 2011 10:14 - 15:14		Oct 13, 2011 10:19 - 15:19		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	5.2E-06	0.00	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	3.3E-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 1.

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 5E-6Bq/cm3

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

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

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

Place of Sampling	At the Surface of South seawall of Fukushima Daiichi		At the top of Mega Float located at Fukushima Daiichi				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 12, 2011 19:00 - 24:00		Oct 12, 2011 19:00 - 24:00				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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)	4.0E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

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

* 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:

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

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

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

[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		<2> Density limit by the announcement of Reactor Regulation (Bq/cm3) (the density limit in the water outside of surrounding monitored areas in the section 4 of the appendix 2)
Time of Sampling	Oct 13, 2011 8:27 - 8:57		Oct 13, 2011 8:58 - 9:28		Oct 13, 2011 9:44 - 10:14		Oct 13, 2011 10:15 - 10:45		
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	7.8E-08	0.00	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	1.4E-07	0.00	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 follow:

I-131: approx. 2E-8Bq/cm3, Cs-134: approx. 4E-8Bq/cm3, Cs-137: approx. 4E-8Bq/cm3

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

This is the result of nuclides analysis for aerial radioactive particles

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

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 14, 2011 7:00 - 12:00		Oct 14, 2011 9:22 - 9:32				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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)	7.1E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

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

* O.OE－O means O.O x 10-O

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

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

The detection limits of major three nuclide that are not detected at west gate of Fukushima Daiichi NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 Sites of Fukushima Nuclear Power Stations

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				<2>Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Time of Sampling	Oct 15, 2011 7:00 - 12:00		Oct 15, 2011 9:27 - 9:38				
Detected Nuclides (Half-life)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density of sample (Bq/cm3)	Scaling Factor (<1>/<2>)	<1>density 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 NPP are as follow:

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

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

The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPP 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 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	Oct 01, 2011 08:55 am		Oct 01, 2011 08:20 am		Oct 01, 2011 08:10 am		Oct 01, 2011 07:50 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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 Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

[Definite Report]Nuclide Analysis Results of Radioactive Materials in Seawater<offshore 2/5>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

[Definite Report]Nuclide Analysis Results of Radioactive Materials in Seawater<offshore 3/5>

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	Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

[Definite Report]Nuclide Analysis Results of Radioactive Materials in Seawater<offshore 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	Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)		Oct 01, 2011 (Not sampled)						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

[Definite Report]Nuclide Analysis Results of Radioactive Materials in Seawater<offshore 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	Oct 01, 2011 06:50 am		Oct 01, 2011 06:50 am										
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te-129 (approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	ND	-	ND	-									400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 02, 2011 08:40 am		Oct 02, 2011 08:20 am		Oct 02, 2011 08:10 am		Oct 02, 2011 07:45 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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 Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 02, 2011 10:05 am		Oct 02, 2011 10:05 am		Oct 02, 2011 09:35 am		Oct 02, 2011 09:35 am		Oct 02, 2011 09:05 am		Oct 02, 2011 09:05 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 02, 2011 08:20 am		Oct 02, 2011 08:20 am		Oct 02, 2011 07:45 am		Oct 02, 2011 07:45 am		Oct 02, 2011 07:10 am		Oct 02, 2011 07:10 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 03, 2011 08:50 am		Oct 03, 2011 08:30 am		Oct 03, 2011 08:25 am		Oct 03, 2011 07:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 03, 2011 (Not sampled)		Oct 03, 2011 (Not sampled)		Oct 03, 2011 (Not sampled)		Oct 03, 2011 (Not sampled)		Oct 03, 2011 07:15 am		Oct 03, 2011 07:15 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 03, 2011 (Not sampled)		Oct 03, 2011 (Not sampled)		Oct 03, 2011 07:35 am		Oct 03, 2011 07:35 am						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-					40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-					60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-					300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-					200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-					300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 3/4>

Place of Sampling	3 km offshore of North of Iwaki Upper layer		3 km offshore of North of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 03, 2011 06:55 am		Oct 03, 2011 06:55 am		Oct 03, 2011 06:25 am		Oct 03, 2011 06:25 am		Oct 03, 2011 05:30 am		Oct 03, 2011 05:30 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 03, 2011 05:50 am		Oct 03, 2011 05:50 am		Oct 03, 2011 06:10 am		Oct 03, 2011 06:10 am		Oct 03, 2011 05:55 am		Oct 03, 2011 05:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 04, 2011 08:45 am		Oct 04, 2011 08:25 am		Oct 04, 2011 08:25 am		Oct 04, 2011 08:00 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 1/4>

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 04, 2011 07:45 am		Oct 04, 2011 07:45 am		Oct 04, 2011 07:20 am		Oct 04, 2011 07:20 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 2/4>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 04, 2011 08:00 am		Oct 04, 2011 08:00 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 04, 2011 07:00 am		Oct 04, 2011 07:00 am		Oct 04, 2011 06:40 am		Oct 04, 2011 06:40 am		Oct 04, 2011 06:25 am		Oct 04, 2011 06:25 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 04, 2011 06:05 am		Oct 04, 2011 06:05 am										
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te-129 (approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	ND	-	ND	-									400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 05, 2011 10:20 am		Oct 05, 2011 09:55 am		Oct 05, 2011 08:25 am		Oct 05, 2011 07:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 1/4>

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 05, 2011 08:30 am		Oct 05, 2011 08:30 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 2/4>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 05, 2011 08:10 am		Oct 05, 2011 08:10 am		Oct 05, 2011 08:40 am		Oct 05, 2011 08:40 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 05, 2011 09:00 am		Oct 05, 2011 09:00 am		Oct 05, 2011 09:15 am		Oct 05, 2011 09:15 am		Oct 05, 2011 07:20 am		Oct 05, 2011 07:20 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 05, 2011 07:50 am		Oct 05, 2011 07:50 am		Oct 05, 2011 07:40 am		Oct 05, 2011 07:40 am						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 06, 2011 09:00 am		Oct 06, 2011 08:40 am		Oct 06, 2011 08:30 am		Oct 06, 2011 08:05 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 07, 2011 08:50 am		Oct 07, 2011 08:25 am		Oct 07, 2011 08:20 am		Oct 07, 2011 07:50 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density 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	Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)		Oct 07, 2011 (Not sampled)						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density 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	Oct 08, 2011 08:45 am		Oct 08, 2011 08:25 am		Oct 08, 2011 08:15 am		Oct 08, 2011 07:45 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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 Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 08, 2011 08:47 am		Oct 08, 2011 08:47 am		Oct 08, 2011 08:18 am		Oct 08, 2011 08:18 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 08, 2011 07:50 am		Oct 08, 2011 07:50 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 09, 2011 08:40 am		Oct 09, 2011 08:20 am		Oct 09, 2011 08:05 am		Oct 09, 2011 07:40 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 09, 2011 08:20 am		Oct 09, 2011 08:20 am		Oct 09, 2011 08:10 am		Oct 09, 2011 08:10 am		Oct 09, 2011 06:35 am		Oct 09, 2011 06:35 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 09, 2011 07:50 am		Oct 09, 2011 07:50 am		Oct 09, 2011 06:50 am		Oct 09, 2011 06:50 am						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 10, 2011 10:25 am		Oct 10, 2011 09:55 am		Oct 10, 2011 08:00 am		Oct 10, 2011 07:35 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 1/4>

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 10, 2011 (Not sampled)		Oct 10, 2011 (Not sampled)		Oct 10, 2011 08:30 am		Oct 10, 2011 08:30 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 2/4>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 10, 2011 08:05 am		Oct 10, 2011 08:05 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 3/4>

Place of Sampling	3 km offshore of North of Iwaki Upper layer		3 km offshore of North of Iwaki Lower layer		3 km offshore of Natsui river Upper layer		3 km offshore of Natsui river Lower layer		3 km offshore of Onahama port Upper layer		3 km offshore of Onahama port Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 10, 2011 05:05 am		Oct 10, 2011 05:05 am		Oct 10, 2011 05:30 am		Oct 10, 2011 05:30 am		Oct 10, 2011 05:50 am		Oct 10, 2011 05:50 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 10, 2011 06:20 am		Oct 10, 2011 06:20 am		Oct 10, 2011 05:40 am		Oct 10, 2011 05:40 am		Oct 10, 2011 05:55 am		Oct 10, 2011 05:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 11, 2011 08:40 am		Oct 11, 2011 08:20 am		Oct 11, 2011 08:25 am		Oct 11, 2011 07:50 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

[Definite Report]Nuclide Analysis Results of Seawater <Offshore 1/3>

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	Oct 11, 2011 08:50 am		Oct 11, 2011 08:50 am		Oct 11, 2011 08:35 am		Oct 11, 2011 08:35 am		Oct 11, 2011 06:55 am		Oct 11, 2011 06:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

[Definite Report]Nuclide Analysis Results of Seawater <Offshore 2/3>

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	Oct 11, 2011 08:20 am		Oct 11, 2011 08:20 am		Oct 11, 2011 07:20 am		Oct 11, 2011 07:20 am						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

[Definite Report]Nuclide Analysis Results of Seawater <Offshore 3/3>

Place of Sampling	3 km offshore of Souma City Upper layer		3 km offshore of Souma City Lower layer		5 km offshore of Souma City Upper layer		5 km offshore of Souma City Lower layer		5 km offshore of Kashima 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	Oct 11, 2011 07:25 am		Oct 11, 2011 07:25 am		Oct 11, 2011 07:10 am		Oct 11, 2011 07:10 am		Oct 11, 2011 06:50 am		Oct 11, 2011 06:50 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 12, 2011 09:30 am		Oct 12, 2011 08:50 am		Oct 12, 2011 08:25 am		Oct 12, 2011 08:00 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

[Definite Report]Nuclide Analysis Results of Seawater <Offshore 1/3>

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density 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 2/3>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		Oct 12, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density 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 3/3>

Place of Sampling	5km Offshore of Numanouchi Upper Layer		5km Offshore of Numanouchi Lower Layer										<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 12, 2011 08:00 am		Oct 12, 2011 08:00 am										
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te-129 (approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba-140 (approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	ND	-	ND	-									400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 13, 2011 08:50 am		Oct 13, 2011 08:30 am		Oct 13, 2011 08:40 am		Oct 13, 2011 08:00 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 1/4>

Place of Sampling	15 km offshore of Minami-Souma CityUpper layer		15 km offshore of Minami-Souma CityLower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 13, 2011 08:50 am		Oct 13, 2011 08:50 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<offshore 2/4>

Place of Sampling	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 13, 2011 06:50 am		Oct 13, 2011 06:50 am		Oct 13, 2011 06:30 am		Oct 13, 2011 06:30 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 13, 2011 09:10 am		Oct 13, 2011 09:10 am		Oct 13, 2011 09:25 am		Oct 13, 2011 09:25 am		Oct 13, 2011 07:25 am		Oct 13, 2011 07:25 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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<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	Oct 13, 2011 08:30 am		Oct 13, 2011 08:30 am		Oct 13, 2011 07:35 am		Oct 13, 2011 07:35 am						
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 14, 2011 08:50 am		Oct 14, 2011 08:30 am		Oct 14, 2011 08:25 am		Oct 14, 2011 07:55 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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 Upper layer		15 km offshore of Ukedo-gawa Lower layer		15 km offshore of Fukushima Daiichi Upper layer		15 km offshore of Fukushima Daiichi Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	N/A		N/A		Oct 14, 2011 11:00 am		Oct 14, 2011 11:00 am		Oct 14, 2011 10:20 am		Oct 14, 2011 10:20 am		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	approx. 15 km offshore of Fukushima Daini Upper Layer		approx. 15 km offshore of Fukushima Daini Lower Layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono-town Upper layer		15 km offshore of Hirono-town Lower layer		<2> Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 14, 2011 09:30 am		Oct 14, 2011 09:30 am		N/A		N/A		N/A		N/A		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: 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	Oct 15, 2011 08:40 am		Oct 15, 2011 08:20 am		Oct 15, 2011 (Not sampled)		Oct 15, 2011 (Not sampled)		
Detected Nuclides (Half-life)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	<1>Density of Sample (Bq/L)	Scaling Factor (<1>/<2>)	
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	300
Te-129 (approx.70mins)	ND	-	ND	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	300
Ba-140 (approx.13days)	ND	-	ND	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 01, 2011 07:04 am		Oct 01, 2011 07:12 am		Oct 01, 2011 07:18 am		Oct 01, 2011 07:21 am		Oct 01, 2011 07:28 am		Oct 01, 2011 07:32 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	70	1.2	110	1.8	130	2.2	74	1.2	190	3.2	60
Cs-137 (about 30 years)	ND	-	120	1.3	140	1.6	140	1.6	93	1.0	200	2.2	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 29Bq/L

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

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

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 01, 2011 07:38 am		Oct 01, 2011 07:42 am		Oct 01, 2011 07:45 am		Oct 01, 2011 07:48 am		Oct 01, 2011 07:56 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	310	5.2	800	13	170	2.8	250	4.2	120	2.0			60
Cs-137 (about 30 years)	410	4.6	960	11	210	2.3	290	3.2	160	1.8			90
Mn-54 (約310日)	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. 21Bq/L

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

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

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 02, 2011 06:58 am		Oct 02, 2011 07:05 am		Oct 02, 2011 07:08 am		Oct 02, 2011 07:15 am		Oct 02, 2011 07:22 am		Oct 02, 2011 07:26 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	100	1.7	44	0.73	100	1.7	51	0.85	140	2.3	60
Cs-137 (about 30 years)	ND	-	120	1.3	60	0.67	100	1.1	76	0.84	160	1.8	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	20	0.02	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 13Bq/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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 02, 2011 07:38 am		Oct 02, 2011 07:44 am		Oct 02, 2011 07:32 am		Oct 02, 2011 07:35 am		Oct 02, 2011 07:49 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	510	8.5	820	14	150	2.5	320	5.3	170	2.8			60
Cs-137 (about 30 years)	610	6.8	1,000	11	180	2.0	350	3.9	200	2.2			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 03, 2011 06:43 am		Oct 03, 2011 06:48 am		Oct 03, 2011 06:54 am		Oct 03, 2011 06:57 am		Oct 03, 2011 07:04 am		Oct 03, 2011 07:06 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	55	0.92	68	1.1	100	1.7	90	1.5	200	3.3	60
Cs-137 (about 30 years)	37	0.41	70	0.78	110	1.2	110	1.2	110	1.2	250	2.8	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	21	0.02	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 03, 2011 07:12 am		Oct 03, 2011 07:14 am		Oct 03, 2011 07:20 am		Oct 03, 2011 07:23 am		Oct 03, 2011 07:28 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	190	3.2	740	12	270	4.5	270	4.5	100	1.7			60
Cs-137 (about 30 years)	220	2.4	890	9.9	280	3.1	290	3.2	120	1.3			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 04, 2011 06:56 am		Oct 04, 2011 07:03 am		Oct 04, 2011 07:10 am		Oct 04, 2011 07:13 am		Oct 04, 2011 07:18 am		Oct 04, 2011 07:25 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	35	0.58	54	0.90	53	0.88	68	1.1	120	2.0	260	4.3	60
Cs-137 (about 30 years)	32	0.36	49	0.54	88	0.98	110	1.2	170	1.9	280	3.1	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	23	0.02	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 04, 2011 07:30 am		Oct 04, 2011 07:33 am		Oct 04, 2011 07:38 am		Oct 04, 2011 07:43 am		Oct 04, 2011 07:48 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	240	4.0	750	13	130	2.2	190	3.2	110	1.8			60
Cs-137 (about 30 years)	290	3.2	840	9.3	190	2.1	200	2.2	130	1.4			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 05, 2011 07:05 am		Oct 05, 2011 07:15 am		Oct 05, 2011 07:19 am		Oct 05, 2011 07:23 am		Oct 05, 2011 07:31 am		Oct 05, 2011 07:34 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	22	0.37	44	0.73	35	0.58	ND	-	240	4.0	60
Cs-137 (about 30 years)	34	0.38	36	0.40	46	0.51	48	0.53	54	0.60	280	3.1	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	25	0.03	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 15Bq/L, Cs-134: approx. 23Bq/L

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

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

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 05, 2011 07:40 am		Oct 05, 2011 07:46 am		Oct 05, 2011 07:40 am		Oct 05, 2011 07:46 am		Oct 05, 2011 07:52 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	88	1.5	610	10	90	1.5	78	1.3	45	0.75			60
Cs-137 (about 30 years)	100	1.1	750	8.3	110	1.2	87	0.97	72	0.80			90
Mn-54 (約310日)	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. 19Bq/L

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

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

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 06, 2011 07:15 am		Oct 06, 2011 07:25 am		Oct 06, 2011 07:31 am		Oct 06, 2011 07:35 am		Oct 06, 2011 07:41 am		Oct 06, 2011 07:45 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	120	2.0	72	1.2	61	1.0	83	1.4	73	1.2	96	1.6	60
Cs-137 (about 30 years)	180	2.0	78	0.87	80	0.89	80	0.89	100	1.1	130	1.4	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	7.5	0.01	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 06, 2011 07:49 am		Oct 06, 2011 07:52 am		Oct 06, 2011 07:55 am		Oct 06, 2011 07:58 am		Oct 06, 2011 08:03 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	60	1.0	950	16	220	3.7	400	6.7	81	1.4			60
Cs-137 (about 30 years)	110	1.2	1,100	12	300	3.3	530	5.9	120	1.3			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 07, 2011 06:35 am		Oct 07, 2011 06:42 am		Oct 07, 2011 06:48 am		Oct 07, 2011 06:51 am		Oct 07, 2011 06:54 am		Oct 07, 2011 06:57 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	50	0.83	93	1.6	72	1.2	110	1.8	61	1.0	92	1.5	60
Cs-137 (about 30 years)	68	0.76	120	1.3	80	0.89	130	1.4	60	0.67	110	1.2	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 07, 2011 07:02 am		Oct 07, 2011 07:05 am		Oct 07, 2011 07:07 am		Oct 07, 2011 07:10 am		Oct 07, 2011 07:16 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	91	1.5	1,000	17	140	2.3	340	5.7	130	2.2			60
Cs-137 (about 30 years)	110	1.2	1,300	14	170	1.9	450	5.0	170	1.9			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 08, 2011 06:38 am		Oct 08, 2011 06:45 am		Oct 08, 2011 06:51 am		Oct 08, 2011 06:54 am		Oct 08, 2011 06:58 am		Oct 08, 2011 07:05 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	130	2.2	120	2.0	120	2.0	140	2.3	320	5.3	60
Cs-137 (about 30 years)	ND	-	160	1.8	130	1.4	130	1.4	200	2.2	400	4.4	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 19Bq/L, Cs-134: approx. 22Bq/L, Cs-137: approx. 25Bq/L

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

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

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 08, 2011 07:09 am		Oct 08, 2011 07:13 am		Oct 08, 2011 07:17 am		Oct 08, 2011 07:20 am		Oct 08, 2011 07:25 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	500	8.3	1,200	20	150	2.5	360	6.0	170	2.8			60
Cs-137 (about 30 years)	580	6.4	1,400	16	160	1.8	440	4.9	220	2.4			90
Mn-54 (約310日)	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. 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 09, 2011 07:12 am		Oct 09, 2011 07:22 am		Oct 09, 2011 07:28 am		Oct 09, 2011 07:30 am		Oct 09, 2011 07:35 am		Oct 09, 2011 07:37 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	100	1.7	71	1.2	97	1.6	130	2.2	320	5.3	60
Cs-137 (about 30 years)	30	0.33	110	1.2	100	1.1	91	1.0	150	1.7	380	4.2	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	9.3	0.01	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 17Bq/L, Cs-134: approx. 23Bq/L

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

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

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 09, 2011 07:46 am		Oct 09, 2011 07:49 am		Oct 09, 2011 07:47 am		Oct 09, 2011 07:50 am		Oct 09, 2011 07:57 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	780	13	1,200	20	270	4.5	310	5.2	170	2.8			60
Cs-137 (about 30 years)	900	10	1,500	17	360	4.0	350	3.9	190	2.1			90
Mn-54 (約310日)	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. 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 10, 2011 07:23 am		Oct 10, 2011 07:31 am		Oct 10, 2011 07:50 am		Oct 10, 2011 07:50 am		Oct 10, 2011 07:55 am		Oct 10, 2011 07:59 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	86	1.4	86	1.4	110	1.8	110	1.8	450	7.5	60
Cs-137 (about 30 years)	30	0.33	88	0.98	130	1.4	140	1.6	130	1.4	520	5.8	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	17	0.02	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 20Bq/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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 10, 2011 08:04 am		Oct 10, 2011 08:07 am		Oct 10, 2011 08:04 am		Oct 10, 2011 08:07 am		Oct 10, 2011 08:13 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	520	8.7	1,200	20	230	3.8	230	3.8	130	2.2			60
Cs-137 (about 30 years)	600	6.7	1,400	16	270	3.0	290	3.2	200	2.2			90
Mn-54 (約310日)	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. 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 11, 2011 06:37 am		Oct 11, 2011 06:44 am		Oct 11, 2011 06:48 am		Oct 11, 2011 06:48 am		Oct 11, 2011 06:56 am		Oct 11, 2011 06:58 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	30	0.50	80	1.3	120	2.0	160	2.7	110	1.8	380	6.3	60
Cs-137 (about 30 years)	ND	-	130	1.4	130	1.4	180	2.0	140	1.6	440	4.9	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 19Bq/L, Cs-137: approx. 24Bq/L

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

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

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 11, 2011 07:05 am		Oct 11, 2011 07:08 am		Oct 11, 2011 07:05 am		Oct 11, 2011 07:08 am		Oct 11, 2011 07:14 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	460	7.7	1,100	18	180	3.0	280	4.7	200	3.3			60
Cs-137 (about 30 years)	560	6.2	1,400	16	240	2.7	300	3.3	210	2.3			90
Mn-54 (約310日)	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. 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 12, 2011 06:49 am		Oct 12, 2011 06:57 am		Oct 12, 2011 07:04 am		Oct 12, 2011 07:05 am		Oct 12, 2011 07:09 am		Oct 12, 2011 07:12 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	61	1.0	120	2.0	120	2.0	160	2.7	300	5.0	60
Cs-137 (about 30 years)	ND	-	78	0.87	140	1.6	160	1.8	170	1.9	370	4.1	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	8.7	0.01	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 16Bq/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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 12, 2011 07:19 am		Oct 12, 2011 07:22 am		Oct 12, 2011 07:20 am		Oct 12, 2011 07:23 am		Oct 12, 2011 07:27 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	1,100	18	1,000	17	280	4.7	270	4.5	170	2.8			60
Cs-137 (about 30 years)	1,300	14	1,200	13	350	3.9	330	3.7	210	2.3			90
Mn-54 (約310日)	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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 13, 2011 06:23 am		Oct 13, 2011 06:29 am		Oct 13, 2011 06:30 am		Oct 13, 2011 06:33 am		Oct 13, 2011 06:39 am		Oct 13, 2011 06:42 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	44	0.73	110	1.8	86	1.4	130	2.2	170	2.8	290	4.8	60
Cs-137 (about 30 years)	55	0.61	130	1.4	150	1.7	150	1.7	190	2.1	350	3.9	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 13, 2011 06:46 am		Oct 13, 2011 06:48 am		Oct 13, 2011 06:50 am		Oct 13, 2011 06:52 am		Oct 13, 2011 06:54 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	490	8.2	320	5.3	120	2.0	290	4.8	130	2.2			60
Cs-137 (about 30 years)	570	6.3	360	4.0	140	1.6	290	3.2	160	1.8			90
Mn-54 (約310日)	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. 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜1/2＞

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 14, 2011 06:25 am		Oct 14, 2011 06:32 am		Oct 14, 2011 06:40 am		Oct 14, 2011 06:42 am		Oct 14, 2011 06:46 am		Oct 14, 2011 06:50 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	23	0.38	120	2.0	100	1.7	130	2.2	190	3.2	390	6.5	60
Cs-137 (about 30 years)	39	0.43	130	1.4	140	1.6	160	1.8	220	2.4	470	5.2	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	14	0.01	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 14, 2011 06:54 am		Oct 14, 2011 06:56 am		Oct 14, 2011 06:58 am		Oct 14, 2011 07:00 am		Oct 14, 2011 07:04 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	450	7.5	1,400	23	280	4.7	320	5.3	140	2.3			60
Cs-137 (about 30 years)	560	6.2	1,600	18	320	3.6	380	4.2	160	1.8			90
Mn-54 (約310日)	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. 31Bq/L

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

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

Place of Sampling	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Units 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 15, 2011 06:37 am		Oct 15, 2011 06:44 am		Oct 15, 2011 06:46 am		Oct 15, 2011 06:49 am		Oct 15, 2011 06:56 am		Oct 15, 2011 06:58 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	31	0.52	100	1.7	120	2.0	140	2.3	95	1.6	360	6.0	60
Cs-137 (about 30 years)	65	0.72	130	1.4	120	1.3	160	1.8	100	1.1	390	4.3	90
Mn-54 (約310日)	ND	-	ND	-	ND	-	ND	-	ND	-	14	0.01	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as 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】 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Nuclide Analysis Results of Radioactive Materials in Seawater＜2/2＞

Place of Sampling	Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal				②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside
Time of Sampling	Oct 15, 2011 07:00 am		Oct 15, 2011 07:01 am		Oct 15, 2011 07:10 am		Oct 15, 2011 07:13 am		Oct 15, 2011 07:14 am				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-			40
Cs-134 (about 2 years)	110	1.8	530	8.8	80	1.3	240	4.0	43	0.72			60
Cs-137 (about 30 years)	100	1.1	620	6.9	89	0.99	300	3.3	48	0.53			90
Mn-54 (約310日)	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. 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】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	2011/10/3 9:25	2011/10/3 9:30	2011/10/3 9:35	2011/10/3 10:03	2011/10/3 9:20	2011/10/3 9:15	2011/10/3 9:00
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	6.8E-01	1.1E+00	8.5E-02	9.0E-02	ND	ND	ND
Cs-137 (about 30 years)	8.6E-01	1.4E+00	1.1E-01	8.2E-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.40hours)	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 the three undetected nuclides

I-131:approx. 3E-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	2011/10/5 10:55	2011/10/5 11:05	2011/10/5 11:20	2011/10/5 9:52	2011/10/5 10:50	2011/10/5 10:40	2011/10/5 12:30
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)	6.6E-01	1.3E+00	4.2E-02	3.6E-02	ND	ND	ND
Cs-137 (about 30 years)	8.3E-01	1.7E+00	4.5E-02	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.40hours)	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 the three undetected nuclides

I-131:approx. 3E-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	2011/10/7 10:35	2011/10/7 10:40	2011/10/7 10:45	2011/10/7 9:37	2011/10/7 10:30	2011/10/7 9:50	2011/10/7 9:35
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.6E+00	1.2E+00	6.1E-02	5.4E-02	ND	ND	ND
Cs-137 (about 30 years)	3.5E+00	1.5E+00	7.8E-02	4.4E-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)	8.3E-02	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. 40hours）	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 the three undetected nuclides

I-131:approx. 4E-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	2011/10/10 11:55	2011/10/10 12:00	2011/10/10 12:05	2011/10/10 9:41	2011/10/10 11:30	2011/10/10 11:45	2011/10/10 9:40
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.6E+00	7.6E-01	8.1E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	3.5E+00	1.0E+00	7.9E-02	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	6.8E-02	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. 40hours）	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 the three undetected nuclides

I-131:approx. 4E-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	2011/10/12 10:13	2011/10/12 10:17	2011/10/12 10:22	2011/10/12 9:44	2011/10/12 10:10	2011/10/12 10:05	2011/10/12 8:30
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)	9.3E-01	8.1E-01	5.7E-02	1.4E-01	ND	ND	ND
Cs-137 (about 30 years)	1.3E+00	1.0E+00	5.9E-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. 40hours）	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 the three undetected nuclides

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

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

【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	2011/10/14 10:25	2011/10/14 10:30	2011/10/14 10:35	2011/10/14 9:45	2011/10/14 10:15	2011/10/14 10:10	2011/10/14 9:50
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	8.4E-01	8.6E-01	2.4E-01	ND	ND	ND	ND
Cs-137 (about 30 years)	1.1E+00	1.1E+00	3.2E-01	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. 40hours）	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 the three undetected nuclides

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

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

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/1 10:57	2011/10/1 11:01	2011/10/1 11:04	2011/10/1 11:17	N/A	2011/10/1 11:13	2011/10/1 11:22	2011/10/1 11:08
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)	8.8E-02	ND	ND	ND	-	1.7E-01	7.6E-02	ND
Cs-137 (about 30 years)	1.1E-01	ND	ND	ND	-	2.2E-01	7.8E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected nuclides
l-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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/2 10:50	2011/10/2 10:55	2011/10/2 10:58	2011/10/2 11:09	N/A	2011/10/2 11:07	2011/10/2 11:15	2011/10/2 11:02
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)	1.0E-01	ND	ND	ND	-	1.9E-01	6.1E-02	ND
Cs-137 (about 30 years)	1.1E-01	ND	ND	ND	-	2.4E-01	6.7E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected nuclides
l-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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/3 10:03	2011/10/3 9:58	2011/10/3 10:07	2011/10/3 10:22	2011/10/3 10:15	2011/10/3 10:19	2011/10/3 10:27	2011/10/3 10:11
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)	9.0E-02	ND	ND	ND	ND	3.3E-01	5.3E-02	ND
Cs-137 (about 30 years)	8.2E-02	ND	ND	ND	ND	3.7E-01	7.8E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/4 9:50	2011/10/4 9:55	2011/10/4 10:00	2011/10/4 10:13	N/A	2011/10/4 10:10	2011/10/4 10:18	2011/10/4 10:05
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)	4.6E-02	ND	ND	2.9E-02	-	4.3E-01	ND	ND
Cs-137 (about 30 years)	4.9E-02	ND	ND	3.9E-02	-	5.5E-01	3.2E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected nuclides
l-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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/5 9:52	2011/10/5 9:58	2011/10/5 10:04	2011/10/5 10:17	N/A	2011/10/5 10:13	2011/10/5 10:21	2011/10/5 10:08
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)	3.6E-02	ND	ND	ND	-	3.7E-01	ND	ND
Cs-137 (about 30 years)	4.0E-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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/6 9:52	2011/10/6 9:58	2011/10/6 10:03	2011/10/6 10:17	N/A	2011/10/6 10:11	2011/10/6 10:22	2011/10/6 10:07
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)	6.0E-02	ND	ND	ND	-	3.4E-01	ND	ND
Cs-137 (about 30 years)	8.1E-02	ND	ND	ND	-	3.7E-01	3.8E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/7 9:37	2011/10/7 9:42	2011/10/7 9:46	2011/10/7 9:59	N/A	2011/10/7 9:56	2011/10/7 10:04	2011/10/7 9:52
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)	5.4E-02	ND	ND	ND	-	3.7E-01	ND	ND
Cs-137 (about 30 years)	4.4E-02	ND	ND	ND	-	4.1E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/8 10:05	2011/10/8 10:14	2011/10/8 10:18	2011/10/8 10:30	N/A	2011/10/8 10:27	2011/10/8 10:34	2011/10/8 10:22
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)	5.8E-02	ND	ND	ND	-	3.9E-01	2.4E-02	ND
Cs-137 (about 30 years)	6.5E-02	ND	ND	3.1E-02	-	4.2E-01	2.9E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/9 9:35	2011/10/9 9:42	2011/10/9 9:46	2011/10/9 9:59	N/A	2011/10/9 9:55	2011/10/9 10:03	2011/10/9 9:50
Detected Nuclides (Half-life)	density of sample （Bq/cm3)							
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-134 (about 2 years)	ND	ND	ND	ND	-	4.4E-01	2.8E-02	ND
Cs-137 (about 30 years)	7.1E-02	ND	ND	ND	-	5.0E-01	3.7E-02	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/10 9:41	2011/10/10 9:49	2011/10/10 9:52	2011/10/10 10:08	2011/10/10 10:00	2011/10/10 10:05	2011/10/10 10:12	2011/10/10 9:57
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	2.3E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	3.3E-02	ND	3.0E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND	ND

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

"ND" means the sampled data is below measurable limit.
The followings show the detection limits of the three undetected nuclides
I-131:approx. 2E-2Bq/cm3, Cs-134:approx.2E-2Bq/cm3, Cs-137:approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/11 9:33	2011/10/11 9:38	2011/10/11 9:43	2011/10/11 9:57	N/A	2011/10/11 9:53	2011/10/11 10:01	2011/10/11 9:48
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	-	3.7E-01	3.3E-02	ND
Cs-137 (about 30 years)	3.3E-02	ND	ND	ND	-	4.1E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

* 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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/12 9:44	2011/10/12 9:51	2011/10/12 9:56	2011/10/12 10:12	N/A	2011/10/12 10:07	2011/10/12 10:17	2011/10/12 10:02
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)	1.4E-01	ND	ND	2.8E-02	-	7.0E-01	ND	ND
Cs-137 (about 30 years)	1.2E-01	ND	ND	2.6E-02	-	8.1E-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×**10**-O.

"ND" means the sampled data is below measurable limit.
The followings show the detection limits of the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/13 9:52	2011/10/13 10:04	2011/10/13 10:07	2011/10/13 10:20	N/A	2011/10/13 10:17	2011/10/13 10:24	2011/10/13 10:12
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)	2.5E-02	ND	ND	2.6E-02	-	3.6E-01	2.6E-02	ND
Cs-137 (about 30 years)	ND	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 the three undetected nuclides
I-131:approx. 2E-2Bq/cm3, Cs-134:approx.2E-2Bq/cm3, Cs-137:approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	South East Turbine Building 4U Fukushima Daiichi NPS	North East of process main building fukushima Daiichi NPS	South East of process main building fukushima Daiichi NPS	South of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southwest part of On-site Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/14 9:45	2011/10/14 9:51	2011/10/14 9:55	2011/10/14 10:10	N/A	2011/10/14 10:07	2011/10/14 10:15	2011/10/14 10:01
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	-	2.9E-01	ND	ND
Cs-137 (about 30 years)	ND	ND	ND	3.2E-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 the three undetected 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 of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of On-site Bunker Building Fukushima Daiichi NPS
Time of Sampling	2011/10/15 9:38	2011/10/15 9:45	2011/10/15 9:51	2011/10/15 10:04	N/A	2011/10/15 10:01	2011/10/15 10:09	2011/10/15 9:56
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	3.8E-02	-	3.6E-01	2.5E-02	ND
Cs-137 (about 30 years)	ND	ND	ND	3.8E-02	-	4.3E-01	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND

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

"ND" means the sampled data is below measurable limit.
The followings show the detection limits of the three undetected nuclides
l-131:approx. 2E-2Bq/cm3, Cs-134:approx.2E-2Bq/cm3, Cs-137:approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 04, 2011 07:58 am		Oct 04, 2011 07:56 am		Oct 05, 2011 08:28 am		Oct 05, 2011 08:26 am		Oct 05, 2011 01:46 pm		Oct 05, 2011 01:43 pm		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follow: 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＜Offshore of Ibaraki Prefecture 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 04, 2011 01:47 pm		Oct 04, 2011 01:45 pm		Oct 04, 2011 07:59 am		Oct 04, 2011 07:58 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follow: 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＜Offshore of Ibaraki Prefecture 1/2＞

Place of Sampling	3 km offshore of Takadokobama shore Upper Layer		3 km offshore of Takadokobama shore Lower Layer		3 km offshore of Kujihama shore Upper Layer		3 km offshore of Kujihama shore Lower Layer		3 km offshore of Oarai shore Upper Layer		3 km offshore of Oarai shore Lower Layer		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 12, 2011 07:38 am		Oct 12, 2011 07:36 am		Oct 13, 2011 08:31 am		Oct 13, 2011 08:28 am		Oct 13, 2011 01:23 pm		Oct 13, 2011 01:21 pm		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follow: 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＜Offshore of Ibaraki Prefecture 2/2＞

Place of Sampling	3 km offshore of Hirai shore Upper Layer		3 km offshore of Hirai shore Lower Layer		3 km offshore of Hasaki shore Upper Layer		3 km offshore of Hasaki shore Lower Layer						② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Oct 12, 2011 01:17 pm		Oct 12, 2011 01:13 pm		Oct 12, 2011 07:38 am		Oct 12, 2011 07:35 am						
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-					300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-					400

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

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

* "ND" means the sampled data is below measurable limit of radioactive material in seawater. The detection limits of major three nuclide that are not detected are as follow: 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＜Miyagi offshore 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	Oct 11, 2011 11:09 am		Oct 11, 2011 11:16 am		Oct 11, 2011 11:11 am		Oct 11, 2011 08:24 am		Oct 11, 2011 08:44 am		Oct 11, 2011 08:36 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: 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＜Miyagi offshore 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	Oct 11, 2011 09:22 am		Oct 11, 2011 09:35 am		Oct 11, 2011 09:25 am		Oct 11, 2011 09:35 am		Oct 11, 2011 09:27 am		Oct 11, 2011 09:19 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: 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＜Miyagi offshore 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	Oct 11, 2011 08:41 am		Oct 11, 2011 08:34 am		Oct 11, 2011 08:25 am		Oct 11, 2011 07:28 am		Oct 11, 2011 07:23 am		Oct 11, 2011 07:14 am		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 （approx. 66hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 （approx. 40hrs）	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follow: 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	shallow draft quay				
Time of Sampling	Oct 04, 2011 11:00 am				
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND				
Cs-134 (about 2 years)	75,000				
Cs-137 (about 30 years)	92,000				
Mn-54 (approx.310days)	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 detection limits of major three nuclide that are not detected are as follow: I-131: approx. 160Bq/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<1/2>

Place of Sampling	Iwasawa offshore 3km	8km offshore of Iwasawa shore	Iwasawa Seashoreoffshore 15km	15 km offshore of Hirono-town	3 km offshore of Onahama Port
Time of Sampling	Oct 07, 2011 (Not sampled)	Oct 07, 2011 (Not sampled)	Oct 07, 2011 (Not sampled)	Oct 07, 2011 (Not sampled)	Oct 07, 2011 05:45 am
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	-	-	-	-	ND
Cs-134 (about 2 years)	-	-	-	-	160
Cs-137 (about 30 years)	-	-	-	-	210
Mn-54 (approx.310days)	-	-	-	-	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 detection limits of major three nuclide that are not detected are as follow: I-131: approx. 5Bq/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<2/2>

Place of Sampling	3 km offshore of Ena Port	5 km offshore of Numanouchi			
Time of Sampling	Oct 07, 2011 06:20 am	Oct 07, 2011 (Not sampled)			
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	-			
Cs-134 (about 2 years)	820	-			
Cs-137 (about 30 years)	960	-			
Mn-54 (approx.310days)	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 detection limits of major three nuclide that are not detected are as follow: 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	3km offshore of North of Iwaki City	3km offshore of Natsui River	3 km offshore of Numanouchi	3km offshore of Toyoma	
Time of Sampling	Oct 10, 2011 05:15 am	Oct 10, 2011 05:45 am	Oct 10, 2011 06:03 am	Oct 10, 2011 06:25 am	
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	ND	ND	ND	
Cs-134 (about 2 years)	250	110	230	250	
Cs-137 (about 30 years)	300	130	270	290	
Mn-54 (approx.310days)	3.9	ND	ND	3.0	
Co-60 (approx.5yrs)	ND	ND	ND	ND	
Tc-99m (approx.6hrs)	ND	ND	ND	ND	
Ag-110m (approx.250days)	ND	ND	ND	ND	
Te-129 (approx.70mins)	ND	ND	ND	ND	
Te-129m (approx.34days)	ND	ND	ND	ND	
Cs-136 (approx.13days)	ND	ND	ND	ND	
Ba-140 (approx.13days)	ND	ND	ND	ND	
La-140 (approx.40hrs)	ND	ND	ND	ND	

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 5Bq/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	3km offshore of Soma city	5km offshore of Soma city	5km offshore of Kashima		
Time of Sampling	Oct 11, 2011 07:05 am	Oct 11, 2011 06:35 am	Oct 11, 2011 06:10 am		
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	ND	ND		
Cs-134 (about 2 years)	1,100	90	44		
Cs-137 (about 30 years)	1,300	120	54		
Mn-54 (approx.310days)	ND	ND	ND		
Co-60 (approx.5yrs)	ND	ND	ND		
Tc-99m (approx.6hrs)	ND	ND	ND		
Ag-110m (approx.250days)	ND	ND	ND		
Te-129 (approx.70mins)	ND	ND	ND		
Te-129m (approx.34days)	ND	ND	ND		
Cs-136 (approx.13days)	ND	ND	ND		
Ba-140 (approx.13days)	ND	ND	ND		
La-140 (approx.40hrs)	ND	ND	ND		

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 15Bq/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<1/2>

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)	Around South Discharge Channel of 1F (1-4u Discharge Channel)	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)	15km offshore of Minami Soma city
Time of Sampling	Oct 12, 2011 09:30 am	Oct 12, 2011 09:10 am	Oct 12, 2011 (Not sampled)	Oct 12, 2011 08:00 am	Oct 12, 2011 (Not sampled)
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	ND	-	ND	-
Cs-134 (about 2 years)	2,000	1,800	-	160	-
Cs-137 (about 30 years)	2,300	2,200	-	190	-
Mn-54 (approx.310days)	ND	9.6	-	ND	-
Co-60 (approx.5yrs)	ND	ND	-	ND	-
Tc-99m (approx.6hrs)	ND	ND	-	ND	-
Ag-110m (approx.250days)	ND	ND	-	ND	-
Te-129 (approx.70mins)	ND	ND	-	ND	-
Te-129m (approx.34days)	ND	ND	-	ND	-
Cs-136 (approx.13days)	ND	ND	-	ND	-
Ba-140 (approx.13days)	ND	ND	-	ND	-
La-140 (approx.40hrs)	ND	ND	-	ND	-

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 13Bq/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<2/2>

Place of Sampling	Iwasawa Seashoreoffshore 15km	15 km offshore of Hirono-town			
Time of Sampling	Oct 12, 2011 (Not sampled)	Oct 12, 2011 (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 (approx.310days)	-	-			
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<1/2>

Place of Sampling	8km offshore of Haramachi-ku	3km offshore of Kotaka-ku	8km offshore of Odaka-ku	15km offshore of Minami Soma city	Iwasawa Seashoreoffshore 15km
Time of Sampling	Oct 13, 2011 12:30 pm	Oct 13, 2011 12:50 pm	Oct 13, 2011 01:15 pm	Oct 13, 2011 11:50 am	Oct 13, 2011 (Not sampled)
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND	ND	ND	ND	-
Cs-134 (about 2 years)	37	50	37	18	-
Cs-137 (about 30 years)	42	59	45	19	-
Mn-54 (approx.310days)	ND	ND	ND	ND	-
Co-60 (approx.5yrs)	ND	ND	ND	ND	-
Tc-99m (approx.6hrs)	ND	ND	ND	ND	-
Ag-110m (approx.250days)	ND	ND	ND	ND	-
Te-129 (approx.70mins)	ND	ND	ND	ND	-
Te-129m (approx.34days)	ND	ND	ND	ND	-
Cs-136 (approx.13days)	ND	ND	ND	ND	-
Ba-140 (approx.13days)	ND	ND	ND	ND	-
La-140 (approx.40hrs)	ND	ND	ND	ND	-

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 3Bq/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＜2/2＞

Place of Sampling	15 km offshore of Hirono-town	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)			
Time of Sampling	Oct 13, 2011 (Not sampled)	Oct 13, 2011 (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 (approx.310days)	-	-			
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<1/2>

Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	15 km offshore of Ukedo-gawa	15 km offshore of Fukushima Daiichi	15 km offshore of Fukushima Daini	Iwasawa Seashoreoffshore 15km
Time of Sampling	Oct 14, 2011 (Not sampled)	Oct 14, 2011 11:00 am	Oct 14, 2011 10:20 am	Oct 14, 2011 09:30 am	Oct 14, 2011 09:00 am
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	-	ND	ND	ND	ND
Cs-134 (about 2 years)	-	32	200	120	7.1
Cs-137 (about 30 years)	-	43	250	140	11
Mn-54 (approx.310days)	-	ND	ND	ND	ND
Co-60 (approx.5yrs)	-	ND	ND	ND	ND
Tc-99m (approx.6hrs)	-	ND	ND	ND	ND
Ag-110m (approx.250days)	-	ND	ND	ND	ND
Te-129 (approx.70mins)	-	ND	ND	ND	ND
Te-129m (approx.34days)	-	ND	ND	ND	ND
Cs-136 (approx.13days)	-	ND	ND	ND	ND
Ba-140 (approx.13days)	-	ND	ND	ND	ND
La-140 (approx.40hrs)	-	ND	ND	ND	ND

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 5Bq/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<2/2>

Place of Sampling	15 km offshore of Hirono-town				
Time of Sampling	Oct 14, 2011 07:40 am				
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND				
Cs-134 (about 2 years)	27				
Cs-137 (about 30 years)	35				
Mn-54 (approx.310days)	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 detection limits of major three nuclide that are not detected are as follow: 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.