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

Place of Sampling	West Gate o Dai		MP-1 of Fuki (Refei	ushima Daini rence)			Density limit in the air to	
Time of Sampling	2011/9/1 7	:00 ~ 12:00	2011/9/1	9:26 ~ 9:36			workers engaged in tasks	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*	
I-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	ND	-	ND	-			2E-03	
Cs-137 (about 30 years)	2.4E-07	0.00	ND	-			3E-03	
Nb-95 (approx.35days)	ND	-	ND	-			2E-02	
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01	
Ag-110m (approx.250days)	ND	-	ND	1			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.

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

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

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

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*} 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".

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

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

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

^{*} O.OE - O means O.O x 10-O

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

Place of Sampling	West Gate o Dai	f Fukushima ichi	MP-1 of Fuki (Refer				Density limit in the air to
Time of Sampling	2011/9/2 7:	:00 ~ 12:00	2011/9/2 9	:05 ~ 9:14			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

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

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

^{*} O.OE - O means O.O x 10-O

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

Place of Sampling		urface of eawall of na Daiichi	At the top of Mega Float located at Fukushima Daiichi		2km-3km o Fukushim on th	na Daiichi	Density limit in the air to workers engaged in tasks associated with
Time of Sampling	2011 Sep 2 (Not sampled)	2011 Sep 2	(Not sampled)	N/A		
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	radiation (Bq/cm3) *
I-131 (about 8 days)	-	-	-	-	=	-	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)	-	-	1	-	-	-	4E-01
Te-129m (approx.34days)	-	-	1	-	-	-	4E-03
I-132 (approx.2hrs)	-	-	-	-	-	-	7E-02
(approx.78hrs	-	-	-	-	=	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	=	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	1E-02

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

^{*} O.OE - O means O.O x 10-O

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

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

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

Place of Sampling	West Gate o Dai	f Fukushima ichi	MP-1 of Fuki (Refer				Density limit in the air to
Time of Sampling	2011/9/4 7:	00 ~ 12:00	2011/9/4	9:22 ~ 9:32			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	1			3E-03
Nb-95 (approx.35days)	ND	-	ND	1			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.

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

^{*} O.OE - O means O.O x 10-O

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

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

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

Place of Sampling	West Gate o Dai		MP-1 of Fukt (Refer				Density limit in the air to
Time of Sampling	2011/9/5 7	:00 ~ 12:00	2011/9/5	9:31 ~ 9:41			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	2.4E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	=	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

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

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

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

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

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

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

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

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

【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		located at	At the top of Mega Float located at Fukushima Daiichi		offshore of na Daiichi e sea	Density limit in the air to workers engaged in tasks
Time of Sampling	2011 Sep 5 (2011 Sep 5 (Not sampled)		2011 Sep 5 (Not sampled)		/A	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
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)	1	-	-	-	1	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	3E-03
Te-129 (approx.70mins)	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	4E-03
I-132 (approx.2hrs)	1	-	-	-	1	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	1E-02

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

^{*} O.OE - O means O.O x 10-O

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

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

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

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

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*} O.OE - O means O.O x 10-O

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

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

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

			ī		•		
Place of Sampling	Fukushima I	Daiichi MP-1	Fukushima [Daiichi MP-3	Fukushima I	Daiichi MP-8	Density limit in the air to
Time of Sampling	2011/9/6 9):46 ~ 14:46	2011/9/6 10):12 ~ 15:12	2011 Sep 6 (Not sampled)	workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	-	-	1E-03
Cs-134 (about 2 years)	ND	1	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.

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

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

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

【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	seawall of	ace of South Fukushima ichi	located a	of Mega Float t Fukushima ichi	Fukushin	offshore of na Daiichi e sea	Density limit in the air to workers engaged
Time of Sampling	N/A		٨	I/A	2011 Sep 6 (Not sampled)	in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	3E-03
Te-129 (approx.70mins)	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	4E-03
I-132 (approx.2hrs)	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	4E-03
I-133 (approx.21hrs)	-	-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	1E-02

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

^{*} O.OE - O means O.O x 10-O

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

Place of Sampling	West Gate of Fukushima Daiichi		MP-1 of Fuki (Refe				Density limit in the air to
Time of Sampling	2011/9/7 7	7:00 ~ 12:00	2011/9/7	9:26 ~ 9:36			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	1			2E-03
Cs-137 (about 30 years)	ND	-	ND	ı			3E-03
Nb-95 (approx.35days)	ND	-	ND	ı			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.

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

Volatile: I-131: approx. 2E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3

Detection limits of 3 nuclides on MP-1 of Fukushima Daini are as follows:

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 4E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*} O.OE - O means O.O x 10-O

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

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

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

Place of Sampling	Fukushima [Daiichi MP-1	Fukushima [Daiichi MP-3	Fukushima I	Daiichi MP-8	Density limit in the air to
Time of Sampling	N	/A	N/	Α	2011/9/7 10:34 ~ 15:34		workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
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.

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

	1				1		
Place of Sampling	mountainside Fukushima		mountainside Fukushima			of Unit 3 of a Daiichi	Density limit in the air to
Time of Sampling	2011/9/7 1	1:02 ~ 13:02	2011/9/7 1	1:04 ~ 13:04	N	workers engaged in tasks	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	-	-	1E-03
Cs-134 (about 2 years)	3.6E-05	0.02	ND	-	-	-	2E-03
Cs-137 (about 30 years)	1.8E-05	0.01	ND	-	-	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	1	-	-	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.

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

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

【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 Fukushima Unit		West Side Fukushima Unit		Density limit in the air to
Time of Sampling	2011/9/8 10:19 ~ 15:19		2011/9/8 10	0:30 ~ 15:30	2011/9/8 10	0:36 ~ 15:36	workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	3.5E-06	0.00	ND	=	ND	-	2E-03
Cs-137 (about 30 years)	5.6E-06	0.00	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

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

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

【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 top o located at Daii	Fukushima	Fukushim	offshore of na Daiichi e sea	Density limit in the air to
Time of Sampling	2011/9/7 19	9:00 ~ 24:00	2011/9/7 19:00 ~ 24:00		2011 Sep 7 (Not sampled)	workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	,	ND	-	-	-	1E-03
Cs-134 (about 2 years)	ND -		9.3E-07	0.00	=	-	2E-03
Cs-137 (about 30 years)	ND	-	1.1E-06	0.00	-	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	-	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	=	-	3E-03
Te-129 (approx.70mins)	ND	1	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.

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

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

Particulate: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

^{*}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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

			1		T		
Place of Sampling	West Gate o Dai	f Fukushima ichi	MP-1 of Fuki (Refer	ushima Daini rence)			Density limit in the air to
Time of Sampling	2011/9/9 7	7:00 ~ 12:00	2011/9/9	9:29 ~ 9:39			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
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.

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

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

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

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*}O.OE - O means O.O x 10-O

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

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

【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

	I								T T
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		Fukushima D	2km-3km offshore of Fukushima Daiichi on the sea 3rd sampling		ore of aiichi ampling	Density limit by the announcement of Reactor
Time of Sampling	2011/9/8 20:00 ~ 20:30		2011/9/8 20:33 ~ 21:03		2011/9/8 21:06 ~ 21:36		2011/9/8 21:37 ~ 22:07		Regulation (Bq/cm3) (Density limit in the air to which radiation workers breathe in the section 4 of
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	1.1E-07	0.00	ND	-	1.5E-07	0.00	2.0E-07	0.00	2E-03
Cs-137 (about 30 years)	1.2E-07	0.00	ND	-	1.8E-07	0.00	2.5E-07	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

^{*}O.OE - O means O.O x 10-O

I-131: approx. 2E-8Bq/cm3, Cs-134: approx. 3E-8Bq/cm3, Cs-137: approx. 3E-8Bq/cm3

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. This is the result of nuclides analysis for aerial radioactive particles

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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

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

Place of Sampling	West Gate o Dai			ushima Daini rence)			Density limit in the air to	
Time of Sampling	2011/9/10	7:00 ~ 12:00	2011/9/10	9:25 ~ 9:35			workers engaged in tasks	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*	
I-131 (about 8 days)	ND	-	ND	i			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	1	ND	i			7E-01	
Ag-110m (approx.250days)	ND	-	ND	ı			3E-03	
Te-129 (approx.70mins)	ND	-	ND	-			4E-01	
Te-129m (approx.34days)	ND	-	ND	-			4E-03	
I-132 (approx.2hrs)	ND	-	ND	ı			7E-02	
Te-132 (approx.78hrs)	ND	-	ND	ī			4E-03	
I-133 (approx.21hrs)	ND	-	ND	ı			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.

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

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

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

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

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

^{*}O.OE - O means O.O x 10-O

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

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

【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 Surfa seawall of Dai	Fukushima	At the top o located at Dai	Fukushima			Density limit in the air to workers engaged	
Time of Sampling	2011/9/9 19:00 ~ 24:00		2011/9/9 19:00 ~ 24:00				in tasks associated with	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	radiation (Bq/cm3)*	
I-131 (about 8 days)	ND	-	ND	1			1E-03	
Cs-134 (about 2 years)	3.3E-07	0.00	6.1E-07	0.00			2E-03	
Cs-137 (about 30 years)	ND	-	8.7E-07	0.00			3E-03	
Nb-95 (approx.35days)	ND	-	ND	-			2E-02	
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01	
Ag-110m (approx.250days)	ND	-	ND	1			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.

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

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

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

^{*}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

^{* &}quot;ND" means the sampled data is below measurable limit.

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 offsh Fukushima D on the sea 2nd s	aiichi	2km-3km offsh Fukushima D on the sea 3rd s	aiichi	2km-3km offshore of Fukushima Daiichi on the sea 4th sampling		
Time of Sampling	2011/9/9 19:00~19:30		2011/9/9 19:33~20:03		2011/9/9 20:05	2011/9/9 20:05~20:35		~ 21:06	Density limit in the air to workers engaged in tasks associated with radiation (Bg/cm3)*
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	(54,5.00)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	2.0E-07	0.00	4.0E-08	0.00	2E-03
Cs-137 (about 30 years)	1.5E-07	0.00	ND	-	2.8E-07	0.00	5.3E-08	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

^{*}O.OE - O means O.O x 10-O

I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 6E-8Bq/cm3, Cs-137: approx. 5E-8Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

This is the result of nuclides analysis for aerial radioactive particles

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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

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

Place of Sampling	West Gate o Dai		MP-1 of Fuki (Refer				Density limit in the air to
Time of Sampling	2011/9/11	7:00 ~ 12:00	2011/9/11	2011/9/11 9:36 ~ 9:46			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	ND	-	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	1			4E-03
I-132 (approx.2hrs)	ND	-	ND	1			7E-02
Te-132 (approx.78hrs)	ND	-	ND	1			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	-	lidala danaih	and the velve	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.

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 4E-7Bq/cm3, Cs-137: approx. 4E-7Bq/cm3 Particulate: I-131: approx. 7E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3 The detection limits of major three nuclide that are not detected at MP-1 of Fukushima Daini NPS are as ollowing:

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

^{*}O.OE - O means O.O x 10-O

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

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

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

[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 offsh Fukushima D on the sea 1st s	aiichi	2km-3km offsh Fukushima D on the sea 2nd s	aiichi	2km-3km offsh Fukushima D on the sea 3rd s	aiichi	2km-3km offsh Fukushima D on the sea 4th s	aiichi	
Time of Sampling	2011/9/10 19:38	3 ~ 20:08	2011/9/10 20:10 ~ 20:40		2011/9/10 20:42 ~ 21:12		2011/9/10 21:13 ~ 21:43		Density limit in the air to workers engaged in tasks associated with radiation (Bq/cm3)*
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor							
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	4.5E-08	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	4E-01
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	4E-03
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	7E-02
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	4E-03
I-133 (approx.21hrs)	ND	-	ND	-	ND	-	ND	-	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	1E-02

^{*}O.OE - O means O.O x 10-O

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

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

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

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

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

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

Place of Sampling	West Gate o	f Fukushima iichi	MP-1 of Fuki (Refei	ushima Daini rence)			Density limit in the air to
Time of Sampling	2011/9/12 7	7:00 ~ 12:00	2011/9/12	9:32 ~ 9:42			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	1			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.

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

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3 Particulate: I-131: approx. 7E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*}O.OE - O means O.O x 10-O

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

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

【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 offs Fukushima [2km-3km offsh Fukushima D		2km-3km offs Fukushima D		2km-3km offsl Fukushima D		
. 0	on the sea 1st s	sampling	on the sea 2nd s	sampling	on the sea 3rd s	sampling	on the sea 4th sampling		
Time of Sampling		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		2011 Sep 11 (Not sampled)		11 ed)	Density limit in the air to workers engaged in tasks associated with radiation
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor (/)	(Bq/cm3)*
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 o Dai		MP-1 of Fuki (Refei				Density limit in the air to
Time of Sampling	2011/9/13	7:00 ~ 12:00	2011/9/13	9:30 ~ 9:40			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	4.4E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	5.8E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	1			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	1			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.

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

The detection limits of the major three nuclide at MP-1 of Fukushima Daini NPS are as follow: Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 4E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

^{*}O.OE - O means O.O x 10-O

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

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

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

					T		
Place of Sampling	Fukushima I	Daiichi MP-1	Fukushima I	Daiichi MP-3	Fukushima l	Daiichi MP-8	Density limit
Time of Sampling	2011/9/13 10	0:05 ~ 15:05	2011/9/13 1	0:35 ~ 15:35	2011/9/13 1	0:20 ~ 15:20	in the air to workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	1.5E-06	0.00	ND	i	2E-03
Cs-137 (about 30 years)	ND	-	8.8E-07	0.00	ND	i	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	ı	3E-03
Te-129 (approx.70mins)	ND	-	ND	-	ND	ı	4E-01
Te-129m (approx.34days)	ND	1	ND	-	ND	i	4E-03
I-132 (approx.2hrs)	ND	1	ND	-	ND	ı	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.

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

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

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

^{*}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

^{* &}quot;ND" means the sampled data is below measurable limit.

【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 Surfa seawall of Daii	Fukushima	At the top o located at Dai	Fukushima			Density limit in the air to workers	
Time of Sampling	2011/9/12 1	2011/9/12 19:00 ~ 24:00		9:00 ~ 24:00			engaged in tasks associated with	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of Scaling sample Factor (Bq/cm3) (/)		radiation (Bq/cm3)*	
I-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	ND	-	1.5E-06	0.00			2E-03	
Cs-137 (about 30 years)	ND	-	1.7E-06	0.00			3E-03	
Nb-95 (approx.35days)	ND	-	ND	-			2E-02	
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01	
Ag-110m (approx.250days)	ND	-	ND	-			3E-03	
Te-129 (approx.70mins)	ND	-	ND	-			4E-01	
Te-129m (approx.34days)	ND	-	ND	-			4E-03	
I-132 (approx.2hrs)	ND	-	ND	-			7E-02	
Te-132 (approx.78hrs)	ND	-	ND	-			4E-03	
I-133 (approx.21hrs)	ND	-	ND	-			5E-03	
Cs-136 (approx.13days)	ND	-	ND	-			1E-02	
Ba-140 (approx.13days)	ND	-	ND	-			1E-02	
La-140 (approx.40hrs)	ND	-	ND	-			1E-02	

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

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

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

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

^{*}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.

^{* &}quot;ND" means the sampled data is below measurable limit.

in front of the site of Fukushima Daiiichi Nuclear Power Station

Place of Sampling	2km-3km offs Fukushima I on the sea 1st s	Daiichi	2km-3km offsl Fukushima D on the sea 2nd	Daiichi	2km-3km offsl Fukushima D on the sea 3rd s	aiichi	2km-3km offsl Fukushima D on the sea 4th s	aiichi	
Time of Sampling	2011/9/12 19:0	0 ~ 19:30	2011/9/12 19:35 ~ 20:05		2011/9/12 20:06 ~ 20:36		2011/9/12 20:37 ~ 21:07		Density limit in the air to workers engaged in tasks associated with radiation
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	(Bq/cm3) *
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	9.1E-08	0.00	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	7.9E-08	0.00	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	ND	-	3E-03
Te-129 (approx.70mins)	ND	1	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

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

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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

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

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

Place of Sampling	West Gate o		MP-1 of Fukt (Refer				Density limit in the air to
Time of Sampling	2011/9/14 7	7:00 ~ 12:00	2011/9/14	9:23 ~ 9:32			workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	2.2E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	-			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I-132 (approx.2hrs)	ND	-	ND	-			7E-02
Te-132 (approx.78hrs)	ND	-	ND	=			4E-03
I-133 (approx.21hrs)	ND	-	ND	-			5E-03
Cs-136 (approx.13days)	ND	-	ND	-			1E-02
Ba-140 (approx.13days)	ND	-	ND	-			1E-02
La-140 (approx.40hrs)	ND	-	ND	-			1E-02

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

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

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

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

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

【 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 Building of Dai	f Fukushima	Water Treatm of Fukushi		Switching Ya and 6, Fukus		
Time of Sampling	2011/9/14 1	0:03 ~ 15:03	2011/9/14 1	2011/9/14 10:14 ~ 15:14		0:26 ~ 15:26	in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	-	ND	-	ND	-	2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Te- 129(approx.70min s)	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	ı	ND	1	5E-03
Cs-136 (approx.13days)	ND	-	ND	-	ND	ı	1E-02
Ba-140 (approx.13days)	ND	-	ND	-	ND	ı	1E-02
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	1E-02

^{*} The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuc

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

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

Place of Sampling	2km-3km offsl Fukushima D on the sea 1st s	aiichi	2km-3km offsh Fukushima D on the sea 2nd s	aiichi	2km-3km offsh Fukushima D on the sea 3rd s	aiichi	2km-3km offsh Fukushima D on the sea 4th s	aiichi	
Time of Sampling	2011/9/13 18:13	3 ~ 18:43	2011/9/13 18:45	5 ~ 19:15	2011/9/13 19:17	7 ~ 19:47	2011/9/13 19:48	3 ~ 20:18	Density limit in the air to workers engaged in tasks associated with radiation
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	(Bq/cm3) *						
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

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

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

^{* &}quot;ND" means the sampled data is below measurable limit.

The detection limits of major three nuclide that are not detected are as following:
I-131: approx. 3E-8Bq/cm3, Cs-134: approx. 5E-8Bq/cm3, Cs-137: approx. 5E-8Bq/cm3

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

Place of Sampling	West Gate o Dai		MP-1 of Fuki (Refer	ushima Daini rence)			Density limit in the air to	
Time of Sampling	2011/9/15 7	:00 ~ 12:00	2011/9/15	9:34 ~ 9:44			in the air to workers engaged in tasks	
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*	
I-131 (about 8 days)	ND	-	ND	-			1E-03	
Cs-134 (about 2 years)	ND	-	ND	-			2E-03	
Cs-137 (about 30 years)	6.6E-07	0.00	ND	-			3E-03	
Nb-95 (approx.35days)	ND	-	ND	-			2E-02	
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01	
Ag-110m (approx.250days)	ND	-	ND	-			3E-03	
Te- 129(approx.70min s)	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.

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

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

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

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

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

^{*} O.OE - O means O.O x 10-O

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

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

【 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 Fukushima Da		West Side Fukushima Da &	iichi Unit 1	West Side Fukushima Da &		in the air to
Time of Sampling	2011/9/15 1	0:34 ~ 15:34	2011/9/15 1	0:43 ~ 15:43	2011/9/15 1	0:49 ~ 15:49	workers engaged in tasks
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	associated with radiation (Bq/cm3)*
I-131 (about 8 days)	ND	-	ND	-	ND	-	1E-03
Cs-134 (about 2 years)	ND	-	2.8E-06	0.00	ND	-	2E-03
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	3E-03
Nb-95 (approx.35days)	ND	ı	ND	-	ND	1	2E-02
Tc-99m (approx.6hrs)	ND	1	ND	-	ND	1	7E-01
Ag-110m (approx.250days)	ND	-	ND	-	ND	-	3E-03
Te- 129(approx.70min s)	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.

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

Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 5E-6Bq/cm3, Cs-137: approx. 6E-6Bq/cm3 Particulate: I-131: approx. 1E-6Bq/cm3, Cs-134: approx. 3E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

【 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

		TOTIL OF LITE			1110111 11401		- Clation
Place of Sampling	At the Surfa seawall of Dai	Fukushima	At the top o located at Daii	Fukushima			Density limit in the air to
Time of Sampling	2011/9/14 19	9:00 ~ 24:00	2011/9/14 19	9:00 ~ 24:00			workers engaged in tasks associated with
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor (/)	radiation (Bq/cm3) *
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	3.8E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	6.3E-07	0.00	ND	-			3E-03
Nb-95 (approx.35days)	ND	-	ND	-			2E-02
Tc-99m (approx.6hrs)	ND	-	ND	-			7E-01
Ag-110m (approx.250days)	ND	-	ND	-			3E-03
Te-129 (approx.70mins)	ND	-	ND	1			4E-01
Te-129m (approx.34days)	ND	-	ND	-			4E-03
I- 132(approx.2hrs)	ND	-	ND	1			7E-02
Te-132 (approx.78hrs)	ND	-	ND	1			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.

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

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

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

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

^{*} 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

^{* &}quot;ND" means the sampled data is below measurable limit.

【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 offsh Fukushima D on the sea 1st s	aiichi	2km-3km offsh Fukushima D on the sea 2nd s	aiichi	2km-3km offsh Fukushima D on the sea 3rd s	aiichi	2km-3km offsh Fukushima D on the sea 4th s	aiichi	
Time of Sampling	2011 Sep 14 sampled		2011 Sep 14 sampled		2011 Sep 14 sampled		2011 Sep 14 sampled		Density limit in the air to workers engaged in tasks associated with radiation
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor (/)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	(Bq/cm3) *
I-131 (about 8 days)	-	-	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	3E-03
Nb-95 (approx.35days)	-	-	-	-	-	-	-	-	2E-02
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	7E-01
Ag-110m (approx.250days)	-	-	-	-	-	-	-	-	3E-03
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	4E-01
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	4E-03
I-132(approx.2hrs)	-	-	-	-	-	-	-	-	7E-02
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	4E-03
I-133(approx.21hrs)	-	-		-	-	-	-	-	5E-03
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
Ba-140 (approx.13days)	-	-	-	-	-	-	-	-	1E-02
La-140 (approx.40hrs)	-	-	-	-	-	-	-	-	1E-02

^{*} O.OE - O means O.O x 10-O

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

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u hannel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	2011 Sep 5 (No	ot sampled)	2011 Sep 5 (No	ot sampled)	2011 Sep 5 (No	ot sampled)	08:25 Sep 0)5 2011	08:00 Sep 0	5 2011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	ND	-	ND		40
Cs-134 (about 2 years)	-	•	-	-	-	•	ND	-	ND	•	60
Cs-137 (about 30 years)	-	-	-	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	ND -		ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	•	-	-	-	•	ND	-	ND	1	300
Te- 129(approx.70mins)	-	-		-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	•	-	-	-	•	ND	-	ND	1	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.

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

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

Place of Sampling	3 km offsho Haramachi Wa layer	ard Upper	d Upper Haramachi Ward Lower layer		3 km offshore Ward Uppe		3 km offshore Ward Lowe		3 km offsh Iwasawa sho layer	re Upper	3 km offsh Iwasawa sho layer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	1	-	-	-	i	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	1	-	-	-	i	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	i	-	-	-	-	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)	-	-	-	ı	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	_	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	8 km offshore Ward Uppe 2011 Sep 5	r layer	8 km offshore Ward Lowe 2011 Sep 5	r layer	8 km offsh Iwasawa sho layer 2011 Sep 5	re Upper	8 km offsh Iwasawa sho Iayer 2011 Sep 8	re Lower		<u> </u>		<u> </u>	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	sample		sample		sample		sample						(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-					300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-					300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-					300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-					400

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

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

Place of Sampling	3 km offshore Upper la	-	3 km offshore Lower la		3 km offshore river Upper		3 km offshore river Lowe		3 km offsh Onahama po layer	rt Upper	3 km offshore of Onahama port Lower layer		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		2011 Sep 5 sample		N/A		N/A		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore of Ena Lower layer		3 km offsh Numanouch layer	i Upper	3 km offsh Numanouch layer	i Lower	3 km offsh Toyoma Upp		3 km offsh Toyoma Low		Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		2011 Sep 5 sample		2011 Sep sample		2011 Sep 5 sample		2011 Sep 5 (Not sampled)		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	=	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	1	-	1	ı	1	-	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 Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Time of Sampling	2011 Sep 6 (No	ot sampled)	2011 Sep 6 (No	ot sampled)	2011 Sep 6 (No	ot sampled)	2011 Sep 6 (No	ot sampled)	07:55 Sep (06 2011	water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	ND	-	90
Mo-99 (approx. 66hrs)			-	-	-	-	-	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	ND	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	•	ND	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	•	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	ND	-	400

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

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

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

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

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

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

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

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

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

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

Place of Sampling	3 km offshore Upper la	iyer	3 km offshore Lower la	iyer	3 km offshore river Uppe	r layer	3 km offshore river Lower	r layer	3 km offsh Onahama po layer	rt Upper	3 km offsh Onahama po layer	rt Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 6 sample		2011 Sep 6 sample	`	2011 Sep 6 sample		2011 Sep 6 sample	,	2011 Sep 6 sample	,	2011 Sep 6 sample	`	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)						
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	1	-	-	-	-	-	-	-	-	1	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	ı	-	1	1,000
Tc-99m (approx.6hrs)	-	-	1	-	-	-	-	-	-	-	-	1	40,000
Te-129m (approx.34days)	-	-	1	-	-	-	-	-	-	-	-	1	300
Te- 129(approx.70mins)	-	-	1	-	-	-	-	-	-	-	-	1	10,000
Te-132 (approx.78hrs)	-	-	1	-	-	-	-	-	-	-	-	1	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	ı	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore Lower la		3 km offsh Numanouch layer	i Upper	3 km offsh Numanouch layer	i Lower	3 km offsh Toyoma Upp		3 km offsh Toyoma Low		Density limit by the announcement of
Time of Sampling	2011 Sep 6 sample		2011 Sep 6 sample		2011 Sep 6 sample		2011 Sep 6 sample		2011 Sep 6 sample		2011 Sep 6 sample		Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	1	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	1	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	1	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	1	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	1	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

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

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

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

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

^{*} 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 Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge 0 (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	09:50 Sep (7 2011	2011 Sep 7 (No	ot sampled)	2011 Sep 7 (No	ot sampled)	08:20 Sep (7 2011	07:55 Sep (07 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	-	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	-	•	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	-	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	-	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	-		-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	-	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	-	-	-		ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	-		-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	-	-	-	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	15 km offsh Minami-So CityUpper 2011 Sep 7	ouma layer	15 km offsh Minami-So CityLower 2011 Sep 7	ouma layer	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	a Lower	15 km offsh Fukushima Upper la	Daiichi	15 km offsh Fukushima Lower la	Daiichi	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	sample		sample	`	N/A		N/A		N/A		N/A		(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	1	-	-	-	-	-	-	-	-	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)	-	-	-	1	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	1	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)		-		-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho Iayer	re Upper	15 km offsh Iwasawa Sho Iayer	re Lower	15 km offsl Hirono-town U		15 km offsk Hirono-town Lo		Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	ı	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	ı	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

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

Place of Sampling	3 km offsh Haramachi Wa Iayer	ard Upper	3 km offsh Haramachi Wa Iayer	ard Lower	3 km offshore Ward Uppe	r layer	Ward Lowe	er layer	3 km offsh Iwasawa sho Iayer	re Upper	3 km offsh Iwasawa sho Iayer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

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

[Definite Report] Nuclide Analysis Results of Seawater < Offshore 4/4 >

Place of Sampling	Ward Uppe	r layer	8 km offshore Ward Lowe	r layer	8 km offsh Iwasawa sho layer	re Upper	8 km offsh Iwasawa sho layer	re Lower					Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample		2011 Sep 7 sample						(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	1	-	1	-	-	-	-					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 Discharg 5-6u of (approx. 30m n discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:20 Sep (08 2011	10:00 Sep (08 2011	N/A		08:30 Sep (08 2011	08:00 Sep (08 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offsh Minami-So CityLower	ouma	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	a Lower	15 km offsh Fukushima Upper la	Daiichi	15 km offsh Fukushima Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		08:50 Sep 0	8 2011	08:50 Sep 0	8 2011	08:05 Sep 0	8 2011	08:05 Sep 0	8 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	=	ı	ND	-	ND	-	ND	ı	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.

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho layer	re Upper	15 km offsh Iwasawa Sho Iayer	re Lower	15 km offsh Hirono-town U		15 km offsh Hirono-town Lo		Reactor Regulation
Time of Sampling	07:30 Sep 0	8 2011	07:30 Sep 0	8 2011	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore Lower la		3 km offshore river Upper		3 km offshore river Lower		3 km offsh Onahama po layer	rt Upper	3 km offsh Onahama po layer	rt Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	06:15 Sep 0	8 2011	06:15 Sep 0	8 2011	05:55 Sep 0	8 2011	05:55 Sep 0	8 2011	05:35 Sep 0	8 2011	05:35 Sep 0	8 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	ı	ND	-	ND	-	ND	-	ND	-	ND	i	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	ı	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.

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore Lower la		3 km offsh Numanouch layer	i Upper	3 km offsh Numanouch layer	i Lower	3 km offsh Toyoma Upp		3 km offsh Toyoma Low		Density limit by the announcement of Reactor Regulation
Time of Sampling	06:05 Sep 0	8 2011	06:05 Sep 0	8 2011	05:45 Sep 0	8 2011	05:45 Sep 0	8 2011	05:30 Sep 0	8 2011	05:30 Sep 0	8 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling Time of Sampling	5km Offsho Numanouchi Layer 06:45 Sep 0	i Upper	5km Offsho Numanouchi Layer 06:45 Sep 0	Lower									Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND										90
Mo-99 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	1									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	ı									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.

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

[Definite Report] Nuclide Analysis Results of Seawater < Coast>

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			arge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge 0 (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:10 Sep (9 2011	09:55 Sep 0	9 2011	14:55 Sep (9 2011	08:20 Sep (9 2011	07:55 Sep (09 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offsh Minami-So CityLower	ouma	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	Lower	15 km offsh Fukushima Upper la	Daiichi	15 km offsk Fukushima Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time of Sampling	07:55 Sep 0	9 2011	07:55 Sep 0	9 2011	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	=	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	ND	-	ND	=	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho layer	re Upper	15 km offsh Iwasawa Sho layer	re Lower	15 km offsh Hirono-town U		15 km offsh Hirono-town Lo		Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		08:05 Sep 0	9 2011	08:05 Sep 0	9 2011	08:50 Sep 0	9 2011	08:50 Sep 0	9 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	3 km offsho Haramachi Wa layer	ard Upper	3 km offsh Haramachi Wa Iayer	rd Lower	3 km offshore Ward Uppe		3 km offshore Ward Lowe		3 km offsho Iwasawa shoo layer	re Upper	3 km offsh Iwasawa sho layer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	08:20 Sep 0	9 2011	08:20 Sep 0	9 2011	08:35 Sep 0	9 2011	08:35 Sep 0	9 2011	07:00 Sep 0	9 2011	07:00 Sep 0	9 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	Ī	ND	-	ND	-	ND	ı	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	i	ND	-	ND	-	ND	ı	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	ı	ND	-	400

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

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

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

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

Place of Sampling	8 km offshore Ward Uppe		8 km offshore Ward Lowe		8 km offsho Iwasawa sho Iayer	re Upper	8 km offsh Iwasawa sho Iayer	re Lower					Density limit by the announcement of Reactor Regulation
Time of Sampling	08:55 Sep 0	9 2011	08:55 Sep 0	9 2011	07:20 Sep 0	9 2011	07:20 Sep 0	9 2011					(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	ı					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	ı					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	ı					200
I-132 (approx.2hrs)	ND	-	ND	1	ND	-	ND	ı					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	ı					400

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

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

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

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

Place of Sampling	3 km offshore City Upper		3 km offshore City Lower		5 km offshore City Upper		5 km offshore City Lower		5 km offsh Kashima Cit layer	y Upper	5 km offsh Kashima Cit layer	y Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	05:30 Sep 0	9 2011	05:30 Sep 0	9 2011	06:10 Sep 0	9 2011	06:10 Sep 0	9 2011	06:30 Sep 0	9 2011	06:30 Sep 0	9 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	south of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:20 Sep ²	10 2011	09:50 Sep 1	10 2011	15:10 Sep 1	0 2011	08:10 Sep 1	10 2011	07:50 Sep ²	10 2011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	r Sample Far) (Bq/L) (surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

[Definite Report] Results of Nuclide Analysis of Seawater < Offshore 1/2>

Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offsh Minami-So CityLower	ouma	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	Lower	15 km offsh Fukushima Upper la	Daiichi	15 km offsh Fukushima Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		08:15 Sep 1	0 2011	08:15 Sep 1	0 2011	07:30 Sep 1	0 2011	07:30 Sep 1	0 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	=	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho layer	re Upper	15 km offsh Iwasawa Sho Iayer	re Lower	15 km offsh Hirono-town U		15 km offsh Hirono-town Lo		Reactor Regulation
Time of Sampling	06:55 Sep 1	0 2011	06:55 Sep 1	0 2011	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	ND	-	ND	ı	-	-	-	-	-	-	-	-	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.

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

[Definite Report] Nuclide Analysis Results of Seawater < Coast>

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge 0 (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:05 Sep 1	11 2011	09:45 Sep 1	1 2011	N/A		07:55 Sep 1	1 2011	07:30 Sep ²	11 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND		ND	-	-	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	3 km offsh Haramachi Wa Iayer	ard Upper	3 km offsh Haramachi Wa Iayer	ard Lower	3 km offshore Ward Uppe		3 km offshore Ward Lowe		3 km offsh Iwasawa sho Iayer	re Upper	3 km offsh Iwasawa sho Iayer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	2011 Sep 1 sample		2011 Sep 1 sample		2011 Sep 1 sample		2011 Sep 1 sample		2011 Sep 1 sample		2011 Sep 1 sample		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	-	-	-	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	-	-	-	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	-	-	-	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	-	-	-	-	-	-	-	-	-	-	-	-	400

^{*} 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 Ward Uppe 2011 Sep 1	r layer	8 km offshore Ward Lowe 2011 Sep 1	r layer	8 km offsh Iwasawa sho Iayer 2011 Sep 1	re Upper	8 km offsh Iwasawa sho Iayer 2011 Sep 1	re Lower					Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	sample		sample		sample		sample						(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90
Mo-99 (approx. 66hrs)	-	-	-	-	-	-	-	-					1,000
Tc-99m (approx.6hrs)	-	-	-	-	-	-	-	-					40,000
Te-129m (approx.34days)	-	-	-	ı	-	-	-	-					300
Te- 129(approx.70mins)	-	-	-	ı	-	-	-	-					10,000
Te-132 (approx.78hrs)	-	-	-	-	-	-	-	-					200
I-132 (approx.2hrs)	-	-	-	ı	-	-	-	-					3,000
Cs-136 (approx.13days)	-	-	-	ı	-	-	-	-					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 Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge 0 (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Time of Sampling	10:45 Sep 1	12 2011	10:15 Sep 1	2 2011	N/A		08:15 Sep 1	2 2011	07:45 Sep ²	12 2011	water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offsh Minami-So CityLower	ouma	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	Lower	15 km offsh Fukushima Upper la	Daiichi yer	15 km offsh Fukushima Lower la	Daiichi ayer	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	N/A		N/A		08:45 Sep 1	2 2011	08:45 Sep 1	2 2011	08:15 Sep 1	2 2011	08:15 Sep 1	2 2011	(the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	1	-	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.

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho Iayer	re Upper	15 km offsh Iwasawa Sho Iayer	re Lower	15 km offsh Hirono-town U		15 km offsh Hirono-town Lo		Reactor Regulation
Time of Sampling	07:45 Sep 1	2 2011	07:45 Sep 1	2 2011	N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	ND	-	ND	-	-	-	-	-	-	-	-	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	-	-	-	-	-	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	-	-	-	-	-	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	-	-	-	-	-	-	400

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

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

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore Lower la		3 km offshore river Uppe		3 km offshore river Lower		3 km offsh Onahama po layer	rt Upper	3 km offsh Onahama po layer	rt Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	04:55 Sep 1	2 2011	04:55 Sep 1	2 2011	05:10 Sep 1	2 2011	05:10 Sep 1	2 2011	05:25 Sep 1	2 2011	05:25 Sep 1	2 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	ī	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.

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

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

Place of Sampling	3 km offshore Upper la		3 km offshore Lower la		3 km offsh Numanouch layer	i Upper	3 km offsh Numanouch layer	i Lower	3 km offsh Toyoma Upp		3 km offsh Toyoma Low		Density limit by the announcement of Reactor Regulation
Time of Sampling	05:40 Sep 1	2 2011	05:40 Sep 1	2 2011	05:20 Sep 1	2 2011	05:20 Sep 1	2 2011	05:30 Sep 1	2 2011	05:30 Sep 1	2 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:45 Sep ²	13 2011	10:20 Sep 1	13 2011	N/A		08:25 Sep ²	13 2011	07:55 Sep ²	13 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	17	0.28	11	0.18	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	23	0.26	13	0.14	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	3 km offsho Haramachi Wa Iayer	rd Upper	3 km offsho Haramachi Wa Iayer	ard Lower	3 km offshore Ward Uppe		3 km offshore Ward Lowe		3 km offsho Iwasawa shor Iayer	e Upper	3 km offsh Iwasawa sho Iayer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	09:40 Sep 1	3 2011	09:40 Sep 1	3 2011	09:20 Sep 1	3 2011	09:20 Sep 1	3 2011	07:10 Sep 1	3 2011	07:10 Sep 1	3 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	ı	ND	ı	ND	-	ND	i	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	i	ND	-	300
La-140 (approx. 40hrs)	ND	ı	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.

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

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

Place of Sampling	8 km offshore Ward Uppe		8 km offshore Ward Lowe		8 km offsh Iwasawa sho Iayer	re Upper	8 km offsho Iwasawa sho layer	re Lower					Density limit by the announcement of Reactor Regulation
Time of Sampling	08:40 Sep 1	3 2011	08:40 Sep 1	3 2011	07:30 Sep 1	3 2011	07:30 Sep 1	3 2011					(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te- 129(approx.70mins)	ND	-	ND	ı	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	ı	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.

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

[Definite Report] Nuclide Analysis Results of Seawater < Offshore 3/4 >

Place of Sampling	3 km offshore City Upper		3 km offshore City Lower		5 km offshore City Upper		5 km offshore City Lower		5 km offsh Kashima Cit layer	y Upper	5 km offsh Kashima Cit layer	y Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	06:00 Sep 1	3 2011	06:00 Sep 1	3 2011	06:15 Sep 1	3 2011	06:15 Sep 1	3 2011	06:35 Sep 1	3 2011	06:35 Sep 1	3 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	5km Offsho Numanouch Layer	i Upper	5km Offsho Numanouch Layer	i Lower									Density limit by the announcement of Reactor Regulation
Time of Sampling	06:00 Sep 1	3 2011	06:00 Sep 1	3 2011									(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90
Mo-99 (approx. 66hrs)	ND	-	ND	-									1,000
Tc-99m (approx.6hrs)	ND	-	ND	-									40,000
Te-129m (approx.34days)	ND	-	ND	-									300
Te- 129(approx.70mins)	ND	-	ND	-									10,000
Te-132 (approx.78hrs)	ND	-	ND	-									200
I-132 (approx.2hrs)	ND	-	ND	-									3,000
Cs-136 (approx.13days)	ND	-	ND	-									300
Ba- 140(approx.13days)	ND	-	ND	-									300
La-140 (approx. 40hrs)	ND	-	ND	-									400

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

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

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

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

Place of Sampling	North of Discharg 5-6u of (approx. 30m n discharge c	1F orth of 5-6u			narge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:10 Sep 1	14 2011	09:40 Sep 1	14 2011	N/A		08:15 Sep ²	14 2011	07:50 Sep ²	14 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (about 2 years)	6.4	0.11	ND	-	-	-	ND	-	ND	-	60
Cs-137 (about 30 years)	9.8	0.11	ND	-	-	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	-	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	-	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	-	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	-	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	=	-	-	ND	-	ND	-	400

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

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

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

[Definite Report] Results of Nuclide Analysis of Seawater < Offshore 1/2>

Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offsh Minami-So CityLower	ouma	15 km offsh Ukedo-gawa layer	aUpper	15 km offsh Ukedo-gawa layer	Lower	15 km offsh Fukushima Upper la	Daiichi	15 km offsh Fukushima Lower la	Daiichi	Density limit by the announcement of Reactor Regulation
Time of Sampling	08:35 Sep 1	4 2011	08:35 Sep 1	4 2011	08:10 Sep 1	4 2011	08:10 Sep 1	4 2011	08:05 Sep 1	4 2011	08:05 Sep 1	4 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	=	ND	-	ND	-	ND	=	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	ı	ND	-	ND	-	ND	ı	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	ı	ND	-	ND	-	ND	ı	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.

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

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

Place of Sampling	15 km offsh Fukushima Da layer	ini Upper	15 km offsh Fukushima Da layer	ini Lower	15 km offsh Iwasawa Sho layer	re Upper	15 km offsh Iwasawa Sho layer	re Lower	15 km offsh Hirono-town U		15 km offsh Hirono-town Lo		Density limit by the announcement of Reactor Regulation
Time of Sampling	07:35 Sep 1	4 2011	07:35 Sep 1	4 2011	07:05 Sep 1	4 2011	07:05 Sep 1	4 2011	06:30 Sep 1	4 2011	06:30 Sep 1	4 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	1	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.

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

[Definite Report] Nuclide Analysis Results of Seawater < Coast>

Place of Sampling	North of Discharg 5-6u of (approx. 30m no discharge c	1F orth of 5-6u			arge Channel of 1 1-4u Discharge Ch		Around North Channel (Around 3,4u Chann (approx. 10 kn	of 2F Discharge el)	Around Iwasawa (appox. 7 km s Discharge C (appox. 16 km	outh of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	10:05 Sep 1	5 2011	09:40 Sep 1	5 2011	15:20 Sep 1	15 2011	08:15 Sep 1	15 2011	07:40 Sep ²	15 2011	(the density limit in the water outside of surrounding monitored
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

[Definite Report] Results of Nuclide Analysis of Seawater < Offshore 1/2>

Place of Sampling	3 km offsho Haramachi Wa Iayer	ard Upper	3 km offsh Haramachi Wa Iayer	ard Lower	3 km offshore Ward Uppe		3 km offshore Ward Lowe		3 km offsh Iwasawa sho layer	re Upper	3 km offsh Iwasawa sho layer	re Lower	Density limit by the announcement of Reactor Regulation
Time of Sampling	08:35 Sep 1	5 2011	08:35 Sep 1	5 2011	08:55 Sep 1	5 2011	08:55 Sep 1	5 2011	11:15 Sep 1	5 2011	11:15 Sep 1	5 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba- 140(approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

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

Place of Sampling	8 km offshore Ward Uppe		8 km offshore Ward Lowe		8 km offsho Iwasawa shoo layer	re Upper	8 km offsh Iwasawa sho layer	re Lower					Density limit by the announcement of Reactor Regulation
Time of Sampling	09:20 Sep 1	5 2011	09:20 Sep 1	5 2011	10:30 Sep 1	5 2011	10:30 Sep 1	5 2011					(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	ı	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	ı	ND	-	ND	-					300
Te- 129(approx.70mins)	ND	-	ND	ı	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	ı	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	ı	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.

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

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north canal of 1F		Screen of 1 (outside the		Screen of 1 (inside the		Density limit by the announcement of Reactor
Time of Sampling	2011/9	/1 6:41	N/	Ά	2011/9/	/1 6:48	2011/9/	/1 6:54	2011/9	/1 6:58	Regulation (Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	130	2.2	-	-	230	3.8	240	4.0	320	5.3	60
Cs-137 (about 30 years)	160	1.8	-	-	240	2.7	270	3.0	330	3.7	90
Mn-54 (approx.310days)	ND	•	-	-	ND	-	ND	-	ND	1	1,000
Co-60 (approx.5yrs)	ND	,	-	-	ND	-	ND	-	ND	1	200
Tc-99m (approx.6hrs)	ND	1	-	-	ND	-	ND	-	ND	1	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te- 129(approx.70min s)	ND	,	-	-	ND	-	ND	-	ND	1	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	•	-	-	ND	-	ND	-	ND	1	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.

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor
Time of Sampling	2011/9/	/1 7:03	2011/9/	/1 7:06	2011/9/	/1 7:13	2011/9/	1 7:17	2011/9/	/1 7:20	Regulation (Bq/L) (the density limit in the water
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	outside of surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	210	3.5	520	8.7	240	4.0	790	13	310	5.2	60
Cs-137 (about 30 years)	280	3.1	670	7.4	300	3.3	970	11	350	3.9	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling Time of Sampling	Screen of 1 (inside the	silt fence)	Inside the so Units 1-4 W Car 2011/9/	ater Intake nal	Port entrance Daiichi Nuclea	r Power Plant					Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	290	4.8	230	3.8	-	-					60
Cs-137 (about 30 years)	340	3.8	290	3.2	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north canal of 1F		Screen of 1 (outside the		Screen of 1 (inside the		Density limit by the announcement of Reactor
Time of Sampling	2011/9/	2 6:40	N/.	A	2011/9	/2 6:46	2011/9	/2 6:51	2011/9/	/2 6:54	Regulation (Bq/L) (the density limit in the water outside
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	of surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	68	1.1	-	-	130	2.2	140	2.3	220	3.7	60
Cs-137 (about 30 years)	86	0.96	-	-	180	2.0	150	1.7	280	3.1	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	'2 6:59	2011/9/	/2 7:02	2011/9/	/2 7:06	2011/9/	/2 7:10	2011/9/	/2 7:13	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	120	2.0	370	6.2	160	2.7	940	16	280	4.7	60
Cs-137 (about 30 years)	140	1.6	420	4.7	190	2.1	1,100	12	340	3.8	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor
Time of Sampling	2011/9/	/2 7:15	2011/9/	/2 7:20	N/	A					Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	310	5.2	38	0.63	-	-					60
Cs-137 (about 30 years)	400	4.4	37	0.41	-	-					90
Mn-54 (approx.310days)	ND	1	ND	-	-	1					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	1	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	1	ND	-	-	-					300
Te-129 (approx.70mins)	ND	1	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north canal of 1F		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor
Time of Sampling	2011/9/	/3 6:22	N/	A	2011/9/	/3 6:29	2011/9/	/3 6:33	2011/9	/3 6:36	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	46	0.77	-	-	110	1.8	130	2.2	210	3.5	60
Cs-137 (about 30 years)	60	0.67	-	-	130	1.4	120	1.3	220	2.4	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	•	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	1	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	1	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor
Time of Sampling	2011/9/	′3 7:15	2011/9/	′3 7:20	N/	A					Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	170	2.8	35	0.58	-	-					60
Cs-137 (about 30 years)	230	2.6	48	0.53	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		Shallow Draf	t Quay of 1F		Inside north canal of 1F		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1 (inside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	4 6:36	N/	/A	2011/9/	/4 6:46	2011/9/	/4 6:53	2011/9/	/4 6:56	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	51	0.85	-	-	110	1.8	110	1.8	180	3.0	60
Cs-137 (about 30 years)	55	0.61	-	-	140	1.6	110	1.2	200	2.2	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 16Bq/L Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor
Time of Sampling	2011/9/	/4 7:03	2011/9/	/4 7:10	2011/9/	/4 7:16	2011/9/	/4 7:20	2011/9/	/4 7:27	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	150	2.5	430	7.2	630	11	1,700	28	260	4.3	60
Cs-137 (about 30 years)	200	2.2	560	6.2	740	8.2	1,900	21	280	3.1	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	1	ND	1	300
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow:

Place of Sampling Time of Sampling	Screen of 1 (inside the	silt fence)	Inside the so Units 1-4 W Car 2011/9/	ater Intake nal	Port entrance of Daiichi Nuclea	r Power Plant					Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	360	6.0	190	3.2	-	-					60
Cs-137 (about 30 years)	340	3.8	230	2.6	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling		Shallow Draf	t Quay of 1F		Inside north canal of 1F		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	5 7:27	N/	A	2011/9/	/5 7:37	2011/9/	/5 7:44	2011/9/	/5 7:44	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	93	1.6	-	-	230	3.8	140	2.3	180	3.0	60
Cs-137 (about 30 years)	96	1.1	-	-	280	3.1	170	1.9	200	2.2	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

I-131: approx. 15Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

										Density limit by the announcement of Reactor
2011/9/	/5 7:54	2011/9/	/5 7:54	2011/9/	/5 8:03	2011/9/	/5 8:03	2011/9/	/5 8:10	Regulation (Bq/L) (the density limit in the water outside of surrounding
Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
ND	-	ND	-	ND	-	ND	-	ND	-	40
170	2.8	490	8.2	720	12	2,200	37	250	4.2	60
190	2.1	640	7.1	890	9.9	2,500	28	340	3.8	90
ND	-	13	0.01	ND	-	ND	-	ND	-	1,000
ND	-	ND	-	ND	-	ND	-	ND	-	200
ND	-	ND	-	ND	-	ND	-	ND	-	40,000
ND	-	ND	-	ND	-	ND	-	ND	-	300
ND	-	ND	-	ND	-	ND	-	ND	-	10,000
ND	-	ND	-	ND	-	ND	-	ND	-	300
ND	-	ND	-	ND	-	ND	-	ND	-	300
ND	-	ND	-	ND	-	ND	-	ND	-	400
	Outside the 2011/9/ Density of Sample (Bq/L) ND 170 190 ND	Sample (Bq/L) Factor (/) ND - 170 2.8 190 2.1 ND - ND -	(outside the silt fence) (inside the silt fence) 2011/9/5 7:54 2011/9/5 Density of Sample (Bq/L) Scaling Factor (Bq/L) ND - 170 2.8 490 190 2.1 640 ND - ND ND ND ND	(outside the silt fence) 2011/9/5 7:54 2011/9/5 7:54 Density of Sample (Bq/L) Scaling Factor (Bq/L) Density of Sample (Bq/L) Scaling Factor (Image) ND - ND - 170 2.8 490 8.2 190 2.1 640 7.1 ND - ND - ND - ND -	(outside the silt fence) (outside the solid sended send	(outside the silt fence) (inside the silt fence) (outside the silt fence) 2011/9/5 7:54 2011/9/5 8:03 Density of Sample (Bq/L) Scaling Sample (Bq/L) Density of Sample (Bq/L) Scaling Sample (Bq/L) Density of Sample (Bq/L) Scaling Sample (Bq/L) Density of Sample (Bq/L) ND - 170 2.8 490 8.2 720 12 190 2.1 640 7.1 890 9.9 ND - ND - ND - ND - ND	(outside the silt fence) (inside the silt fence) (outside the silt fence) (inside the sall salls) ND - ND - <td>Coutside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (inside the silt fence) 2011/9/5 7:54 2011/9/5 8:03 2011/9/5 8:03 2011/9/5 8:03 Density of Sample (BayL) Scaling Sample (BayL) Density of Sample (BayL) Density of Sample (BayL) Scaling Sample (BayL) Density of Sample (BayL)<</td> <td>Coutside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) (outside the silt fence) (outside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) Outside the silt fence) Scaling Sample (Equit) Scaling Sample (</td> <td>(outside the silt fence) (inside the silt fence) (coutside the silt fence) (inside the silt fence) (outside the silt fence) (coutside the silt fence) 2011/9/5 8:03 2011/9/5 8:10 Density of Sample (Bq/L) Scaling Factor (Pq/L) Factor (Bq/L) Scaling Factor (Bq/L) Density of Sample (Bq/L) Scaling Factor (Pq/L) Scaling Factor (Bq/L) Density of Sample (Bq/L) (Bq</td>	Coutside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (inside the silt fence) 2011/9/5 7:54 2011/9/5 8:03 2011/9/5 8:03 2011/9/5 8:03 Density of Sample (BayL) Scaling Sample (BayL) Density of Sample (BayL) Density of Sample (BayL) Scaling Sample (BayL) Density of Sample (BayL)<	Coutside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) (outside the silt fence) (outside the silt fence) (outside the silt fence) (inside the silt fence) (outside the silt fence) Outside the silt fence) Scaling Sample (Equit) Scaling Sample ((outside the silt fence) (inside the silt fence) (coutside the silt fence) (inside the silt fence) (outside the silt fence) (coutside the silt fence) 2011/9/5 8:03 2011/9/5 8:10 Density of Sample (Bq/L) Scaling Factor (Pq/L) Factor (Bq/L) Scaling Factor (Bq/L) Density of Sample (Bq/L) Scaling Factor (Pq/L) Scaling Factor (Bq/L) Density of Sample (Bq/L) (Bq

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 Wa Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	5 8:10	2011/9/	5 8:17	N/	A					(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	350	5.8	46	0.77	-	1					60
Cs-137 (about 30 years)	450	5.0	66	0.73	-	1					90
Mn-54 (approx.310days)	ND	-	ND	-	-	1					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	1					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

				•	T		1 0010011, 4110				1
Place of Sampling	Shallow Draft Quay of 1F				Inside north canal of 1F		Screen of 1 (outside the		Screen of 1 (inside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	2011/9/6 6:49 N/A		A	2011/9/	6 7:00	2011/9/	6 7:08	2011/9/	/6 7:08	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	94	1.6	100	1.7	190	3.2	60
Cs-137 (about 30 years)	44	0.49	-	-	71	0.79	120	1.3	200	2.2	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	1	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	1	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	1	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	1	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 15Bq/L, Cs-134: approx. 26Bq/L

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

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

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	6 7:16	2011/9/6 7:16		2011/9/6 7:28		2011/9/	6 7:23	2011/9/6 7:23		(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	140	2.3	570	9.5	180	3.0	2,500	42	260	4.3	60
Cs-137 (about 30 years)	150	1.7	640	7.1	200	2.2	2,900	32	280	3.1	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

Place of Sampling	Screen of 1 (inside the	F's Unit 4	Inside the so Units 1-4 W Car	outh of 1F's ater Intake	Port entrance of Daiichi Nuclea	of Fukushima	4 screen, and	The water in	Take Canal Of	01113 1-4	Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	2011/9/	6 7:28	2011/9/	6 7:33	N/	A					(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	180	3.0	ND	-	-	-					60
Cs-137 (about 30 years)	260	2.9	45	0.50	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	1	ND	-	-	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

I-131: approx. 18Bq/L, Cs-134:

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

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

^{* &}quot;ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: approx. 25Bq/L

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north canal of 1F		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	7 6:26	2011/9/	7 13:30	2011/9/	/7 6:33	2011/9/	7 6:38	2011/9/	/7 6:40	(Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	34	0.57	41	0.68	98	1.6	120	2.0	140	2.3	60
Cs-137 (about 30 years)	ND	-	ND	-	120	1.3	110	1.2	170	1.9	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	ı	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	ı	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/L, Cs-

^{137:} approx. 28Bq/L

						1 3,					
Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	7 6:44	2011/9/	/7 6:47	2011/9/	7 6:51	2011/9/	7 6:54	2011/9/	/7 6:57	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	140	2.3	540	9.0	130	2.2	1,400	23	120	2.0	60
Cs-137 (about 30 years)	140	1.6	620	6.9	160	1.8	1,600	18	140	1.6	90
Mn-54 (approx.310days)	ND	-	17	0.02	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

I-131: approx. 28Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	7 6:59	2011/9/	7 7:04	2011/9/7	7 11:00					(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	250	4.2	120	2.0	ND	-					60
Cs-137 (about 30 years)	290	3.2	150	1.7	ND	-					90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-					300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 15Bq/L, Cs-134: approx. 30Bq/L, Cs-137: approx. 34Bq/L

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north canal of 1F'		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1 (inside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	8 6:15	N/	A	2011/9/	/8 6:20	2011/9/	/8 6:23	2011/9/8 6:25		(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	70	1.2	50	0.83	41	0.68	60
Cs-137 (about 30 years)	ND	-	-	-	66	0.73	54	0.60	48	0.53	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	1	ND	-	ND	•	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	1	ND	-	ND	•	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/L, Cs-134: approx. 31Bq/L, Cs-137: approx. 34Bq/L

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

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor
Time of Sampling	2011/9/	/8 6:33	2011/9/	/8 6:35	2011/9/	/8 6:38	2011/9/	/8 6:40	2011/9	/8 6:43	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	59	0.98	230	3.8	55	0.92	110	1.8	ND	-	60
Cs-137 (about 30 years)	95	1.1	280	3.1	80	0.89	120	1.3	61	0.68	90
Mn-54 (approx.310days)	ND	-	21	0.02	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	=	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 16Bq/L, Cs-134: approx. 30Bq/L

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance of Daiichi Nuclea						Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	2011/9/	8 6:46	2011/9/	8 6:50	N/.	A					(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	87	1.5	89	1.5	-	-					60
Cs-137 (about 30 years)	100	1.1	110	1.2	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	1	ND	-	-	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling			ft 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)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	9 6:40	2011/9/	9 13:05	2011/9/	9 6:47	2011/9/	/9 6:53	2011/9/	/9 6:58	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	72	1.2	31	0.52	110	1.8	86	1.4	92	1.5	60
Cs-137 (about 30 years)	57	0.63	47	0.52	110	1.2	97	1.1	110	1.2	90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the				Density limit by the announcement of Reactor Regulation	
Time of Sampling	2011/9/	9 7:05	2011/9/	/9 7:10	2011/9	/9 7:18	2011/9/	/9 7:23	2011/9/	/9 7:18	(Bq/L) (the density limit in the water outside of	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)									
I-131 (about 8 days)	ND	-	40									
Cs-134 (about 2 years)	130	2.2	380	6.3	80	1.3	130	2.2	63	1.1	60	
Cs-137 (about 30 years)	150	1.7	420	4.7	100	1.1	160	1.8	92	1.0	90	
Mn-54 (approx.310days)	ND	-	23	0.02	ND	-	ND	-	ND	-	1,000	
Co-60 (approx.5yrs)	ND	-	200									
Tc-99m (approx.6hrs)	ND	-	40,000									
Te-129m (approx.34days)	ND	-	300									
Te-129 (approx.70mins)	ND	-	10,000									
Cs-136 (approx.13days)	ND	-	300									
Ba-140 (approx.13days)	ND	-	300									
La-140 (approx.40hrs)	ND	-	400									

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

I-131: approx. 18Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance of Daiichi Nuclea						Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	9 7:23	2011/9/	9 7:28	2011/9/9	9 11:30					(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	84	1.4	200	3.3	ND	-					60
Cs-137 (about 30 years)	97	1.1	240	2.7	ND	-					90
Mn-54 (approx.310days)	ND	-	ND	-	ND	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-					300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 15Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 28Bq/L

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)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	10 6:40	N/	A	2011/9/	10 6:47	2011/9/	10 6:55	2011/9/	10 7:00	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	51	0.85	-	-	100	1.7	92	1.5	77	1.3	60
Cs-137 (about 30 years)	ND	-	-	-	110	1.2	110	1.2	110	1.2	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 13Bq/L, Cs-137: approx. 34Bq/L

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

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/ ⁻	10 7:05	2011/9/ ⁻	10 7:10	2011/9/	10 7:18	2011/9/	10 7:23	2011/9/	10 7:18	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	100	1.7	130	2.2	130	2.2	190	3.2	190	3.2	60
Cs-137 (about 30 years)	120	1.3	180	2.0	130	1.4	200	2.2	240	2.7	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	•	ND	-	400

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

I-131: approx. 15Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	10 7:23	2011/9/	10 7:30	N/	A					(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	290	4.8	120	2.0	-	-					60
Cs-137 (about 30 years)	360	4.0	150	1.7	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

[Definite Report] Nuclide Analysis Results of Radioactive Materials in Seawater <1/3>

Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Units 1-4 Density limit by the Place of Inside north water intake Screen of 1F's Unit 1 Screen of 1F's Unit 1 announcement of Shallow Draft Quav of 1F canal of 1F's Units 1-4 (outside the silt fence) (inside the silt fence) Sampling Reactor Regulation (Ba/L) Time of (the density limit in 2011/9/11 6:24 N/A 2011/9/11 6:30 2011/9/11 6:36 2011/9/11 6:40 the water outside of Sampling surrounding Detected Density of Scaling monitored areas in **Nuclides** Sample Factor Sample Factor Sample Factor Sample Factor Sample Factor the section 6 of the (Bq/L) (Bq/L) (Half-life) (/)(Bq/L) (/)(Bq/L) (/)(Bq/L) (/) appendix 2) (/)I-131 ND ND ND ND 40 (about 8 days) Cs-134 ND 31 0.52 39 0.65 49 0.82 60 (about 2 years) Cs-137 ND ND ND 49 0.54 90 (about 30 years) Mn-54 ND ND ND ND 1.000 (approx.310days) Co-60 ND ND ND ND 200 (approx.5yrs) Tc-99m ND ND 40.000 ND ND (approx.6hrs) Te-129m ND ND ND ND 300 (approx.34days) Te-129 ND ND ND ND 10.000 (approx.70mins) Cs-136 ND ND ND ND 300 (approx.13days)

Ba-140

(approx.13days)

La-140

(approx.40hrs)

ND

ND

ND

ND

ND

ND

ND

ND

300

400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 13Bq/L, Cs-134: approx. 25Bq/L, Cs-137: approx. 34Bq/L

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

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	11 6:44	2011/9/	11 6:47	2011/9/	11 6:51	2011/9/	11 6:53	2011/9/	11 6:55	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	60	1.0	120	2.0	60	1.0	69	1.2	66	1.1	60
Cs-137 (about 30 years)	82	0.91	160	1.8	41	0.46	76	0.84	85	0.94	90
Mn-54 (approx.310days)	ND	-	32	0.03	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the	F's Unit 4	Inside the so Units 1-4 W Car	outh of 1F's ater Intake	Port entrance Daiichi Nuclea	of Fukushima					Density limit by the announcement of Reactor
Time of Sampling	2011/9/ ⁻	11 6:57	2011/9/	11 7:02	N/	A					Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	160	2.7	100	1.7	-	-					60
Cs-137 (about 30 years)	180	2.0	120	1.3	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

Place of Sampling		Shallow Draft Quay of 1F				water intake s Units 1-4	Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	12 6:30	N/	′A	2011/9/ ⁻	12 6:40	2011/9/	12 6:46	2011/9/	12 6:48	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	88	1.5	88	1.5	110	1.8	60
Cs-137 (about 30 years)	ND	-	-	-	100	1.1	130	1.4	140	1.6	90
Mn-54 (approx.310days)	ND	ı	-	1	ND	-	ND	1	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	ı	-	1	ND	-	ND	1	ND	-	40,000
Te-129m (approx.34days)	ND	ı	-	1	ND	-	ND	ı	ND	1	300
Te-129 (approx.70mins)	ND	ı	-	1	ND	-	ND	ı	ND	1	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/L, Cs-

^{134:} approx. 30Bq/L, Cs-137: approx. 33Bq/L

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/ ⁻	12 6:53	2011/9/	12 6:55	2011/9/	12 7:00	2011/9/ ⁻	12 7:05	2011/9/	12 7:07	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	130	2.2	180	3.0	160	2.7	150	2.5	83	1.4	60
Cs-137 (about 30 years)	120	1.3	230	2.6	190	2.1	210	2.3	120	1.3	90
Mn-54 (approx.310days)	ND	-	8.8	0.01	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

I-131: approx. 16Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Screen of 1 (inside the	F's Unit 4	Inside the so Units 1-4 W Car	outh of 1F's ater Intake	Port entrance of Daiichi Nuclea	of Fukushima			Tillake Callar		Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	2011/9/	12 7:09	2011/9/	12 7:11	N/.	A					(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	120	2.0	160	2.7	-	-					60
Cs-137 (about 30 years)	110	1.2	160	1.8	-	1					90
Mn-54 (approx.310days)	ND	1	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	1	ND	-	-	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	, artaorriin	Shallow Draft Quay of 1F			Inside north canal of 1F	water intake	Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor
Time of Sampling	2011/9/ ⁻	13 6:52	N/	A	2011/9/	13 7:04	2011/9/	13 7:12	2011/9/13 7:15		Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	46	0.77	-	-	130	2.2	130	2.2	140	2.3	60
Cs-137 (about 30 years)	ND	-	-	-	160	1.8	160	1.8	170	1.9	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 17Bq/L, Cs-137: approx. 34Bq/L

Tukusitima barrotti kucrear rower station, the sharrow draft quay, sint r											
Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	13 7:23	2011/9/ ⁻	13 7:26	2011/9/	13 7:33	2011/9/	13 7:35	2011/9/ ⁻	13 7:42	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)								
I-131 (about 8 days)	ND	-	40								
Cs-134 (about 2 years)	140	2.3	350	5.8	130	2.2	570	9.5	150	2.5	60
Cs-137 (about 30 years)	130	1.4	400	4.4	170	1.9	630	7.0	170	1.9	90
Mn-54 (approx.310days)	ND	-	1,000								
Co-60 (approx.5yrs)	ND	-	200								
Tc-99m (approx.6hrs)	ND	-	40,000								
Te-129m (approx.34days)	ND	-	300								
Te-129 (approx.70mins)	ND	-	10,000								
Cs-136 (approx.13days)	ND	-	300								
Ba-140 (approx.13days)	ND	-	300								
La-140 (approx.40hrs)	ND	-	400								

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		F's Unit 4 the silt	Inside the so Units 1-4 W Car	outh of 1F's ater Intake	Port enti Fukushim Nuclear Po	rance of na Daiichi		The water			Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	13 7:45	2011/9/	13 7:51	N/	'A					(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	230	3.8	150	2.5	1	•					60
Cs-137 (about 30 years)	240	2.7	190	2.1	-	-					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	1	1	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	1	•					40,000
Te-129m (approx.34days)	ND	-	ND	-	1	•					300
Te-129 (approx.70mins)	ND	-	ND	-	1	•					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		Shallow Draf	ft Quay of 1F		Inside north canal of 1F		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Density limit by the announcement of Reactor
Time of Sampling	2011/9/ ⁻	14 7:07	N/	A	2011/9/	14 7:17	2011/9/	14 7:23	2011/9/	14 7:26	Regulation (Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	37	0.62	-	-	130	2.2	110	1.8	160	2.7	60
Cs-137 (about 30 years)	32	0.36	-	-	180	2.0	130	1.4	180	2.0	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	1	300
Te-129 (approx.70mins)	ND	-	-	-	ND	-	ND	-	ND	1	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

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

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

^{* &}quot;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.

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance Daiichi Nuclea						Density limit by the announcement of Reactor Regulation (Bg/L)
Time of Sampling	2011/9/	14 7:49	2011/9/	14 7:53	N/	A					(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	260	4.3	420	7.0	-	1					60
Cs-137 (about 30 years)	310	3.4	480	5.3	-	1					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	-					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	1					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling		Shallow Dra	ft Quay of 1F		Inside north 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)		Density limit by the announcement of Reactor Regulation
Time of Sampling	2011/9/	15 6:05	N/	'A	2011/9/	15 6:20	2011/9/15 6:25		2011/9/	15 6:30	(Bq/L) (the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	-	-	37	0.62	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	-	-	ND	-	ND	-	ND	-	90
Mn-54 (approx.310days)	ND	-	-	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	1	ND	1	ND	-	ND	1	300
Te-129 (approx.70mins)	ND	-	-	1	ND	1	ND	-	ND	1	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: I-131: approx. 14Bq/L, Cs-

^{134:} approx. 30Bq/L, Cs-137: approx. 34Bq/L

Place of Sampling	Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Screen of 1 (inside the		Screen of 1 (outside the		Density limit by the announcement of Reactor Regulation	
Time of Sampling	2011/9/	15 6:33	2011/9/	15 6:38	2011/9/	15 6:40	2011/9/	15 6:45	2011/9/	15 6:50	(Bq/L) (the density limit in the water outside of surrounding	
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)									
I-131 (about 8 days)	ND	-	40									
Cs-134 (about 2 years)	79	1.3	ND	-	ND	-	48	0.80	28	0.47	60	
Cs-137 (about 30 years)	80	0.89	ND	-	46	0.51	34	0.38	42	0.47	90	
Mn-54 (approx.310days)	ND	-	1,000									
Co-60 (approx.5yrs)	ND	-	200									
Tc-99m (approx.6hrs)	ND	-	40,000									
Te-129m (approx.34days)	ND	-	300									
Te-129 (approx.70mins)	ND	-	10,000									
Cs-136 (approx.13days)	ND	-	300									
Ba-140 (approx.13days)	ND	-	300									
La-140 (approx.40hrs)	ND	-	400									

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow:

^{134:} approx. 31Bq/L, Cs-137: approx. 33Bq/L

Place of Sampling	Screen of 1 (inside the		Inside the so Units 1-4 W Car	ater Intake	Port entrance of Daiichi Nuclea						Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	2011/9/	15 6:53	2011/9/	15 6:55	N/A	A					(the density limit in the water outside of surrounding
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	-	-					40
Cs-134 (about 2 years)	52	0.87	100	1.7	-	1					60
Cs-137 (about 30 years)	45	0.50	130	1.4	-	1					90
Mn-54 (approx.310days)	ND	-	ND	-	-	-					1,000
Co-60 (approx.5yrs)	ND	-	ND	-	-	1					200
Tc-99m (approx.6hrs)	ND	-	ND	-	-	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	-	-					300
Te-129 (approx.70mins)	ND	-	ND	-	-	-					10,000
Cs-136 (approx.13days)	ND	-	ND	-	-	-					300
Ba-140 (approx.13days)	ND	-	ND	-	-	-					300
La-140 (approx.40hrs)	ND	-	ND	-	-	-					400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The detection limits of major three nuclide that are not detected are as follow: Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

		· · · · · · · · · · · · · · · · · · ·				
Fukushima Daiichi NPS 1U 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
10:20 Sep 02 2011	10:25 Sep 02 2011	10:30 Sep 02 2011	09:46 Sep 02 2011	10:15 Sep 02 2011	10:05 Sep 02 2011	09:45 Sep 02 2011
		Der	nsity of sample (Bq/c	cm3)		
ND	ND	ND	ND	ND	ND	ND
8.6E+00	8.9E+00	3.0E-02	ND	ND	ND	ND
1.1E+01	1.1E+01	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
2.3E-01	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
ND	ND	ND	ND	ND	ND	ND
	NPS 1U sub-drain 10:20 Sep 02 2011 ND 8.6E+00 1.1E+01 ND ND ND ND ND ND ND ND ND N	NPS 1U sub-drain NPS 2U sub-drain 10:20 Sep 02 2011 10:25 Sep 02 2011 ND ND 8.6E+00 8.9E+00 1.1E+01 1.1E+01 ND ND ND ND	NPS 1U sub-drain NPS 2U sub-drain NPS 3U sub-drain 10:20 Sep 02 2011 10:25 Sep 02 2011 10:30 Sep 02 2011 ND ND ND ND ND ND 8.6E+00 8.9E+00 3.0E-02 1.1E+01 1.1E+01 ND ND ND ND	NPS 1U sub-drain NPS 2U sub-drain NPS 3U sub-drain NPS 4U sub-drain 10:20 Sep 02 2011 10:25 Sep 02 2011 10:30 Sep 02 2011 09:46 Sep 02 2011 Density of sample (Bq/c ND ND ND ND 8.6E+00 8.9E+00 3.0E-02 ND 1.1E+01 ND ND ND ND ND ND ND	NPS 1U sub-drain NPS 2U sub-drain NPS 3U sub-drain NPS 4U sub-drain NPS 5U sub-drain 10:20 Sep 02 2011 10:25 Sep 02 2011 10:30 Sep 02 2011 09:46 Sep 02 2011 10:15 Sep 02 2011 Density of sample (Bq/cm3) ND ND ND ND 8.6E+00 8.9E+00 3.0E-02 ND ND ND ND ND ND ND	NPS 1U sub-drain NPS 2U sub-drain NPS 3U sub-drain NPS 4U sub-drain NPS 5U sub-drain NPS 6U sub-drain 10:20 Sep 02 2011 10:25 Sep 02 2011 10:30 Sep 02 2011 09:46 Sep 02 2011 10:15 Sep 02 2011 10:05 Sep 02 2011 Density of sample (Bq/cm3) ND ND ND ND ND ND 8.6E+00 8.9E+00 3.0E-02 ND ND ND ND ND ND ND ND ND ND ND ND ND

^{*} O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 7E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well			
Time of Sampling	10:38 Sep 05 2011	10:43 Sep 05 2011	10:50 Sep 05 2011	09:48 Sep 05 2011	10:30 Sep 05 2011	10:21 Sep 05 2011	13:14 Sep 05 2011			
Detected Nuclides (Half-life)		Density of sample (Bq/cm3)								
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	1.3E+00	5.4E+00	7.4E-02	1.1E-01	ND	ND	ND			
Cs-137 (about 30 years)	1.7E+00	6.9E+00	9.0E-02	1.2E-01	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND			
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND			
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND			
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND			
La-140 (approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND			

^{*} O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 7E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well			
Time of Sampling	10:50 Sep 07 2011	10:55 Sep 07 2011	11:00 Sep 07 2011	09:52 Sep 07 2011	10:45 Sep 07 2011	10:40 Sep 07 2011	10:25 Sep 07 2011			
Detected Nuclides (Half-life)		Density of sample (Bq/cm3)								
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	9.5E-01	4.9E+00	3.6E-02	ND	ND	ND	ND			
Cs-137 (about 30 years)	1.2E+00	6.2E+00	6.2E-02	3.9E-02	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND			
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND			
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND			
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND			
La-140 (approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND			

O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well				
Time of Sampling	11:00 Sep 09 2011	11:05 Sep 09 2011	11:10 Sep 09 2011	09:50 Sep 09 2011	10:55 Sep 09 2011	10:50 Sep 09 2011	09:40 Sep 09 2011				
Detected Nuclides (Half-life)		Density of sample (Bq/cm3)									
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND				
Cs-134 (about 2 years)	8.5E-01	4.8E+00	ND	4.1E-02	ND	ND	ND				
Cs-137 (about 30 years)	1.1E+00	6.0E+00	ND	4.0E-02	ND	ND	ND				
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND				
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND				
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND				
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND				
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND				
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND				
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND				
La-140 (approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND				

^{*} O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well			
Time of Sampling	11:45 Sep 12 2011	11:50 Sep 12 2011	12:00 Sep 12 2011	09:58 Sep 12 2011	11:35 Sep 12 2011	11:20 Sep 12 2011	13:00 Sep 12 2011			
Detected Nuclides (Half-life)		Density of sample (Bq/cm3)								
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	8.2E-01	4.9E+00	ND	ND	ND	ND	ND			
Cs-137 (about 30 years)	1.1E+00	6.3E+00	ND	ND	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND			
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND			
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND			
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND			
La-140 (approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND			

O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well			
Time of Sampling	10:40 Sep 14 2011	10:45 Sep 14 2011	10:50 Sep 14 2011	09:51 Sep 14 2011	10:35 Sep 14 2011	10:30 Sep 14 2011	11:00 Sep 14 2011			
Detected Nuclides (Half-life)		Density of sample (Bq/cm3)								
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND			
Cs-134 (about 2 years)	8.9E-01	4.8E+00	2.5E-02	5.3E-02	ND	ND	ND			
Cs-137 (about 30 years)	1.2E+00	6.1E+00	3.8E-02	6.3E-02	ND	ND	ND			
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND			
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND			
Ag-110m (approx.250days)	ND	ND	ND	ND	ND	ND	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND			
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND			
La-140 (approx. 40 hours)	ND	ND	ND	ND	ND	ND	ND			

O.OE-O means O.O x 10-O

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 5E-2Bq/cm3, Cs-134: approx. 3E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 4E-2Bq/cm3

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

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 4E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

Place of Sampling	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 Onsite Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of Onsite Bunker Building Fukushima Daiichi NPS			
Time of Sampling	09:36 Sep 04 2011	09:41 Sep 04 2011	09:46 Sep 04 2011	09:58 Sep 04 2011	N/A	09:54 Sep 04 2011	10:05 Sep 04 2011	09:50 Sep 04 2011			
Detected Nuclides (Half-life)		density of sample (Bq/cm3)									
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND			
Cs-134 (about 2 years)	5.2E-02	ND	ND	ND	-	2.1E-01	ND	ND			
Cs-137 (about 30 years)	8.5E-02	ND	ND	ND	-	2.4E-01	3.4E-02	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND			
Ba- 140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND			

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 4E-2Bq/cm3

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-1: approx. 3E-2Bq/cm3

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 4E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

[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 Onsite Bunker Building Fukushima Daiichi NPS	West part of Incineration Workshop Building Fukushima Daiichi NPS	North part of Miscellaneous Solid Waste Volume Reduction Treatment Building Fukushima Daiichi NPS	Southeast part of Onsite Bunker Building Fukushima Daiichi NPS			
Time of Sampling	10:00 Sep 13 2011	10:05 Sep 13 2011	10:09 Sep 13 2011	10:20 Sep 13 2011	N/A	10:17 Sep 13 2011	10:24 Sep 13 2011	10:14 Sep 13 2011			
Detected Nuclides (Half-life)		density of sample (Bq/cm3)									
I-131 (about 8 days)	ND	ND	ND	ND	-	ND	ND	ND			
Cs-134 (about 2 years)	3.8E-02	ND	ND	ND	-	2.2E-01	ND	ND			
Cs-137 (about 30 years)	5.4E-02	ND	ND	ND	-	3.1E-01	3.0E-02	ND			
Te-129 (approx.70mins)	ND	ND	ND	ND	-	ND	ND	ND			
Te-129m (approx.34days)	ND	ND	ND	ND	-	ND	ND	ND			
Cs-136 (approx.13days)	ND	ND	ND	ND	-	ND	ND	ND			
Ba- 140(approx.13days)	ND	ND	ND	ND	-	ND	ND	ND			

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

^{*} O.OE-O has the same meaning as O.Ox 1 0-O.

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

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

^{*} O.OE-O has the same meaning as O.Ox 1 0 -O.

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. approx. 3E-2Bq/cm3

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

Place of Sampling	3 km offsho Takadokoban Upper La	na shore	3 km offsho Takadokoban Lower La	na shore	3 km offsho Kujihama sho Layer	re Upper	3 km offsh Kujihama sho Layer	re Lower	3 km offshore shore Uppe		3 km offshore shore Lowe		Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	08:01 Sep 0	7 2011	07:55 Sep 0	7 2011	08:34 Sep 0	8 2011	08:31 Sep 0	8 2011	08:02 Sep 0	8 2011	08:01 Sep 0	8 2011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	i	ND	ı	ND	-	ND	i	ND	i	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling Time of Sampling	3 km offshore shore Upper 13:41 Sep 0	r Layer	3 km offshore shore Lower 13:40 Sep 0	r Layer	3 km offshore shore Upper	r Layer	3 km offshore shore Lower	r Layer					Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-					40
Cs-134 (about 2 years)	ND	=	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90
Mo-99 (approx. 66 hours)	ND	-	ND	-	ND	-	ND	-					1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-					40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-					300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-					10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-					200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-					3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-					300
Ba-140 (approx.13days)	ND	-	ND	-	ND	i	ND	-					300
La-140 (approx. 40 hours)	ND	-	ND	-	ND	-	ND	-					400

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

approx. 9Bq/L

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides.

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

Place of Sampling	3 km offsho Takadokoban Upper La	na shore	3 km offsho Takadokoban Lower La	na shore	3 km offsh Kujihama sho Layei	re Upper	3 km offsh Kujihama sho Layei	re Lower	3 km offshore shore Uppe		3 km offshore shore Lowe		Density limit by the announcement of Reactor Regulation (Bq/L)
Time of Sampling	08:19 Sep 1	3 2011	08:17 Sep 1	3 2011	08:29 Sep 1	4 2011	08:27 Sep 1	4 2011	08:00 Sep 1	4 2011	07:56 Sep 1	4 2011	(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	i	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (approx. 66 hours)	ND	-	ND	i	ND	-	ND	i	ND	ı	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	ı	ND	-	ND	ı	ND	ı	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	_	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

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

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Ishinomaki ba Layer		Ishinomaki ba Layer	,	Ishinomaki ba Layer	,	Offshore of Ea Kinkasan Upp		Offshore of Ea Kinkasan Mid		Offshore of Ea Kinkasan Lov		Density limit by the announcement of Reactor Regulation
Time of Sampling	11:00 Sep 1	2 2011	11:11 Sep 1	2 2011	11:05 Sep 1	2 2011	08:13 Sep 1	2 2011	08:34 Sep 1	2 2011	08:24 Sep 1	2 2011	(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	ı	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	ı	ND	-	ND	ı	ND	ı	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Offshore of So of Kinkasan Layer	Upper	Offshore of So of Kinkasan Layer	Middle	Offshore of So of Kinkasan Layer	Lower	Offshore Shichigaham Layer	a Upper	Offshore Shichigaham Layer	a Middle	Offshore Shichigaham Laye	a Lower	② Density limit by the announcement of Reactor Regulation
Time of Sampling	09:09 Sep 1	2 2011	09:34 Sep 1	2 2011	09:26 Sep 1	2 2011	09:39 Sep 1	2 2011	09:34 Sep 1	2 2011	09:28 Sep 1	2 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	ı	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	=	ND	-	ND	-	ND	-	ND	-	90
Mo-99 (about 66 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	=	ND	-	ND	-	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	=	ND	-	ND	-	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	=	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx. 40 hours)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Place of Sampling	Central area of bay Upper		Central area of bay Middle		Central area of bay Lower		Offshore Abukumagaw Layer	a Upper	Offshore Abukumagaw Layer	a Middle	Offshore Abukumagaw Layer	a Lower	② Density limit by the announcement of Reactor Regulation
Time of Sampling	08:48 Sep 1	2 2011	08:42 Sep 1	2 2011	08:36 Sep 1	2 2011	07:30 Sep 1	2 2011	07:26 Sep 1	2 2011	07:18 Sep 1	2 2011	(Bq/L) (the density limit in the water outside of
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	surrounding monitored areas in the section 6 of the appendix 2)										
I-131 (about 8 days)	ND	-	40										
Cs-134 (about 2 years)	ND	-	60										
Cs-137 (about 30 years)	ND	-	90										
Mo-99 (about 66 hours)	ND	-	1,000										
Tc-99m (approx.6hrs)	ND	-	40,000										
Te-129m (approx.34days)	ND	-	300										
Te-129 (approx.70mins)	ND	-	10,000										
Te-132 (approx.78hrs)	ND	-	200										
I-132 (approx.2hrs)	ND	-	3,000										
Cs-136 (approx.13days)	ND	-	300										
Ba-140 (approx.13days)	ND	-	300										
La-140 (approx. 40 hours)	ND	-	400										

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

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

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

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

,			1		1	•	
Place of Sampling	3km offshore of Ena	3km offshore of Onahama Port	3km offshore of North of Iwaki City	3km offshore of Natsui River	3km offshore of Numanouchi	3km offshore of Toyoma	5km offshore of Natsui River
Time of Sampling	06:10 Sep 08 2011	05:45 Sep 08 2011	05:15 Sep 08 2011	05:50 Sep 08 2011	06:08 Sep 08 2011	06:29 Sep 08 2011	06:50 Sep 08 2011
Detected Nuclides (Half-life)			De	ensity of sample (Bq/l	kg)		
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	540	170	280	220	230	280	86
Cs-137 (about 30 years)	620	190	330	260	250	330	100
Mn-54 (about 310 days)	ND	ND	ND	ND	4.1	3.3	ND
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND	ND	ND
Tc-99m (approx.6hrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250day s)	ND	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND	ND

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

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

Place of Sampling	15km offshore of Iwasawa shore	15km offshore of Hirono town	8km offshore of Iwasawa shore	3km offshore of Soma city	5km offshore of Soma city	5km offshore of Kashima city
Time of Sampling	08:05 Sep 09 2011	08:50 Sep 09 2011	07:20 Sep 09 2011	06:50 Sep 09 2011	06:05 Sep 09 2011	05:40 Sep 09 2011
Detected Nuclides (Half-life)			Density of sa	ample (Bq/kg)		
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	14	80	440	29	31	97
Cs-137 (about 30 years)	13	97	550	34	34	120
Mn-54 (about 310 days)	ND	ND	ND	ND	ND	ND
Co-60 (approx.5yrs)	ND	ND	ND	ND	ND	ND
Tc-99m (approx.6hrs)	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250day s)	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND
Ba-140 (approx.13days)	ND	ND	ND	ND	ND	ND
La-140 (approx.40hrs)	ND	ND	ND	ND	ND	ND

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 10Bq/kg。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)	Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)	Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)			
Time of Sampling	10:45 Sep 12 2011	2011 Sep 12 (Not sampled)	2011 Sep 12 (Not sampled)	2011 Sep 12 (Not sampled)			
Detected Nuclides (Half-life)	Density of sample (Bq/kg)						
I-131 (about 8 days)	ND	-	-	-			
Cs-134 (about 2 years)	2,000	-	-	-			
Cs-137 (about 30 years)	2,300	-	-	-			
Mn-54 (about 310 days)	ND	-	-	-			
Co-60 (approx.5yrs)	ND	-	-	-			
Tc-99m (approx.6hrs)	ND	-	-	-			
Ag-110m (approx.250days)	ND	-	-	-			
Te-129 (approx.70mins)	ND	-	-	-			
Te-129m (approx.34days)	ND	-	-	-			
Cs-136 (approx.13days)	ND	-	-	-			
Ba-140 (approx.13days)	ND	-	-	-			
La-140 (approx.40hrs)	ND	-	-	-			

^{* &}quot;ND" means the sampled data is below measurable limit.

The followings show the detection limits of undetected typical nuclides.

I-131: approx.

¹⁴Bq/kg.
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

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

^{* &}quot;ND" means the sampled data is below measurable limit. nuclides. I-131: approx. 4Bq/kg。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. The followings show the detection limits of undetected typical

Place of Sampling	15km offshore of Minami Soma City				
Time of Sampling	08:45 Sep 14 2011				
Detected Nuclides (Half-life)	Density of sample (Bq/kg)				
I-131 (about 8 days)	ND				
Cs-134 (about 2 years)	20				
Cs-137 (about 30 years)	24				
Mn-54 (about 310 days)	ND				
Co-60 (approx.5yrs)	ND				
Tc-99m (approx.6hrs)	ND				
Ag-110m (approx.250days)	ND				
Te-129 (approx.70mins)	ND				
Te-129m (approx.34days)	ND				
Cs-136 (approx.13days)	ND				
Ba-140 (approx.13days)	ND				
La-140 (approx.40hrs)	ND				

^{* &}quot;ND" means the sampled data is below measurable limit. nuclides. I-131: approx. 2Bq/kg。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples. The followings show the detection limits of undetected typical

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

^{* &}quot;ND" means the sampled data is below measurable limit. The followings show the detection limits of undetected typical nuclides. I-131: approx. 12Bq/kg。
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.