Definite results of the nuclide analysis at Fukushima Daiichi Nuclear Power Station (From Apr. 16 to Apr. 30)

<Legend> －：γ nuclide except for major 3 nuclides (I-131, Cs-134, Cs-137) was not detected. ⇒ Please refer to the preliminary reports for major nuclides.
○：γ nuclide except for major 3 nuclides (I-131, Cs-134, Cs-137) was detected. ⇒ Please refer to the following pages.
／：Not applicable or cancelled due to bad weather

Announcement date of preliminary report / Sampling Point	April															
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations	－	－	－	－	－	－	－	－	－	－	－	－	－	－	－	
Nuclide Analysis Results of Radioactive Materials in the Air at the seaside of the sites of Fukushima Nuclear Power Stations					－							－				
Nuclide Analysis Results of Radioactive Materials in Seawater <Coast>	－	－	－	－	－	－	－	－	－	○	－	－	－	－	－	
Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore>																
Nuclide Analysis Results of Radioactive Materials in Seawater <offshore remeasurement>																
Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore of Ibaraki Prefecture>		－							－							
Nuclide Analysis Results of Radioactive Materials in Seawater <Offshore of Miyagi prefecture>																
Nuclide Analysis Results of Radioactive Materials of Seawater inside Port	○	○	－	○	○	○	○	○	－	－	－	－	－	○	○	
Nuclide Analysis Results of Radioactive Materials of Seawater in Intake of Unit 5 & 6																
Result of nuclide analysis of sub drain of Fukushima Daiichi NPS		－	－	○		○			－		○		－			
Nuclide analysis results of ocean soil				－	－		－	－					－			
Nuclide Analysis Results of Sub-drain Water in the Surroundings of "Centralized Radiation Waste Treatment Facility"	－	－	－	－	－	－	－	－	－	－	－	－	－	－	－	
Nuclide analysis of radioactive materials in dropping in and out of Fukushima Daiichi Nuclear Power Station.		－														
Nuclide analysis results of radioactive materials in the air above the reactor building of Fukushima Daiichi Power Station (Upside of Unit 1 reactor building)		－														
Nuclide analysis results of radioactive materials in the air above the reactor building of Fukushima Daiichi Power Station (Upside of Unit 2 reactor building)		－														
Nuclide analysis results of radioactive materials in the air above the reactor building of Fukushima Daiichi Power Station (Upside of Unit 3 reactor building)		－														
Nuclide Analysis in the Air around the Open Mouth at Fukushima Daiichi					－											

【Definite Report】Nuclide Analysis Results of Radioactive Materials in Seawater
<Coast, Fukushima Dai**n**i Nuclear Power Station> (Remeasurement)

Place of Sampling	Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from 1F)		Around Iwasawa Shore of 2F (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 17, 2012 8:20 AM		Apr 17, 2012 7:50 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	40
Cs-134 (approx. 2 years)	0.44	0.01	0.45	0.01	60
Cs-137 (approx. 30 years)	0.83	0.01	0.46	0.01	90
Mn-54 (approx.310days)	0.24	0.00	ND	-	1,000
Co-60 (pprox. 5 years)	ND	-	ND	-	200
Mo-99 (approx. 66hrs)	ND	-	ND	-	1,000
Tc-99m (approx.6hrs)	ND	-	ND	-	40,000
Sb-125 (pprox. 3 years)	ND	-	ND	-	800
Te-129m (approx.34days)	ND	-	ND	-	300
Te-129 (approx.70mins)	ND	-	ND	-	10,000
Te-132 (approx.78hrs)	ND	-	ND	-	200
I-132 (approx.2hrs)	ND	-	ND	-	3,000
Cs-136 (approx.13days)	ND	-	ND	-	300
Ba-140(approx.13days)	ND	-	ND	-	300
La-140 (approx. 40hrs)	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 0.21Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 15, 2012 7:12 AM		N/A		Apr 15, 2012 7:18 AM		N/A		Apr 15, 2012 7:25 AM		Apr 15, 2012 7:25 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	2.8	0.05	-	-	14	0.23	-	-	15	0.25	12	0.20	60
Cs-137 (approx. 30 years)	3.9	0.04	-	-	21	0.23	-	-	21	0.23	17	0.19	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 15, 2012 7:33 AM		Apr 15, 2012 7:33 AM		Apr 15, 2012 7:39 AM		Apr 15, 2012 7:42 AM		Apr 15, 2012 7:39 AM		Apr 15, 2012 7:42 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	17	0.28	54	0.90	15	0.25	140	2.3	ND	-	33	0.55	60
Cs-137 (approx. 30 years)	22	0.24	74	0.82	25	0.28	180	2.0	ND	-	66	0.73	90
Mn-54 (approx.310 days)	ND	-	1.2	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L, Cs-134: approx. 22Bq/L, Cs-137: approx. 27Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 15, 2012 7:46 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	14	0.23	-	-	-	-							60
Cs-137 (approx. 30 years)	23	0.26	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 16, 2012 7:00 AM		N/A		Apr 16, 2012 7:10 AM		N/A		Apr 16, 2012 7:16 AM		Apr 16, 2012 7:16 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	4.3	0.07	-	-	14	0.23	-	-	20	0.33	18	0.30	60
Cs-137 (approx. 30 years)	4.1	0.05	-	-	21	0.23	-	-	24	0.27	26	0.29	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 16, 2012 7:20 AM		Apr 16, 2012 7:23 AM		Apr 16, 2012 7:27 AM		Apr 16, 2012 7:30 AM		Apr 16, 2012 7:27 AM		Apr 16, 2012 7:30 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	21	0.35	40	0.67	19	0.32	150	2.5	29	0.48	62	1.0	60
Cs-137 (approx. 30 years)	34	0.38	56	0.62	31	0.34	190	2.1	59	0.66	73	0.81	90
Mn-54 (approx.310 days)	ND	-	0.68	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 16, 2012 7:34 AM		N/A		Apr 16, 2012 11:40 AM								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-							40
Cs-134 (approx. 2 years)	18	0.30	-	-	ND	-							60
Cs-137 (approx. 30 years)	24	0.27	-	-	4.4	0.05							90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-							10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-							300
Ba-140 (approx.13days)	ND	-	-	-	ND	-							300
La-140 (approx.40hrs)	ND	-	-	-	ND	-							400

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

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

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 18, 2012 7:15 AM		N/A		Apr 18, 2012 7:21 AM		N/A		Apr 18, 2012 7:25 AM		Apr 18, 2012 7:30 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	6.4	0.11	-	-	15	0.25	-	-	13	0.22	15	0.25	60
Cs-137 (approx. 30 years)	9.7	0.11	-	-	19	0.21	-	-	18	0.20	20	0.22	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 18, 2012 7:34 AM		Apr 18, 2012 7:37 AM		Apr 18, 2012 7:41 AM		Apr 18, 2012 7:46 AM		Apr 18, 2012 7:41 AM		Apr 18, 2012 7:46 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	12	0.20	46	0.77	19	0.32	95	1.6	ND	-	36	0.60	60
Cs-137 (approx. 30 years)	20	0.22	64	0.71	30	0.33	150	1.7	26	0.29	37	0.41	90
Mn-54 (approx.310 days)	ND	-	1.2	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 10Bq/L, Cs-134: approx. 20Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 18, 2012 7:50 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	25	0.42	-	-	-	-							60
Cs-137 (approx. 30 years)	37	0.41	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 19, 2012 7:11 AM		N/A		Apr 19, 2012 7:17 AM		N/A		Apr 19, 2012 7:21 AM		Apr 19, 2012 7:24 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	5.9	0.10	-	-	12	0.20	-	-	11	0.18	10	0.17	60
Cs-137 (approx. 30 years)	9.5	0.11	-	-	16	0.18	-	-	17	0.19	17	0.19	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 19, 2012 7:30 AM		Apr 19, 2012 7:32 AM		Apr 19, 2012 7:38 AM		Apr 19, 2012 7:42 AM		Apr 19, 2012 7:38 AM		Apr 19, 2012 7:42 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	12	0.20	37	0.62	13	0.22	60	1.0	ND	-	29	0.48	60
Cs-137 (approx. 30 years)	17	0.19	56	0.62	20	0.22	70	0.78	ND	-	52	0.58	90
Mn-54 (approx.310 days)	ND	-	1.6	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 11Bq/L, Cs-134: approx. 19Bq/L, Cs-137: approx. 24Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 19, 2012 7:50 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	49	0.82	-	-	-	-							60
Cs-137 (approx. 30 years)	71	0.79	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 20, 2012 7:00 AM		N/A		Apr 20, 2012 7:10 AM		N/A		Apr 20, 2012 7:18 AM		Apr 20, 2012 7:24 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	25	0.42	-	-	27	0.45	-	-	21	0.35	12	0.20	60
Cs-137 (approx. 30 years)	41	0.46	-	-	36	0.40	-	-	34	0.38	16	0.18	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 20, 2012 7:30 AM		Apr 20, 2012 7:33 AM		Apr 20, 2012 7:40 AM		Apr 20, 2012 7:45 AM		Apr 20, 2012 7:40 AM		Apr 20, 2012 7:45 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	24	0.40	47	0.78	16	0.27	58	0.97	21	0.35	59	0.98	60
Cs-137 (approx. 30 years)	31	0.34	71	0.79	21	0.23	54	0.60	47	0.52	95	1.1	90
Mn-54 (approx.310 days)	ND	-	2.0	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 20, 2012 7:50 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	36	0.60	-	-	-	-							60
Cs-137 (approx. 30 years)	52	0.58	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 2Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 21, 2012 7:10 AM		N/A		Apr 21, 2012 7:16 AM		N/A		Apr 21, 2012 2:15 PM		Apr 21, 2012 7:24 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	15	0.25	-	-	29	0.48	-	-	4.2	0.07	12	0.20	60
Cs-137 (approx. 30 years)	17	0.19	-	-	42	0.47	-	-	4.0	0.04	19	0.21	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 21, 2012 7:30 AM		Apr 21, 2012 7:34 AM		Apr 21, 2012 7:38 AM		Apr 21, 2012 7:38 AM		Apr 21, 2012 7:44 AM		Apr 21, 2012 7:44 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	5.7	0.10	47	0.78	36	0.60	42	0.70	36	0.60	73	1.2	60
Cs-137 (approx. 30 years)	9.1	0.10	71	0.79	55	0.61	62	0.69	28	0.31	98	1.1	90
Mn-54 (approx.310 days)	ND	-	2.0	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 11Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 21, 2012 7:51 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	34	0.57	-	-	-	-							60
Cs-137 (approx. 30 years)	51	0.57	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 22, 2012 7:07 AM		N/A		Apr 22, 2012 7:13 AM		N/A		Apr 22, 2012 7:15 AM		Apr 22, 2012 12:20 PM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	18	0.30	-	-	7.8	0.13	-	-	5.0	0.08	8.4	0.14	60
Cs-137 (approx. 30 years)	28	0.31	-	-	10	0.11	-	-	6.8	0.08	18	0.20	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 22, 2012 7:21 AM		Apr 22, 2012 7:23 AM		Apr 22, 2012 10:33 AM		Apr 22, 2012 7:32 AM		Apr 22, 2012 7:28 AM		Apr 22, 2012 7:32 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	5.8	0.10	41	0.68	10	0.17	42	0.70	26	0.43	65	1.1	60
Cs-137 (approx. 30 years)	10	0.11	58	0.64	12	0.13	55	0.61	38	0.42	83	0.92	90
Mn-54 (approx.310 days)	ND	-	1.3	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

* "ND" means the sampled data is below measurable limit.
The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 13Bq/L
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 22, 2012 7:35 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	16	0.27	-	-	-	-							60
Cs-137 (approx. 30 years)	23	0.26	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 1Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 28, 2012 6:51 AM		N/A		Apr 28, 2012 7:06 AM		Apr 28, 2012 4:20 PM		Apr 28, 2012 7:09 AM		Apr 28, 2012 7:12 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	4.3	0.07	-	-	12	0.20	14	0.23	13	0.22	18	0.30	60
Cs-137 (approx. 30 years)	7.1	0.08	-	-	17	0.19	17	0.19	20	0.22	26	0.29	90
Mn-54 (approx.310 days)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 28, 2012 7:19 AM		Apr 28, 2012 7:22 AM		Apr 28, 2012 7:26 AM		Apr 28, 2012 7:26 AM		Apr 28, 2012 7:33 AM		Apr 28, 2012 7:33 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	11	0.18	47	0.78	51	0.85	320	5.3	36	0.60	33	0.55	60
Cs-137 (approx. 30 years)	19	0.21	69	0.77	80	0.89	470	5.2	62	0.69	55	0.61	90
Mn-54 (approx.310 days)	ND	-	0.85	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 28, 2012 7:37 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	17	0.28	-	-	-	-							60
Cs-137 (approx. 30 years)	25	0.28	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 2Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <1/3>

Place of Sampling	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Units 1-4				Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 29, 2012 7:07 AM		N/A		Apr 29, 2012 7:15 AM		N/A		Apr 29, 2012 7:20 AM		Apr 29, 2012 7:22 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	4.9	0.08	-	-	11	0.18	-	-	12	0.20	12	0.20	60
Cs-137 (approx. 30 years)	7.7	0.09	-	-	16	0.18	-	-	18	0.20	20	0.22	90
Mn-54 (approx.310 days)	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.70 mins)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	-	-	ND	-	-	-	ND	-	ND	-	400

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

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

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <2/3>

Place of Sampling	Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (inside the silt fence)		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		Screen of 1F's Unit 4 (outside the silt fence)		Screen of 1F's Unit 4 (inside the silt fence)		②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 29, 2012 7:28 AM		Apr 29, 2012 7:32 AM		Apr 29, 2012 7:38 AM		Apr 29, 2012 7:40 AM		Apr 29, 2012 7:44 AM		Apr 29, 2012 7:46 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (approx. 2 years)	14	0.23	45	0.75	22	0.37	250	4.2	ND	-	44	0.73	60
Cs-137 (approx. 30 years)	21	0.23	63	0.70	31	0.34	340	3.8	ND	-	55	0.61	90
Mn-54 (approx.310 days)	ND	-	1.2	0.00	ND	-	ND	-	ND	-	ND	-	1,000
Co-60 (approx.5yrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	200
Tc-99m (approx.6hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40,000
Te-129m (approx.34days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Te-129 (approx.70 mins)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	10,000
Cs-136 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
Ba-140 (approx.13days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	300
La-140 (approx.40hrs)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	400

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

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

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

The detection limits of major three nuclide that are not detected are as follows: I-131: approx. 14Bq/L, Cs-134: approx. 20Bq/L, Cs-137: approx. 23Bq/L

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

【Definite Report】 Radioactivity Density of Seawater in the port of Fukushima Daiichi NPS <3/3>

Place of Sampling	Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi NPS		In front of the water intake canal of 1F's Unit 6								②Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
Time of Sampling	Apr 29, 2012 7:55 AM		N/A		N/A								
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (approx. 8 days)	ND	-	-	-	-	-							40
Cs-134 (approx. 2 years)	17	0.28	-	-	-	-							60
Cs-137 (approx. 30 years)	25	0.28	-	-	-	-							90
Mn-54 (approx.310 days)	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.70 mins)	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.

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

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Apr 18, 2012 9:49 AM	Apr 18, 2012 10:00 AM	Apr 18, 2012 10:10 AM	Apr 18, 2012 9:18 AM	N/A	N/A	Apr 18, 2012 9:40 AM
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (approx. 8 days)	ND	ND	ND	ND	-	-	ND
Cs-134 (approx. 2 years)	8.4E-01	1.2E+00	ND	ND	-	-	ND
Cs-137 (approx. 30 years)	1.3E+00	1.8E+00	ND	ND	-	-	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	-	-	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	-	-	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	-	-	ND
Ag-110m (approx.250days)	4.3E-02	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

* O.OE－O means O.O x 10-O

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

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Apr 20, 2012 9:47 AM	Apr 20, 2012 9:55 AM	Apr 20, 2012 10:00 AM	Apr 20, 2012 9:16 AM	Apr 20, 2012 9:45 AM	Apr 20, 2012 9:35 AM	Apr 20, 2012 9:20 AM
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (approx. 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (approx. 2 years)	3.7E-01	9.9E-01	ND	ND	ND	ND	ND
Cs-137 (approx. 30 years)	5.8E-01	1.6E+00	ND	ND	ND	ND	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	ND	ND	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	ND	ND	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	ND	ND	ND
Ag-110m (approx.250days)	2.5E-02	ND	ND	ND	ND	ND	ND
Te-129 (approx.70mins)	ND	ND	ND	ND	ND	ND	ND
Te-129m (approx.34days)	ND	ND	ND	ND	ND	ND	ND
Cs-136 (approx.13days)	ND	ND	ND	ND	ND	ND	ND
Ba-140(approx.13days)	ND	ND	ND	ND	ND	ND	ND
La-140 （approx. 40hrs）	ND	ND	ND	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

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

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

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Apr 25, 2012 9:54 AM	Apr 25, 2012 10:40 AM	Apr 25, 2012 10:45 AM	Apr 25, 2012 9:20 AM	N/A	N/A	Apr 25, 2012 10:10 AM
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (approx. 8 days)	ND	ND	ND	ND	-	-	ND
Cs-134 (approx. 2 years)	4.0E-01	5.6E-01	ND	ND	-	-	ND
Cs-137 (approx. 30 years)	6.1E-01	8.8E-01	ND	ND	-	-	ND
Nb-95 (approx.35days)	ND	ND	ND	ND	-	-	ND
Ru-106 (approx.370days)	ND	ND	ND	ND	-	-	ND
Sb-125 (approx.3yrs)	ND	ND	ND	ND	-	-	ND
Ag-110m (approx.250days)	1.7E-02	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

* O.OE－O means O.O x 10-O

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