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The Results of Nuclide Analyses of Radioactive Materials in the 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

(Data summarized on July 5)

Place of Collection	Shallow Draft Quay of 1F		Inside north water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 1 (outside the silt fence)		Screen of 1F's Unit 1 (inside the silt fence)		Screen of 1F's Unit 2 (outside the silt fence)		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 and date of sample collection	2011/7/4 5:28		2011/7/4 5:42		2011/7/4 5:45		2011/7/4 12:30		2011/7/4 5:53		
Detected nuclide (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	-	21	0.53	17	0.43	40
Cs-134 (about 2 years)	53	0.88	64	1.1	73	1.2	200	3.3	120	2.0	60
Cs-137 (about 30 years)	49	0.54	100	1.1	78	0.87	220	2.4	96	1.1	90

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

Data of other nuclides are under evaluation.

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In this analysis "ND" means that the result falls below the measurable threshold.

Measurable thresholds of the major 3 nuclides are as follows: I-131: approx.16Bq/L.

Because measurable thresholds is different according to the detector or sample, smaller value than it can be detected.

Reference
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The Results of Nuclide Analyses of Radioactive Materials in the 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

(Data summarized on July 5)

Place of Collection	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)		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 and date of sample collection	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)	2011/7/4 12:40	190	4.8	21	0.53	ND	-	19	0.48	ND	-	40
Cs-134 (about 2 years)	2011/7/4 6:05	1,200	20	130	2.2	3,100	52	150	2.5	1,100	18	60
Cs-137 (about 30 years)	2011/7/4 6:07	1,300	14	130	1.4	3,500	39	150	1.7	1,200	13	90
	2011/7/4 6:10											
	2011/7/4 12:50											

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

Data of other nuclides are under evaluation.

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In this analysis "ND" means that the result falls below the measurable threshold.

Measurable thresholds of the major 3 nuclides are as follows: I-131: approx.45Bq/L.

Because measurable thresholds is different according to the detector or sample, smaller value than it can be detected.

Reference

The Results of Nuclide Analyses of Radioactive Materials in the 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

(Data summarized on July 5)

Place of Collection	Inside the south of 1F's Unit 1-4 Water Intake Canal										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 and date of sample collection	2011/7/4 6:17										
Detected nuclide (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	-	/	/	/	/	/	/	/	/	40
Cs-134 (about 2 years)	290	4.8	/	/	/	/	/	/	/	/	60
Cs-137 (about 30 years)	320	3.6	/	/	/	/	/	/	/	/	90

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

Data of other nuclides are under evaluation.

In the case that there are multiple kinds of nuclides, compare the sum of each scaling factor against its density limit with 1

In this analysis "ND" means that the result falls below the measurable threshold.

Measurable thresholds of the major 3 nuclides are as follows: I-131: approx.18Bq/L.

Because measurable thresholds is different according to the detector or sample, smaller value than it can be detected.