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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, Units 1-4 screen, and the water intake canal of Units 1-4

(Data summarized on July 12)

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	2011/7/11 6:34		2011/7/11 6:45		2011/7/11 6:53		2011/7/11 6:59		2011/7/11 7:04		
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	-	29	0.73	19	0.48	ND	-	40
Cs-134 (about 2 years)	92	1.5	410	6.8	410	6.8	370	6.2	380	6.3	60
Cs-137 (about 30 years)	81	0.90	450	5.0	430	4.8	410	4.6	430	4.8	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. 22Bq/L.

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

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 12)

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)	
2011/7/11 7:08	2011/7/11 7:13	2011/7/11 7:17	2011/7/11 7:15	2011/7/11 7:20							
I-131 (about 8 days)	33	0.83	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	430	7.2	420	7.0	630	11	440	7.3	620	10	60
Cs-137 (about 30 years)	450	5.0	470	5.2	710	7.9	470	5.2	730	8.1	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. 23Bq/L.

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

Reference
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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 12)

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)
	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 ( / )	
Time and date of sample collection	2011/7/11 7:26										
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)	430	7.2									60
Cs-137 (about 30 years)	510	5.7									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. 20Bq/L.

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