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<Fukushima Daiichi Nuclear Power Station>

Result of Nuclide Analysis of the seawater at the shallow draft quay, Unit 2 screen, and the water intake canal of Unit 1-4

(Data summarized on May 6th)

Place of Collection	Shallow Draft Quay of 1F		Bar screen of 1F's Unit 2 (inside the silt fence)		Bar screen of 1F's Unit 2 (outside the silt fence)		South side of the water intake canal of 1F's Unit 1-4		North side of the water intake canal of 1F's Unit 1-4		Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> ) (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	6:18 May 5, 2011		7:30 May 5, 2011		7:20 May 5, 2011		7:08 May 5, 2011		6:40 May 5, 2011		
Detected nuclide (half-life)	Density of sample (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Density of sample (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Density of sample (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Density of sample (Bq/cm <sup>3</sup> )	Scaling factor ( / )	Density of sample (Bq/cm <sup>3</sup> )	Scaling factor ( / )	
I-131 (about 8 days)	2.0E-01	5.0	9.4E+00	240	3.9E+00	98	2.0E-01	5.0	5.1E+00	130	4E-02
Cs-134 (about 2 years)	3.0E-01	5.0	3.7E+00	62	3.9E+00	65	5.1E-01	8.5	3.7E+00	62	6E-02
Cs-137 (about 30 years)	3.1E-01	3.4	3.7E+00	41	4.0E+00	44	5.1E-01	5.7	3.8E+00	42	9E-02

. E+ means . × 10<sup>+</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

Data Comparison of Water Collected Inside the Bar Screen of 1F Unit 2 (Upper layer and Lower layer)

Reference

(Data summarized on May 6th)

Place of Collection	Bar screen of 1F's Unit 2 (inside the silt fence) Upper-layer water						
Time and date of sample collection	7:07 May 2, 2011 (Announced on May 3)	6:50 May 3, 2011 (Announced on May 4)	11:10 May 3, 2011	6:45 May 4, 2011 (Announced on May 5)	11:07 May 4, 2011	7:30 May 5, 2011 (Announced on May 6)	9:50 May 5, 2011
Detected nuclide (half-life)	Density of sample (Bq/cm <sup>3</sup> )						
I-131 (approx. 8 days)	2.3E+02	5.6E+01	2.2E+02	3.3E+01	1.3E+02	9.4E+00	6.7E+01
Cs-134 (approx. 2 years)	5.4E+00	4.4E+00	5.0E+00	4.2E+00	4.9E+00	3.7E+00	4.4E+00
Cs-137 (approx. 30 years)	5.6E+00	4.5E+00	5.2E+00	4.2E+00	5.1E+00	3.7E+00	4.5E+00

. E+ means . x 1 0+ .

Place of Collection	Bar screen of 1F's Unit 2 (inside the silt fence) Lower-layer water						
Time and date of sample collection	/	/	11:15 May 3, 2011	/	11:24 May 4, 2011	/	9:55 May 5, 2011
Detected nuclide (half-life)	Density of sample (Bq/cm <sup>3</sup> )						
I-131 (approx. 8 days)	/	/	6.2E+01	/	5.3E+01	/	2.2E+01
Cs-134 (approx. 2 years)	/	/	5.5E+00	/	5.2E+00	/	4.3E+00
Cs-137 (approx. 30 years)	/	/	5.7E+00	/	5.3E+00	/	4.5E+00