

Reference

<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 8th)

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 ³) (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	6:35 May 7, 2011		7:00 May 7, 2011		7:10 May 7, 2011		7:20 May 7, 2011		6:55 May 7, 2011	
Detected nuclide (half-life)	Density of sample (Bq/cm ³)	Scaling factor (/)	Density of sample (Bq/cm ³)	Scaling factor (/)	Density of sample (Bq/cm ³)	Scaling factor (/)	Density of sample (Bq/cm ³)	Scaling factor (/)	Density of sample (Bq/cm ³)	Scaling factor (/)	
I-131 (about 8 days)	3.0E-01	7.5	5.0E+00	130	4.1E+00	100	2.3E-01	5.8	3.4E+00	85	4E-02
Cs-134 (about 2 years)	4.7E-01	7.8	2.7E+00	45	2.2E+00	37	5.3E-01	8.8	2.1E+00	35	6E-02
Cs-137 (about 30 years)	4.9E-01	5.4	2.8E+00	31	2.3E+00	26	5.7E-01	6.3	2.3E+00	26	9E-02

. E+ means . x10⁺ .

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)

(Data summarized on May 8th)

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 (announced on May 3)	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	6:50 May 6, 2011 (announced on May 7)	9:45 May 6, 2011	7:00 May 7, 2011 (announced on May 8)	9:37 May 7, 2011
Detected nuclide (half-life)	Density of sample (Bq/cm ³)										
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	9.8E+00	6.5E+01	5.0E+00	3.7E+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	3.3E+00	3.5E+00	2.7E+00	3.4E+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	3.4E+00	3.7E+00	2.8E+00	3.5E+00

. E+ means . x10+ .

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	/	9:55 May 6, 2011	/	9:48 May 7, 2011
Detected nuclide (half-life)	Density of sample (Bq/cm ³)										
I-131 (approx. 8 days)	/	/	6.2E+01	/	5.3E+01	/	2.2E+01	/	2.5E+01	/	2.2E+01
Cs-134 (approx. 2 years)	/	/	5.5E+00	/	5.2E+00	/	4.3E+00	/	4.1E+00	/	4.3E+00
Cs-137 (approx. 30 years)	/	/	5.7E+00	/	5.3E+00	/	4.5E+00	/	4.2E+00	/	4.6E+00

. E+ means . x10+ .