

Reference
-----------

Nuclide Analysis Results of Radioactive Materials in Seawater  
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Unit1-4 < 1/2 >

(Data summarized on October 7)

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)		Screen of 1F's Unit 2 (outside the silt fence)		Screen of 1F's Unit 2 (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 of Sampling	00:00 Oct 06, 2011 07:15 Jan 00, 1900	00:00 Oct 06, 2011 07:25 Jan 00, 1900	00:00 Oct 06, 2011 07:31 Jan 00, 1900	00:00 Oct 06, 2011 07:35 Jan 00, 1900	00:00 Oct 06, 2011 07:41 Jan 00, 1900	00:00 Oct 06, 2011 07:45 Jan 00, 1900						
Detected Nuclides (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 ( / )	Density of Sample (Bq/L)	Scaling Factor ( / )	
	I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-
Cs-134 (about 2 years)	120	2.0	72	1.2	61	1.0	83	1.4	73	1.2	96	1.6	60
Cs-137 (about 30 years)	180	2.0	78	0.87	80	0.89	80	0.89	100	1.1	130	1.4	90

\* Announced density of reactor regulation is stated with an amount converted from Bq/cm<sup>3</sup> to Bq/L

\* Data of other nuclides are under evaluation.

\* 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. 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.

Reference
-----------

Nuclide Analysis Results of Radioactive Materials in Seawater  
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Unit1-4 < 2/2 >

(Data summarized on October 7)

Place of Sampling	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)		Inside the south of 1F's Units 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 of Sampling	00:00 Oct 06, 2011 07:49 Jan 00, 1900	00:00 Oct 06, 2011 07:52 Jan 00, 1900	00:00 Oct 06, 2011 07:55 Jan 00, 1900	00:00 Oct 06, 2011 07:58 Jan 00, 1900	00:00 Oct 06, 2011 08:03 Jan 00, 1900							
Detected Nuclides (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 ( / )	Density of Sample (Bq/L)	Scaling Factor ( / )	
	I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-		
Cs-134 (about 2 years)	60	1.0	950	16	220	3.7	400	6.7	81	1.4			60
Cs-137 (about 30 years)	110	1.2	1,100	12	300	3.3	530	5.9	120	1.3			90

\* Announced density of reactor regulation is stated with an amount converted from Bq/cm<sup>3</sup> to Bq/L

\* Data of other nuclides are under evaluation.

\* 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. I-131: approx. 23Bq/L

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