

Reference

Nuclide Analysis Results of Radioactive Materials in 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 28)

Place of Collection	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)		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	6:22 Jul 27, 2011		12:20 Jul 27, 2011		6:30 Jul 27, 2011		6:35 Jul 27, 2011		6:38 Jul 27, 2011	
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	-	ND	-	ND	-	40
Cs-134 (about 2 years)	36	0.60	67	1.1	39	0.65	120	2.0	170	2.8	60
Cs-137 (about 30 years)	45	0.50	100	1.1	45	0.50	150	1.7	190	2.1	90

* "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".
 * 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 threshold of the nuclide is as follows: I-131: approx. 19Bq/L.
 Please note that these nuclides are sometimes detected even when they are below the threshold depending on the detectors and characteristics of the sample..

Reference

Nuclide Analysis Results of Radioactive Materials in 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 28)

Place of Collection	Screen of 1F's Unit 2 (outside the silt fence)		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)		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)	
6:45 Jul 27, 2011	6:47 Jul 27, 2011	6:50 Jul 27, 2011	6:52 Jul 27, 2011	7:02 Jul 27, 2011							
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	64	1.1	140	2.3	170	2.8	85	1.4	93	1.6	60
Cs-137 (about 30 years)	72	0.80	160	1.8	190	2.1	100	1.1	81	0.90	90

* "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

* 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 threshold of the nuclide is as follows: I-131: approx. 18Bq/L

Please note that these nuclides are sometimes detected even when they are below the threshold depending on the detectors and characteristics of the sample..

Reference

Nuclide Analysis Results of Radioactive Materials in 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 28)

Place of Collection	Screen of 1F's Unit 4 (inside the silt fence)		Inside the south of 1F's Units 1-4 Water Intake Canal		Port entrance of Fukushima Daiichi Nuclear Power Plant						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	16:45 Jul 27, 2011	7:10 Jul 27, 2011	12:10 Jul 27, 2011							
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	-					40
Cs-134 (about 2 years)	180	3.0	77	1.3	ND	-					60
Cs-137 (about 30 years)	190	2.1	110	1.2	ND	-					90

* "Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm³".

* 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 threshold of the nuclide is as follows: I-131: approx. 14Bq/L Cs-134: approx. 25Bq/L Cs-137: approx. 28Bq/L

Please note that these nuclides are sometimes detected even when they are below the threshold depending on the detectors and characteristics of the sample..