

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 August 5)

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	6:55 Aug 04, 2011		N/A		7:03 Aug 04, 2011		7:07 Aug 04, 2011		7:12 Aug 04, 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	-	40
Cs-134 (about 2 years)	120	2.0			240	4.0	250	4.2	260	4.3	60
Cs-137 (about 30 years)	140	1.6			280	3.1	280	3.1	290	3.2	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, I-131, among representative 3 nuclides is approx. 17Bq/L .

Please note that these nuclides are sometimes detected even when they are below the threshold.

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 August 5)

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)		Scaling factor (/)		
I-131 (about 8 days)	7:16 Aug 04, 2011	ND	-	26	0.65	7:26 Aug 04, 2011	ND	-	ND	-	7:36 Aug 04, 2011	ND	-	40
Cs-134 (about 2 years)		270	4.5	470	7.8		400	6.7	930	16		500	8.3	60
Cs-137 (about 30 years)		290	3.2	520	5.8		440	4.9	1,100	12		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/ 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, I-131, among representative 3 nuclides is approx. 25Bq/L .

Please note that these nuclides are sometimes detected even when they are below the threshold.

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 August 5)

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	7:38 Aug 04, 2011	7:40 Aug 04, 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	-							40
Cs-134 (about 2 years)	810	14	480	8.0							60
Cs-137 (about 30 years)	890	9.9	520	5.8							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, I-131, among representative 3 nuclides is approx. 24Bq/L .

Please note that these nuclides are sometimes detected even when they are below the threshold.