

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 8)

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	2011/8/7 7:04 AM		N/A		2011/8/7 7:14 AM		2011/8/7 7:19 AM		2011/8/7 7:22 AM	
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)	100	1.7	/	/	320	5.3	420	7.0	440	7.3	60
Cs-137 (about 30 years)	110	1.2	/	/	380	4.2	480	5.3	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. 18Bq/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 8)

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)	2011/8/7 7:28 AM	ND	-	40	1.0	2011/8/7 7:30 AM	ND	-	ND	-	2011/8/7 7:35 AM	40
Cs-134 (about 2 years)	2011/8/7 7:40 AM	390	6.5	900	15	2011/8/7 7:35 AM	620	10	1,500	25	2011/8/7 7:35 AM	60
Cs-137 (about 30 years)		470	5.2	1,100	12		690	7.7	1,600	18		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. 28Bq/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 8)

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	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)	
2011/8/7 7:40 AM	2011/8/7 7:46 AM	N/A									
I-131 (about 8 days)	ND	-	ND	-							40
Cs-134 (about 2 years)	710	12	430	7.2							60
Cs-137 (about 30 years)	840	9.3	490	5.4							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. 21Bq/L .
 Please note that these nuclides are sometimes detected even when they are below the threshold.