

Reference

The Results of Nuclide Analyses of Radioactive Materials in the Seawater <1/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Unit 1-4

(Data summarized on July 15)

Place of Collection	Shallow Draft Quay of 1F				Inside north water intake canal of 1F's Unit 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)
	2011/7/14 7:04 AM		2011/7/14 4:00 PM		2011/7/14 7:17 AM		2011/7/14 7:23 AM		2011/7/14 7:26 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	-	20	0.50	40
Cs-134 (about 2 years)	120	2.0	46	0.77	390	6.5	370	6.2	280	4.7	60
Cs-137 (about 30 years)	160	1.8	87	0.97	440	4.9	350	3.9	310	3.4	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 thresholds of the major 3 nuclides are as follows: I-131: approx. 18Bq/L.

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

Reference

The Results of Nuclide Analyses of Radioactive Materials in the Seawater <2/3>
Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Unit 1-4

(Data summarized on July 15)

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	2011/7/14 7:31 AM		2011/7/14 7:35 AM		2011/7/14 7:41 AM		2011/7/14 7:46 AM		2011/7/14 12:45 PM		
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)	24	0.60	27	0.68	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	350	5.8	490	8.2	460	7.7	2,000	33	530	8.8	60
Cs-137 (about 30 years)	410	4.6	510	5.7	520	5.8	2,200	24	600	6.7	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 thresholds of the major 3 nuclides are as follows: I-131: approx. 32Bq/L.

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

Reference

The Results of Nuclide Analyses of Radioactive Materials in the Seawater <3/3>
 Fukushima Daiichi Nuclear Power Station; the shallow draft quay, Unit 1-4 screen, and the water intake canal of Unit 1-4

(Data summarized on July 15)

Place of Collection	Screen of 1F's Unit 4 (outside the silt fence)		Inside the south of 1F's Unit 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	2011/7/14 12:40 PM	2011/7/14 7:58 AM	2011/7/14 12:40 PM							
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)	26	0.65	ND	-	ND	-					40
Cs-134 (about 2 years)	1,000	17	480	8.0	ND	-					60
Cs-137 (about 30 years)	1,000	11	480	5.3	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 thresholds of the major 3 nuclides are as follows: I-131: approx. 20Bq/L., Cs-134 : approx. 28Bq/L, Cs-137 : approx. 30Bq/L

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