

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 18)

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	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 (/)
Time and date of sample collection	2011/08/17 06:49	-	-	-	2011/08/17 06:56	-	-	2011/08/17 07:00	-	-	2011/08/17 07:03	-
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 (/)	Density of sample (Bq/L)	Scaling factor (/)
I-131 (about 8 days)	ND	-	/	/	ND	-	ND	-	ND	-	ND	-
Cs-134 (about 2 years)	78	1.3	/	/	200	3.3	220	3.7	230	3.8	240	2.7
Cs-137 (about 30 years)	84	0.93	/	/	210	2.3	290	3.2	240	2.7	240	2.7

* "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 case that radioactivity density in seawater in this analysis is below measurable threshold(I-131 : approx. 27Bq/L), "ND" is represented.

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 18)

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)	2011/08/17 07:10	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	2011/08/17 07:13	210	3.5	320	5.3	170	2.8	500	8.3	250	4.2	60
Cs-137 (about 30 years)	2011/08/17 07:17	230	2.6	350	3.9	240	2.7	590	6.6	280	3.1	90
	2011/08/17 07:20											
	2011/08/17 07:23											

* "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 case that radioactivity density in seawater in this analysis is below measurable threshold(I-131 : approx. 19Bq/L), "ND" is represented.

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 18)

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	2011/08/17 07:26	2011/08/17 07:30	-							
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)	380	6.3	220	3.7							60
Cs-137 (about 30 years)	420	4.7	240	2.7							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 case that radioactivity density in seawater in this analysis is below measurable threshold(I-131 : approx. 21Bq/L), "ND" is represented.