

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 22)

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)
Time and date of sample collection	2111/7/21 6: :25		NA		2111/7/21 6:31		2111/7/21 6:38		2111/7/21 6:41		
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)	49	0.8	/	/	170	2.8	270	4.5	370	6.2	60
Cs-137 (about 30 years)	42	0.5	/	/	190	2.1	260	2.9	440	4.9	90

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

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 thr

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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 22)

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	2111/7/21 6:46		2111/7/21 6:49		2111/7/21 6:57		2111/7/21 7:00		2111/7/21 7:03		
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 ( / )	
I-131 (about 8 days)	ND	-	31	0.8	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	240	4.0	680	11	450	8	1,800	30	620	10.3	60
Cs-137 (about 30 years)	260	2.9	680	7.6	470	5.2	2,000	22	700	7.8	90

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

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. 27Bq/L.

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

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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 22)

Place of Collection	Screen of 1F's Unit 4 (inside 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	2111/7/21 7:07		2111/7/21 7:31		NA						
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)	1,900	32	1,100	18.3	/	/	/	/	/	/	60
Cs-137 (about 30 years)	2,100	23.3	1,200	13.3	/	/	/	/	/	/	90

"Density limit by the announcement of Reactor Regulation" shows the value in "Bq/ L" converted from the value originally in "Bq/ cm<sup>3</sup>".

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. 24Bq/L.

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