

Results of Nuclide Analyses of Radioactive Materials in the Seawater <Coast>

prompt report

(Data summarized on May 19)

Place of Collection	North of discharge canal of 1F's Unit 5, 6 (Approx. 30m north from discharge canal of Unit 5, 6)				South discharge canal of 1F (Approx. 330m south from discharge canal of Unit 1-4)				North discharge canal of 2F (discharge canal of Unit 3, 4) (Approx. 10km from 1F)		Iwanosawa coast, 2F (Approx. 7km south from discharge canal of Unit 1, 2) (Approx. 16km from 1F)		②Density 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	2011/5/19 9:30		2011/5/19 : :		2011/5/19 8:50		2011/5/19 : :		2011/5/19 : :		2011/5/19 : :	
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	ND	-			ND	-							40
Cs-134 (about 2 years)	130	2.2			71	1.2							60
Cs-137 (about 30 years)	110	1.2			73	0.81							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

prompt report

The Results of Nuclide Analyses of Radioactive Materials in the Seawater
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 May 19)

Place of Collection	Shallow Draft Quay of 1F		Inside of north water intake canal of 1F's Unit 1-4		Inside of south water intake canal of 1F's Unit 1-4		Screen of 1F's Unit 3 (outside the silt fence)		Screen of 1F's Unit 3 (inside the silt fence)		②Density 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	2011/5/19 6:18		2011/5/19 6:27		2011/5/19 7:15		2011/5/19 6:58		2011/5/19 6:58	
Detected nuclide (half-life)	Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	①Density of sample (Bq/L)	Scaling factor (①/②)	
I-131 (about 8 days)	240	6.0	2,100	53	400	10	2,200	55	5,900	150	40
Cs-134 (about 2 years)	1,200	20	9,400	160	2,100	35	10,000	170	110,000	1,800	60
Cs-137 (about 30 years)	1,300	14	9,800	110	2,300	26	11,000	120	120,000	1,300	90

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- ※ 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