

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on May 16)

Place of Sampling	North of Discharge Channel of 5-6u of 1F (approx. 30m north of 5-6u discharge channel)				Around South Discharge Channel of 1F (approx. 330m south of 1-4u Discharge Channel)				Around North Discharge Channel of 2F (Around 3,4u Discharge Channel) (approx. 10 km from		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	9:05 am on May 15, 2011		2:05 pm on May 15, 2011		8:45 am on May 15, 2011		1:50 pm on May 15, 2011		8:30 am on May 15, 2011		7:55 am on May 15, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	13	0.33	ND	-	4.7	0.12	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	100	1.7	68	1.1	66	1.1	65	1.1	34	0.57	36	0.60	60
Cs-137 (about 30 years)	100	1.1	79	0.88	68	0.76	68	0.76	22	0.24	38	0.42	90

. E - means . × 1 0 - .

Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

Results of Nuclide Analysis of Seawater <Offshore 1/2>

Reference

(Data summarized on May 16)

Place of Sampling	15 km offshore of Minamisoma City		15 km offshore of Ukedo-gawa		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		15 km offshore of Iwasawa Shore		15 km offshore of Hirono-machi		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	8:45 on May 15, 2011		10:10 on May 15, 2011		8:40 on May 15, 2011		9:10 on May 15, 2011		8:25 on May 15, 2011		7:55 on May 15, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	9.7	0.16	7.3	0.12	16	0.27	5.0	0.08	6.5	0.11	60
Cs-137 (about 30 years)	ND	-	7.9	0.09	5.3	0.06	13	0.14	ND	-	9.0	0.10	90

ND - means 10^{-4} Bq/cm³.
 Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

Results of Nuclide Analysis of Seawater <Offshore 2/2>

Reference

(Data summarized on May 16)

Place of Sampling	3 km offshore of Haramachi-ku (Upper layer)		3 km offshore of Haramachi-ku (lower layer)		3 km offshore of Odaka-ku (Upper layer)		3 km offshore of Odaka-ku (Lower layer)		3 km offshore of Iwasawa Shore (Upper layer)		3 km offshore of Iwasawa Shore (Lower layer)		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	9:20 on May 15, 2011	9:20 on May 15, 2011	9:40 on May 15, 2011	9:40 on May 15, 2011	7:20 on May 15, 2011	7:30 on May 15, 2011						
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	16	0.27	15	0.25	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	17	0.19	12	0.13	90

. E - means . × 1 0 - .

Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

Place of Sampling	8 km offshore of Odaka-ku (Upper layer)		8 km offshore of Odaka-ku (Lower layer)		8 km offshore of Iwasawa Shore (Upper layer)		8 km offshore of Iwasawa Shore (Lower layer)						Density limit by the announcement of Reactor Regulation (Bq/cm ³) (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	10:00 on May 15, 2011	10:00 on May 15, 2011	11:35 on May 15, 2011	11:35 on May 15, 2011								
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	Density of Sample (Bq/cm ³)	Scaling Factor (/)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	/	/	/	/	40
Cs-134 (about 2 years)	ND	-	ND	-	6.5	0.11	9.3	0.16	/	/	/	/	60
Cs-137 (about 30 years)	ND	-	ND	-	7.7	0.09	6.0	0.07	/	/	/	/	90

. E - means . × 1 0 - .

Data of other nuclides are under evaluation.

In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.