

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on May 24)

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 1F)		Around Iwasawa Shore of 2F (approx. 7 km south of 1,2u Discharge Channel) (approx. 16 km from 1F)		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	2011/5/23 9:15		2011/5/23 14:15		2011/5/23 9:00		2011/5/23 13:50		2011/5/23 8:45		2011/5/23 8:05	
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)	55	0.92	50	0.83	31	0.52	49	0.82	15	0.25	ND	-	60
Cs-137 (about 30 years)	59	0.66	46	0.51	32	0.36	45	0.50	20	0.22	ND	-	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L

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 24)

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	2011/5/23 no sample	2011/5/23 no sample	2011/5/23 8:15	2011/5/23 7:40	2011/5/23 8:05	2011/5/23 8:25							
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)	/	/	/	/	10	0.17	ND	-	6.2	0.10	ND	-	60
Cs-137 (about 30 years)	/	/	/	/	8.4	0.09	ND	-	5.2	0.06	ND	-	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L

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.

Samples that does not indicate "Upper Layer" or "Lower Layer" are taken from "Upper Layer".

Place of Sampling	3 km offshore of Haramachi-ku	3 km offshore of Odaka-ku	3 km offshore of Iwasawa Shore	8 km offshore of Odaka-ku	8 km offshore of Iwasawa Shore	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	2011/5/23 no sample	2011/5/23 no sample	2011/5/23 7:25	2011/5/23 no sample	2011/5/23 7:10								
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	-	/	/	40
Cs-134 (about 2 years)	/	/	/	/	7.3	0.12	/	/	7.7	0.13	/	/	60
Cs-137 (about 30 years)	/	/	/	/	7.4	0.08	/	/	9.4	0.10	/	/	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L

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.

Samples that does not indicate "Upper Layer" or "Lower Layer" are taken from "Upper Layer".

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

Reference

(Data summarized on May 24)

Place of Sampling	3 km offshore of northern part, Iwaki City (upper layer)		3 km offshore of northern part, Iwaki City (lower layer)		3 km offshore of Natsui river (upper layer)		3 km offshore of Natsui river (lower layer)		3 km offshore of Onahama port (upper layer)		3 km offshore of Onahama port (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	2011/5/23 5:00		2011/5/23 5:00		2011/5/23 5:20		2011/5/23 5:20		2011/5/23 5:40		2011/5/23 5:40	
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	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L

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.

Samples that does not indicate "Upper Layer" or "Lower Layer" are taken from "Upper Layer".

Place of Sampling	3 km offshore of Ena (upper layer)		3 km offshore of Ena (lower layer)		3 km offshore of Numanouchi (upper layer)		3 km offshore of Numanouchi (lower layer)		3 km offshore of Toyoma (upper layer)		3 km offshore of Toyoma (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	2011/5/23 6:00		2011/5/23 6:00		2011/5/23 5:35		2011/5/23 5:35		2011/5/23 5:50		2011/5/23 5:50	
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	-	6.4	0.11	ND	-	6.0	0.10	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	8.3	0.09	6.9	0.08	8.5	0.09	5.4	0.06	90

Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm³ to Bq/L

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.

Samples that does not indicate "Upper Layer" or "Lower Layer" are taken from "Upper Layer".