

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on June 6)

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/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	9:10 June 5, 2011		13:55 June 5, 2011		8:45 June 5, 2011		13:35 June 5, 2011		9:30 June 5, 2011		7:45 June 5, 2011	
Detected Nuclides (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	-	ND	-	40
Cs-134 (about 2 years)	31	0.52	33	0.55	35	0.58	41	0.68	13	0.22	10	0.17	60
Cs-137 (about 30 years)	33	0.37	40	0.44	40	0.44	41	0.46	10	0.11	13	0.14	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.

In the case that the data is below measurable limit (approximately 6Bq/L for I-131), "ND" is stated.

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

Reference

(Data summarized on June 6)

Place of Sampling	15 km offshore of MinamiSouma City Upper layer	15 km offshore of MinamiSouma City Lower layer	15 km offshore of Ukedo-gawa Upper layer	15 km offshore of Ukedo-gawa Lower layer	15 km offshore of Fukushima Daiichi Upper layer	15 km offshore of Fukushima Daiichi Lower layer	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	At 8:50 June 5, 2011		At 8:50 June 5, 2011		At 8:20 June 5, 2011			At 8:20 June 5, 2011		At 8:45 June 5, 2011		At 8:45 June 5, 2011	
Detected Nuclides (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	-	ND	-	40
Cs-134 (about 2 years)	13	0.22	11	0.18	13	0.22	9.1	0.15	ND	-	ND	-	60
Cs-137 (about 30 years)	14	0.16	11	0.12	14	0.16	11	0.12	ND	-	ND	-	90

Place of Sampling	15 km offshore of Fukushima Daini Upper layer	15 km offshore of Fukushima Daini Lower layer	15 km offshore of Iwasawa Shore Upper layer	15 km offshore of Iwasawa Shore Lower layer	15 km offshore of Hirono-machi Upper layer	15 km offshore of Hirono-machi Lower layer	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	At 9:20 June 5, 2011		At 9:20 June 5, 2011		At 10:10 June 5, 2011			At 10:10 June 5, 2011		At 10:50 June 5, 2011		At 10:50 June 5, 2011	
Detected Nuclides (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	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	12	0.20	6.3	0.11	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	8.2	0.09	11	0.12	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.

Sampling was conducted in the upper layer unless stated otherwise.

In the case that the data is below measurable limit (approximately 6Bq/L for I-131, approximately 15Bq/L for Cs-134, approximately 15Bq/L for Cs-137), "ND" is stated.

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

Reference

(Data summarized on June 6)

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/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	At 9:25 June 5, 2011		At 9:25 June 5, 2011		At 9:40 June 5, 2011		At 9:40 June 5, 2011		At 7:20 June 5, 2011		At 7:20 June 5, 2011		
Detected Nuclides (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	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	12	0.20	8.0	0.13	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	19	0.21	9.1	0.10	90

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/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	At 10:00 June 5, 2011		At 10:00 June 5, 2011		At 7:45 June 5, 2011		At 7:45 June 5, 2011						
Detected Nuclides (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	-	/	/	/	/	40
Cs-134 (about 2 years)	ND	-	ND	-	8.6	0.14	9.5	0.16	/	/	/	/	60
Cs-137 (about 30 years)	17	0.19	ND	-	10	0.11	11	0.12	/	/	/	/	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.

Sampling was conducted in the upper layer unless stated otherwise.

In the case that the data is below measurable limit (approximately 6Bq/L for I-131, approximately 15Bq/L for Cs-134, approximately 15Bq/L for Cs-137), "ND" is stated.