Nuclide Analysis Results of Radioactive Materials in Seawater < Coast>

Reference

(Data summarized on March 17)

Place of Sampling	North of Discha of 5-6u o (approx. 30m n discharge o	of 1F orth of 5-6u	Around South Channel (appox. 330m Discharge (of 1F south of 1-4u	Around North Channel (Around 3,4u Chanr (approx. 10 kr	of 2F I Discharge nel)	Around Iwasawa (appox. 7 km : Discharge ((appox. 16 kr	south of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of	
Time of Sampling	Mar 16, 08:55		Mar 16, 08:30		Mar 16, (Not sam		Mar 16, 08:00			
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 (/)	surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (about 8 days)	ND	-	ND	-	-	-	ND	-	40	
Cs-134 (about 2 years)	ND	-	ND	-	-	-	ND -		60	
Cs-137 (about 30 years)	1.3	0.01	ND	-	-	-	ND	-	90	

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

1 out of 4 samplings was cancelled due to bad weather.

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

^{*} 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.

^{* &}quot;ND" means the sampled data is below measurable limit.

I-131: approx. 0.63Bq/L, Cs-134: approx. 0.94Bq/L, Cs-137: approx. 1.1Bq/L

Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore 1/3>

Reference

(Data summarized on March 17)

Place of Sampling	3 km offsh Haramachi Wa Layer	ard Upper	3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore of Odaka Ward Lower Layer		3 km offshore of Iwasawa shore Upper Layer		3 km offshore of Iwasawa shore Lower Layer		② Density limit by the announcement of Reactor Regulation	
Time of Sampling	Mar 15, 2 (Not samp		Mar 15, 2 (Not samp		Mar 15, 2 (Not sam)		Mar 15, 2 (Not samp		Mar 15, 2 09:00 a		Mar 15, 2012 09:00 am		(Bq/L) (the density limit in the	
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (about 8 days)	-	-	-	-	-	-	-	-	ND	-	ND	-	40	
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	60	
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	ND	-	ND	-	90	

Place of Sampling	8 km offshore Ward Uppe		8 km offshore of Odaka Ward Lower Layer		8 km offshore of Iwasawa shore Upper Layer		8 km offshore of Iwasawa shore Lower Layer						② Density limit by the announcement of Reactor Regulation
Time of Sampling	Mar 15, 2 (Not sam		Mar 15, 2 (Not samp		Mar 15, 2 08:20 a		Mar 15, 2 08:20 a						(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-					40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-					60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-					90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

I-131: approx. 0.79Bq/L, Cs-134: approx. 0.96Bq/L, Cs-137: approx. 1.0Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

3 out of 12 samplings were cancelled due to bad weather.

^{*} 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.

^{* &}quot;ND" means the sampled data is below measurable limit.

Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore 2/3>

Reference

(Data summarized on March 17)

Place of Sampling	3 km offshore of North of Iwaki Upper Layer 3 km offshore of North of Iwaki 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		ore of rt Lower	② Density limit by the announcement of Reactor Regulation		
Time of Sampling	Mar 15, 2 07:30 a		Mar 15, 2 07:30 a		Mar 15, 2 07:15 a		Mar 15, 2 07:15 a		Mar 15, 2 06:30 a		Mar 15, 2012 06:30 am		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
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

Place of Sampling	3 km offshore Upper La		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		② Density limit by the announcement of Reactor Regulation
Time of Sampling	Mar 15, 2 07:35 a		Mar 15, 2 07:35 a		Mar 15, 2 07:05 a		Mar 15, 2 07:05 a		Mar 15, 2 06:50 a		Mar 15, 2012 06:50 am		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND	ı	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.

I-131: approx. 0.86Bq/L, Cs-134: approx. 1.0Bq/L, Cs-137: approx. 1.1Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

4 out of 12 samplings were cancelled due to bad weather.

^{*} 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.

^{* &}quot;ND" means the sampled data is below measurable limit.

Nuclide Analysis Results of Radioactive Materials in Seawater < Offshore 3/3>

Reference

(Data summarized on March 17)

Place of Sampling	3 km offshore of City Upper		3 km offshore of Souma City Lower Layer			5 km offshore of Souma City Upper Layer		5 km offshore of Souma City Lower Layer		ore of er Layer	5 km offshore of Kashima Lower Layer		② Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		N/A		N/A		N/A		N/A		(Bq/L) (the density limit in the
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-		-	1	-	-	-	ı	-		-	-	60
Cs-137 (about 30 years)	•	-	-	-	-	-	-	-	-	-	-	-	90

Place of Sampling Time of Sampling	5km Offsho Numanouch Layer Mar 15, 2 08:15 a	i Upper	5km Offshore of Numanouchi Lower Layer Mar 15, 2012 08:15 am										② Density limit by the announcement of Reactor Regulation (Bq/L) (the density limit in the
Detected Nuclides (Half-life)	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)	①Density of Sample (Bq/L)	Scaling Factor (1)/2)	water outside of surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-									40
Cs-134 (about 2 years)	ND	-	ND	-									60
Cs-137 (about 30 years)	ND	-	ND	-									90

^{*} Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

I-131: approx. 0.55Bq/L, Cs-134: approx. 0.85Bq/L, Cs-137: approx. 0.96Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

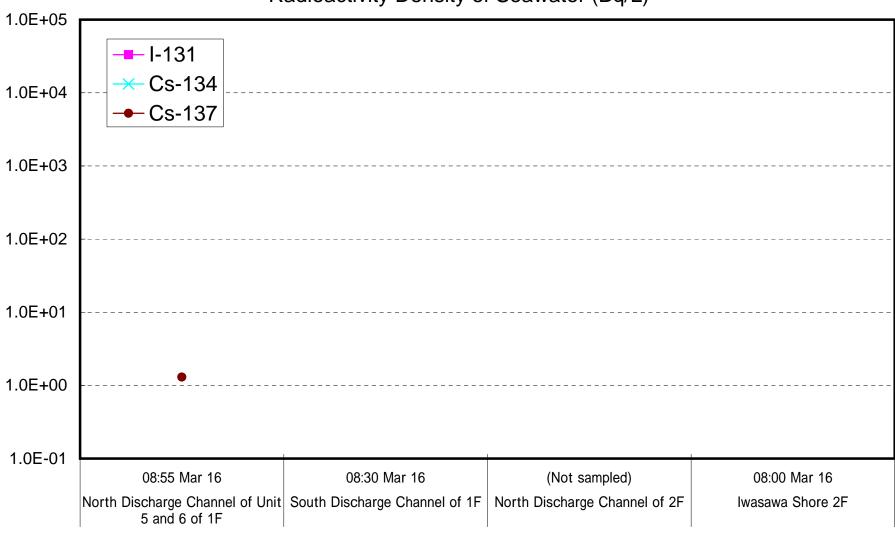
4 out of 12 samplings were cancelled due to bad weather.

^{*} Data of other nuclides are under evaluation.

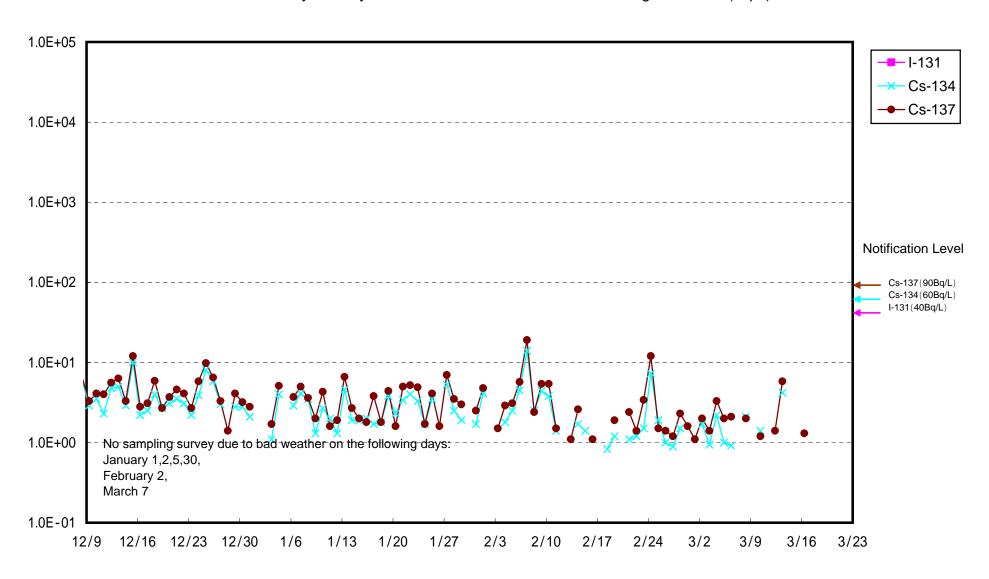
^{*} In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

^{* &}quot;ND" means the sampled data is below measurable limit.

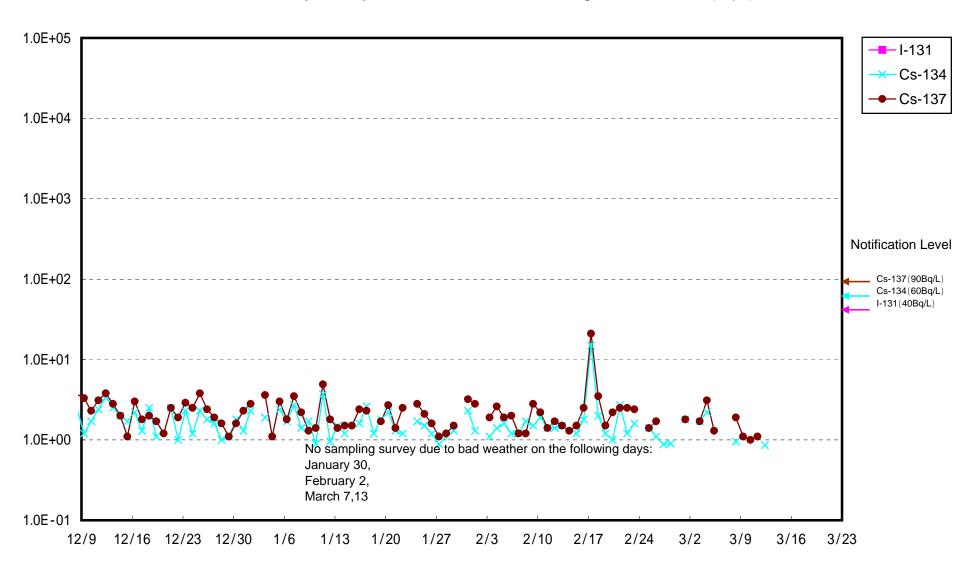
Radioactivity Density of Seawater (Bq/L)



Radioactivity Density of Seawater at North of 1F5-6 Discharge Channel (Bq/L)



Radioactivity Density of Seawater at South Discharge Channel of 1F (Bq/L)



Radioactivity Density of Seawater at Iwasawa Shore 2F (Bq/L)

