Nuclide Analysis Results of Radioactive Materials in Seawater < Coast>

Reference

(Data summarized on January 27)

Place of Sampling	North of Discha of 5-6u of (approx. 30m n discharge of	of 1F north 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 s Discharge ((appox. 16 kr	south of 1,2u Channel)	Doncity limit by the l
Time of Sampling	Jan 26 2 08:40		Jan 26 08:20		Jan 26 08:20		Jan 26 : 08:00	am	(the density limit in the water outside of
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	-	ND	-	40
Cs-134 (about 2 years)	ND	-	1.2	0.02	ND	-	ND	-	60
Cs-137 (about 30 years)	16 1 0.02		1.6 0.02		1.2 0.01		1.6 0.02		90

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

I-131: approx. 0.68Bq/L, Cs-134: 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.

^{*} 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 1/4>

Reference

(Data summarized on January 27)

												-	
Place of Sampling	15 km offsh Minami-So CityUpper	ouma	15 km offshore of Minami-Souma CityLower Layer		15 km offsh Ukedo-gawa Layei	Upper	15 km offsh Ukedo-gawa Layei	Lower	15 km offsh Fukushima Upper La	Daiichi	15 km offsh Fukushima Lower La	Daiichi	② Density limit by the announcement of Reactor Regulation
Time of Sampling	Jan 25, 2 (Not sam		Jan 25, 2 (Not sam		N/A		N/A		N/A	(the density limi		(Bq/L) (the density limit in the water outside of	
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)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90

Place of Sampling	15 km offsh Fukushima Da Layer	ini Upper	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-town Upper Layer		15 km offshore of Hirono-town Lower Layer		② Density limit by the announcement of Reactor Regulation
Time of Sampling	N/A		N/A		Jan 25, 2 (Not sam)		Jan 25, 2 (Not sam)		· ·	Jan 25, 2012 (Not sampled)		012 oled)	(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-	-	-	-	-	40
Cs-134 (about 2 years)	-	1	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90

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

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 2/4>

Reference

(Data summarized on January 27)

Place of Sampling	3 km offsho Haramachi Wa Layer	ard Upper	3 km offshore of Haramachi Ward Lower Layer		3 km offshore of Odaka Ward Upper Layer		3 km offshore Ward Lower		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	Jan 25, 2 (Not samp		Jan 25, 2012 (Not sampled)		Jan 25, 2012 08:20 am		Jan 25, 2012 08:20 am		Jan 25, 2012 08:30 am		Jan 25, 2012 08:30 am		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90

Place of Sampling	8 km offshore Ward Upper		8 km offshore Ward Lower		8 km offsho Iwasawa shor Layer	e Upper	8 km offsho Iwasawa shor Layer	e Lower					② Density limit by the announcement of Reactor Regulation
Time of Sampling	Jan 25, 2 08:55 a		Jan 25, 2012 08:55 am		Jan 25, 2012 08:55 am		Jan 25, 2012 08:55 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	-					40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-					60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-					90

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

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. 0.88Bq/L, Cs-134: approx. 0.98Bq/L, Cs-137: approx. 1.1Bq/L

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 3/4>

Reference

(Data summarized on January 27)

Place of Sampling	3 km offshore o Iwaki Upper				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		② Density limit by the announcement of Reactor Regulation
Time of Sampling	Jan 25, 2 06:35 a		Jan 25, 2 06:35 a		Jan 25, 2 07:00 a		Jan 25, 2012 07:00 am		N/A		N/A		(Bq/L) (the density limit in the water outside of
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)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	-	-	-	-	40
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	1	-	-	-	-	60
Cs-137 (about 30 years)	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	N/A		N/A		Jan 25, 2012 07:15 am		Jan 25, 2012 07:15 am		Jan 25, 2012 07:30 am		Jan 25, 2012 07:30 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	-	40
Cs-134 (about 2 years)	-	1	-	-	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	-	-	-	-	ND	-	ND	-	ND	-	ND	-	90

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

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. 0.81Bq/L, Cs-134: approx. 0.92Bq/L, Cs-137: approx. 1.1Bq/L

Nuclide Analysis Results of Radioactive Materials in Seawater < offshore 4/4>

Reference

(Data summarized on January 27)

Place of Sampling	3 km offshore City Upper		3 km offshore of Souma City Lower Layer		5 km offshore City Upper		5 km offshore of City Lower		5 km offsh Kashima Upp		5 km offsh Kashima Low		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)	-	-	-	-	-	-	-	-	-	-	-	-	60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90

Place of Sampling	5km Offsho Numanouch Layer	i Upper	5km Offsho Numanouch Layer	i Lower									② Density limit by the announcement of Reactor Regulation
Time of Sampling	Jan 25, 2 07:10 a		Jan 25, 2012 07:10 am										(Bq/L) (the density limit in the water outside of
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)	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.

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

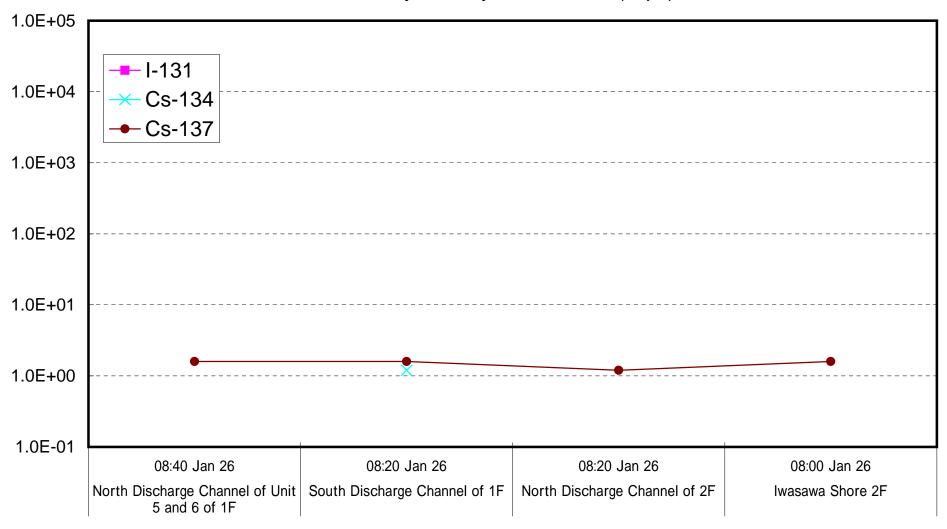
^{*} Data of other nuclides are under evaluation.

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

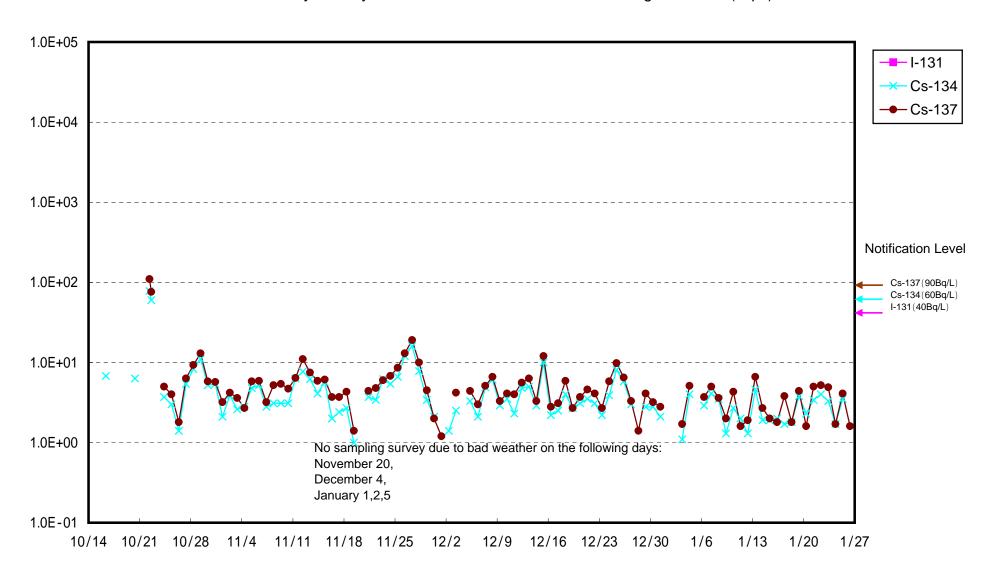
^{* &}quot;ND" means the sampled data is below measurable limit.

I-131: approx. 0.66Bq/L, Cs-134: approx. 0.79Bq/L, Cs-137: approx. 1.0Bq/L

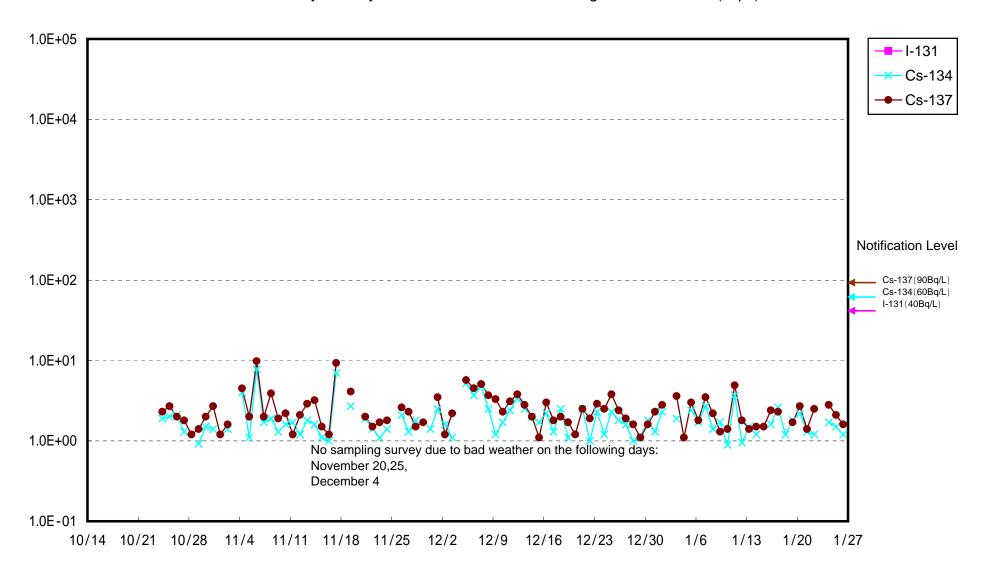
Radioactivity Density of Seawater (Bq/L)



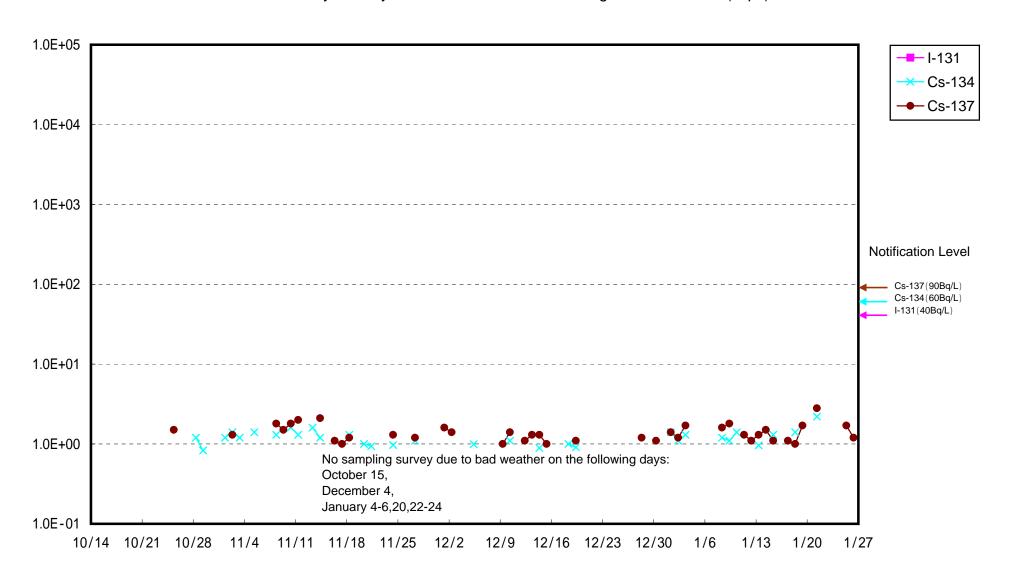
Radioactivity Density of Seawater at North of 1F5-6 Discharge Channel (Bq/L)



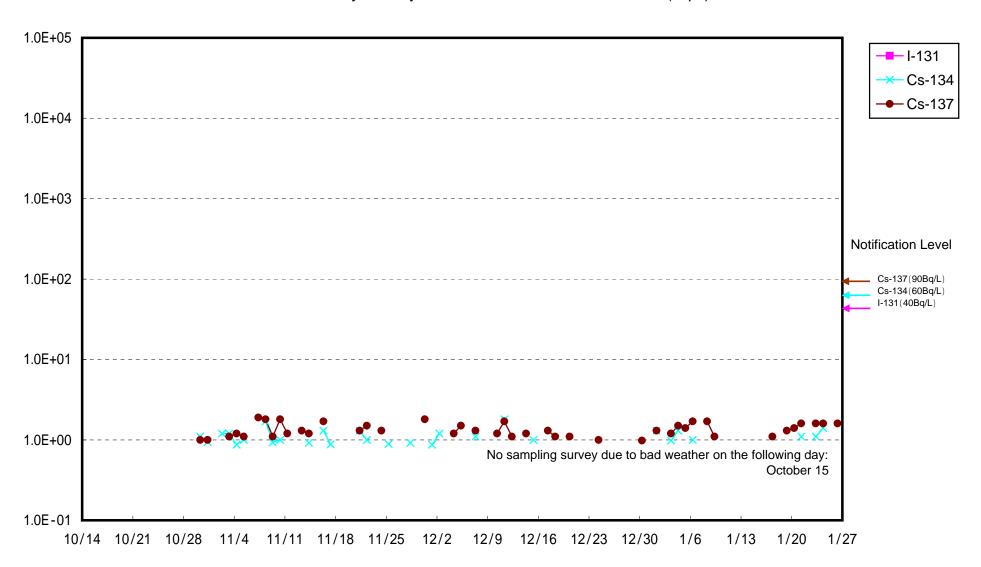
Radioactivity Density of Seawater at South Discharge Channel of 1F (Bq/L)



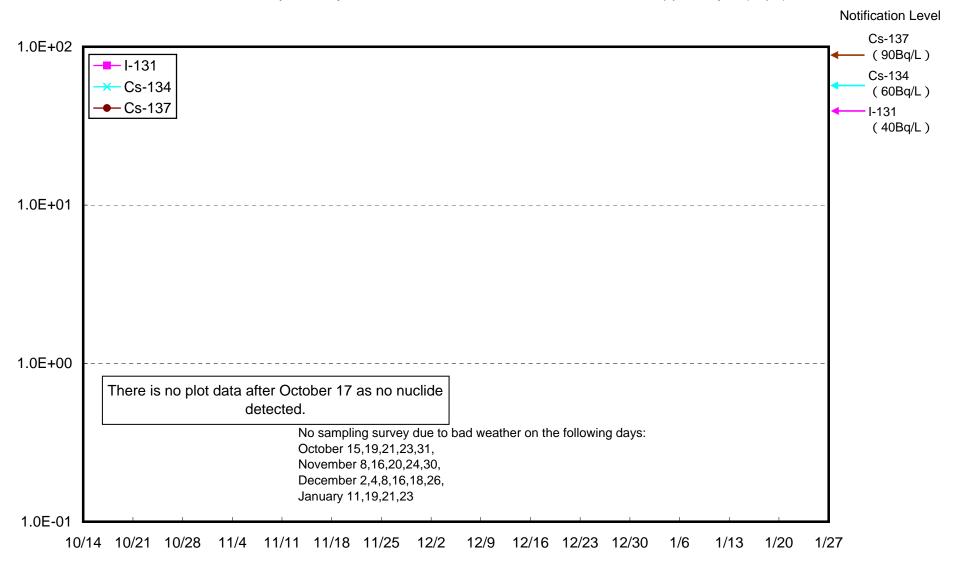
Radioactivity Density of Seawater at North Discharge Channel of 2F (Bq/L)



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



Radioactivity Density of Seawater 3km Offshore of Odaka Ward Upper Layer (Bq/L)



Radioactivity Density of Seawater 3km Offshore of Odaka Ward Lower Layer (Bq/L)

