Nuclide Analysis Results of Seawater <Coast>

Reference

(Data summarized on August 25)

Place of Sampling	North of Discha of 5-6u (approx. 30m n discharge o	of 1F orth of 5-6u	Around South Discharge Channel of 1F (appox. 330m south of 1-4u Discharge Channel)				Around North Channel (Around 3,4u Chanr (approx. 10 ki	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 (Bg/L)
Time and Date of Sample Collection	9:55 am August 24, 2011		9:40 am August 24, 2011		3:30 pm August 24, 2011		8:20 August 24		7:55 am August 24, 2011		(the density limit in the water outside of
Detected Nuclides (Half-life)	Density of Scaling Sample 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 (/)	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	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	-	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, "ND" is stated.

Detection limits of the three main nuclides on North of Discharge Channel of 5-6u of 1F and around South Discharge Channel of 1F are as follows:

I-131: approx. 9Bq/L., Cs-134: approx. 21Bq/L, Cs-137: approx. 24Bq/L.

Detection limits of the three main nuclides around North Discharge Channel of 2F and Iwasawa Shore of 2F are as follows:

I-131: approx. 4Bq/L., Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L.

Results of Nuclide Analysis of Seawater <0ffshore 1/2>

Reference

(Data summarized on August 25)

Place of Sampling	3 km offsho Haramac Upper la	hiku	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		Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	Not sampled of 24, 20	•	Not sampled of 24, 201	•	Not sampled of 24, 20		Not sampled of 24, 201	-	Not sampled on August 24, 2011		Not sampled of 24, 20	-	(Bq/L) (the density limit in the
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	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	8 km offsho Odaka W Upper la	ard ard	8 km offsho Odaka W Lower la	ard	8 km offsho Iwasawa s Upper la	shore	8 km offsho Iwasawa s Lower la	shore					Density limit by the announcement of
Place of Sampling Time and Date of Sample Collection	Odaka W	ard yer on August	Odaka W	ard yer on August	lwasawa s	shore yer on August	lwasawa s	shore yer on August					the announcement of Reactor Regulation (Bq/L)
Time and Date of	Odaka W Upper la Not sampled o	ard yer on August	Odaka W Lower la Not sampled o	ard yer on August	lwasawa s Upper la Not sampled c	shore yer on August	Iwasawa s Lower la Not sampled o	shore yer on August	Density of Sample (Bq/L)	Scaling Factor (/)	Density of Sample (Bq/L)	Scaling Factor (/)	the announcement of Reactor Regulation
Time and Date of Sample Collection Detected Nuclides	Odaka W Upper la Not sampled of 24, 20 Density of Sample	on August 11 Scaling Factor	Odaka W Lower la Not sampled o 24, 201 Density of Sample	on August 11 Scaling Factor	Not sampled of 24, 20. Density of Sample	shore yer on August 11 Scaling	Not sampled of 24, 201 Density of Sample	shore yer on August 11 Scaling Factor	Sample	Factor	Sample	Factor	the announcement of Reactor Regulation (Bq/L) (the density limit in the water outside of surrounding monitored areas in the section
Time and Date of Sample Collection Detected Nuclides (Half-life)	Odaka W Upper la Not sampled of 24, 20 Density of Sample	on August 11 Scaling Factor	Odaka W Lower la Not sampled o 24, 201 Density of Sample	on August 11 Scaling Factor	Not sampled of 24, 20. Density of Sample	shore yer on August 11 Scaling	Not sampled of 24, 201 Density of Sample	shore yer on August 11 Scaling Factor	Sample	Factor	Sample	Factor	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)

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

Results of Nuclide Analysis of Seawater <0ffshore 2/2>

Reference

(Data summarized on August 25)

Place of Sampling	30 km offsh MinamiSoun Upper la	na City	30 km offsh MinamiSoun Midde la	na City	30 km offsh MinamiSoun Lower la	na City	30 km offsh Ukedo-ga Upper la	awa	30 km offsh Ukedo-ga Middle la	awa	30 km offsh Ukedo-ga Lower la	awa	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6:05 a August 24,		6:05 a August 24		6:05 a August 24,		6:50 a August 24,		6:50 a August 24,		6:50 a August 24		(Bq/L) (the density limit in the
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 (/)	water outside of
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	5 km offshore of S Upper la	,	5 km offshore of Lower la	,	5 km offshore o City Upper la		5 km offshore o City Lower la		3 km offshore of Upper la	,	3 km offshore of Lower la	,	Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	5:25 aı August 24,		5:25 a August 24,		5:45 a August 24,		5:45 a August 24,		5:05 a August 24,		5:05 a August 24,		(Bq/L) (the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)
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	ı	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	ND	-	ND	ı	ND	-	ND	1	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.

In the case that the data is below detective limits (I-131: approx. 4Bq/L., Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L), "ND" is stated.