

## Nuclide Analysis Results of Seawater <Coast>

Reference

(Data summarized on August 29)

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 of Sampling	10:45 Aug 28 2011	10:20 Aug 28 2011		16:05 Aug 28 2011		08:15 Aug 28 2011		07:50 Aug 28 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 ( / )	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	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/cm<sup>3</sup> 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.

\* "ND" means the sampled data is below measurable limit. 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 <Offshore>

Reference

(Data summarized on August 29)

Place of Sampling	3 km offshore of Haramachi Ward Upper laver		3 km offshore of Haramachi Ward Lower laver		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper laver		3 km offshore of Iwasawa shore Lower laver		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)
	2011 Aug 28 (Not sampled)		2011 Aug 28 (Not sampled)		2011 Aug 28 (Not sampled)		2011 Aug 28 (Not sampled)		06:50 Aug 28 2011		06:50 Aug 28 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	-	40
Cs-134 (about 2 years)	/	/	/	/	/	/	/	/	ND	-	ND	-	60
Cs-137 (about 30 years)	/	/	/	/	/	/	/	/	ND	-	ND	-	90

Place of Sampling	8 km offshore of Odaka Ward Upper layer		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper laver		8 km offshore of Iwasawa shore Lower laver		/		/		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)
	2011 Aug 28 (Not sampled)		2011 Aug 28 (Not sampled)		07:15 Aug 28 2011		07:15 Aug 28 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	-	/	/	/	/	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/cm<sup>3</sup> 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.

\* "ND" means the sampled data is below measurable limit. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L