

Nuclide Analysis Results of Seawater <Coast>

Reference

(Data summarized on August 28)

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	10:00 Aug 27 2011	09:35 Aug 27 2011		14:20 Aug 27 2011		08:05 Aug 27 2011		07:40 Aug 27 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/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. 22Bq/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 28)

Place of Sampling	15 km offshore of Minami-Souma City Upper layer	15 km offshore of Minami-Souma City Lower layer	15 km offshore of Ukedo-river Upper layer	15 km offshore of Ukedo-river 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	/		08:55 Aug 27 2011	08:55 Aug 27 2011	08:20 Aug 27 2011	08:20 Aug 27 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	-	ND	-	ND	-	60
Cs-137 (about 30 years)	/		/		ND	-	ND	-	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-town Upper layer	15 km offshore of Hirono-town 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	07:50 Aug 27 2011	07:50 Aug 27 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)
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.

* 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.