

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on : July 18)

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)			
Time and Date of Sample Collection	2011/7/17 11:30	2011/7/17 11:10		N/A		2011/7/17 8:05		2011/7/17 7:45		(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 (/)	
I-131 (about 8 days)	ND	-	ND	-	/	/	ND	-	ND			-	40
Cs-134 (about 2 years)	23	0.4	ND	-	/	/	6.2	0.10	4.9			0.08	60
Cs-137 (about 30 years)	29	0.3	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 this analysis, "ND" means that the results fall below the measurable threshold.

(I-131: approx. 9Bq/L, Cs-134: approx. 23Bq/L, and Cs-137: approx. 25Bq/L)

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

Results of Nuclide Analysis of Seawater < Offshore >

Reference

(Data summarized on : July 18)

Place of Sampling	3 km offshore of Hara Town Area Upper layer		3 km offshore of Hara Town Area Lower layer		3 km offshore of Odaka Town Area Upper layer		3 km offshore of Odaka Town Area 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 (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	8:35 AM Jul 17, 2011		8:35 AM Jul 17, 2011		8:50 AM Jul 17, 2011		8:50 AM Jul 17, 2011		6:45 AM Jul 17, 2011		6:45 AM Jul 17, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	
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	8 km offshore of Odaka Town Area Upper layer		8 km offshore of Odaka Town Area Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore 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	8:10 AM Jul 17, 2011		8:10 AM Jul 17, 2011		7:05 AM Jul 17, 2011		7:05 AM Jul 17, 2011		/		/	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	Scaling Factor (/)	Density of Sample (Bq/cm3)	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

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 this analysis, "ND" means that the results fall below the measurable threshold.

(I-131: approx. 3Bq/L, Cs-134: approx. 4Bq/L, and Cs-137: approx. 4Bq/L)

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