

Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on August 11)

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)		② Density limit by the announcement of Reactor Regulation (Bq/L)		
Time and Date of Sample Collection	10:20 August 10, 2011	9:45 August 10, 2011		14:35 August 10, 2011		8:05 August 10, 2011		7:35 August 10, 2011		(the density limit in the water outside of surrounding monitored areas in the section 6 of the appendix 2)		
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)	
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 nuclides at Fukushima Daiichi (North of Units 5-6 Discharge Canal, South Discharge Canal) are as follows;

I-131: approx. 9Bq/L., Cs-134: approx. 22Bq/L.,Cs-137: approx. 24Bq/L.

Detection limits of nuclides at Fukushima Daini (North Discharge Canal, Iwasawa Shore) 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 11)

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		② 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)
	8:05 August 10, 2011		8:05 August 10, 2011		7:50 August 10, 2011		7:50 August 10, 2011		9:25 August 10, 2011		9:25 August 10, 2011		
Time and Date of Sample Collection	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
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		/		/		② 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)
	7:35 August 10, 2011		7:35 August 10, 2011		8:50 August 10, 2011		8:50 August 10, 2011						
Time and Date of Sample Collection	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	①Density of Sample (Bq/cm3)	Scaling Factor (①/②)	
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

※ 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 detection limits.

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

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