Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summerized on July 10)

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 (appox. 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 (appox. 7 km south of 1,2u Discharge Channel) (appox. 16 km from 1F)		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)
Time and Date of Sample Collection	11:35am July 9, 2011		11:15am July 9, 2011		8:05am July 9, 2011		7:45am July 9, 2011		
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)	
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	-	5.1	0.06	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 bellow 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 1/2＞

Reference

(Data summarized on：July 10)

Place of Sampling	3km offshore of Haramachi district Upper layer		3km offshore of Haramachi district Lower layer		3km offshore of Odaka district Upper layer		3km offshore of Odaka district Lower layer		3km offshore of Iwasawa coast Upper layer		3km offshore of Iwasawa coast 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)
Time and Date of Sample Collection	7:25 am July 9, 2011		7:25 am July 9, 2011		8:15 am July 9, 2011		8:15 am July 9, 2011		9:10 am July 9, 2012		9:10 am July 9, 2012		
Detected Nuclides (Half-life)	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	8km offshore of Odaka district Upper layer		8km offshore of Odaka district Lower layer		8km offshore of Iwasawa coast Upper layer		8km offshore of Iwasawa coast 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)
Time and Date of Sample Collection	7:50 am July 9, 2011		7:50 am July 9, 2011		8:55 am July 9, 2013		8:55 am July 9, 2013						
Detected Nuclides (Half-life)	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 the case that the data is below measurable limit (aproximately 6Bq/L for I-131), "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 3Bq/L、Cs-134: 5Bq/L、Cs-137: 4Bq/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 2/2＞

Reference

(Data summarized on：July 10)

Place of Sampling	Numanouchi Offshore 5km Upper Layer		Numanouchi Offshore 5km Lower Layer		Numanouchi Offshore 15km Upper Layer		Numanouchi Offshore 15km Middle Layer		Numanouchi Offshore 15km Lower Layer		Numanouchi Offshore 30km Upper 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)
Time and Date of Sample Collection	exempted from today's Analysis		exempted from today's Analysis		exempted from today's Analysis		exempted from today's Analysis		exempted from today's Analysis		7:25 am July 9, 2012		
Detected Nuclides (Half-life)	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	-	40
Cs-134 (about 2 years)											ND	-	60
Cs-137 (about 30 years)											ND	-	90

Place of Sampling	Numanouchi Offshore 30km Middle Layer		Numanouchi Offshore 30km 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)
Time and Date of Sample Collection	7:25 am July 9, 2012		7:25 am July 9, 2012										
Detected Nuclides (Half-life)	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	-									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 this analysis, "ND" means that the results fall bellow 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.