Results of Nuclide Analysis of Sea water <Coast>

Reference

(Data summerized on July 5)

採取場所	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)
試料採取日時刻	9:15 July 4, 2011		8:50 July 4, 2011		8:15 July 4, 2011		7:50 July 4, 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	-	5.5	0.09	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, "ND" is stated.
Detection limits of the three main nuclides are as follows: I-131: approx. 8Bq/L., Cs-134: approx. 20Bq/L.
However, detection limits differs depending on the detectors and sample

Results of Nuclide Analysis of Sea water <Offshore>

Reference

(Data summerized on July 5)

Place of Sampling	3km offshore ofIwaki north Upper Layer		3km offshore ofIwaki north Lower Layer		3km offshore of Natui river Upper Layer		3km offshore Natui of river Lower Layer		3km offshore of Onahama port Upper Layer		3km offshore of Onahama port 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	4:55 July 4, 2011		4:55 July 4, 2011		5:20 July 4, 2011		5:20 July 4, 2011		stop sampling July 4,2011		stop sampling July 4,2011		
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)	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	-	ND	-					90

Place of Sampling	3km offshore of Enahama port Upper Layer		3km offshore of Enahama port Lower Layer		3km offshore of Numanouchi Upper Layer		3km offshore of Numanouchi Lower Layer		3km offshore of Toyoma Upper Layer		3km offshore of Toyoma 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	Stop Sampling July 4,2011		stop sampling July 4,2011		5:30 July 4, 2011		5:30 July 4, 2011		5:45 July 4, 2011		5:45 July 4, 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)	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	-	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 are as follows: I-131: approx. 8Bq/L., Cs-134: approx. 20Bq/L.
However, detection limits differs depending on the detectors and sample