Results of Nuclide Analysis of Seawater < Coast>

Reference

(Data summarized on : July 1)

Place of Sampling	North of Discha of 5-6u of (approx. 30m n discharge of	of 1F orth of 5-6u	Around South Channel (appox. 330m Discharge (of 1F south of 1-4u	Around North Channel (Around 3,4u Chanr (approx. 10 kr	of 2F I Discharge nel)	Around Iwasawa (appox. 7 km : Discharge ((appox. 16 kr	south of 1,2u Channel)	Density limit by the announcement of Reactor Regulation (Bq/L)	
Time and Date of Sample Collection	9:55 a June 30,		9:35 a June 30,		8:15 a June 30,		7:55 a June 30,		(the density limit in the water outside of	
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 (/)	surrounding monitored areas in the section 6 of the appendix 2)	
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40	
Cs-134 (about 2 years)	42	0.70	19	0.32	ND		ND	-	60	
Cs-137 (about 30 years)	46	0.51	22	0.24	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. 4Bq/L.

However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

Results of Nuclide Analysis of Seawater < Offshore 1/2 >

Reference

(Data summarized on: July 1)

Place of Sampling	MinamiSouma City Minami		15 km offshore of MinamiSouma City Lower layer		15 km offshore of Ukedo-gawa Upper layer		15 km offshore of Ukedo-gawa 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
Time and Date of Sample Collection	8:55 a June 30, 2		8:55 a June 30, 2		8:30 a June 30, 2		8:30 aı June 30, 2		9:00 am June 30, 2011		9:00 am June 30, 2011		(Bq/L) (the density limit in the
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	water outside of surrounding monitored areas in the section 6 of the appendix 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	Fukushima	n offshore of 15 km offshore of shima Daini Fukushima Daini poer layer Lower layer		15 km offshore of Iwasawa Shore Upper layer		15 km offshore of Iwasawa Shore Lower layer		15 km offshore of Hirono- machi Upper layer		15 km offshore of Hirono- machi Lower layer		Density limit by the announcement of Reactor Regulation	
Time and Date of Sample Collection	8:25 a June 30, 2		8:25 am June 30, 2011		7:30 am June 30, 2011		7:30 am June 30, 2011		7:05 am June 30, 2011		7:05 am June 30, 2011		(Bq/L) (the density limit in the
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 (/)	water outside of surrounding monitored areas in the section 6 of the appendix 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

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: 4Bq/L, Cs-137: 5Bq/L

However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.

Results of Nuclide Analysis of Seawater < Offshore 2/2 >

Reference

(Data summarized on : July 1)

Place of Sampling	North Iwaki C 3km Upper La		North Iwaki C 3km Lower La		Natsui-gawa 3km Upper La		Natsui-gawa 3km Lower La		Onahama Port 3km Upper La		Onahama Port 3km Lower La		Density limit by the announcement of Reactor Regulation
Time and Date of Sample Collection	6:35 aı June 30, 2		6:35 aı June 30, 2		6:00 a June 30, 2		6:00 a June 30, 2		6:00 am June 30, 2011		6:00 am June 30, 2011		(Bq/L) (the density limit in the
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	water outside of surrounding monitored areas in the section 6 of the appendix 2)						
I-131 (about 8 days)	ND	-	ND	-	40								
Cs-134 (about 2 years)	ND	-	ND	-	ND	-	ND	-	ND		ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	90								

Place of Sampling	Ena Offshor Upper La		Ena Offshore 3km Lower Layer		Numanouchi Offshore 3km Upper Layer		Numanouchi Offshore 3km Lower Layer		Toyoma Offshore 3km Upper Layer		Toyoma Offshore 3km Lower Layer		announcement of Reactor Regulation (Bq/L) (the density limit in the
Time and Date of Sample Collection	6:15 aı June 30, 2	15 am 6:19 30, 2011 June 3			5:50 am June 30, 2011		5:50 am June 30, 2011		5:40 am June 30, 2011		5:40 am June 30, 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	water outside of surrounding monitored areas in the section 6 of the appendix 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

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: 4Bq/L, Cs-137: 5Bq/L

However, detection limits differs depending on the detectors and samples types, and therefore may be detected, under figures below.