## Nuclide Analysis Results of Seawater < Coast>

Reference

(Data summarized on September 28)

	(244 341114123 31 35)												
Place of Sampling	North of Discha of 5-6u (approx. 30m r discharge o	of 1F north of 5-6u	Around		arge Channel o -4u Discharge		Around North Channel ( Around 3,4u Chanr ( approx. 10 ki	of 2F u Discharge nel)	Around Iwasawa ( appox. 7 km s Discharge ( ( appox. 16 kr	south of 1,2u Channel)	announcement of Reactor Regulation (Bq/L)		
Time of Sampling	10:20 Sep 27 2011		09:55 Sep	27 2011	N/A		08:25 Sep 27 2011		08:00 Sep 27 2011		(the density limit in the water outside of surrounding		
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 ( / )	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)	ND	-	ND	-	-	-	ND	ND -		-	60		
Cs-137 (about 30 years)	ND	-	ND	-	-	-	ND	-	ND	-	90		

<sup>\*</sup> Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

<sup>\*</sup> Data of other nuclides are under evaluation.

<sup>\*</sup> In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

<sup>\* &</sup>quot;ND" means the sampled data is below measurable limit. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L

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

Reference

(Data summarized on September 28)

Place of Sampling	3 km offshore of Haramachi Ward Upper layer layer layer		3 km offshore of Odaka Ward Upper layer		3 km offshore of Odaka Ward Lower layer		3 km offshore of Iwasawa shore Upper layer		3 km offshore of Iwasawa shore Lower layer		Density limit by the announcement of			
Time of Sampling	2011 Sep 2 sample		2011 Sep 27 S sample		2011 Sep 27 9 (Not samp		2011 Sep 27 9/27 (Not sa	9/2/ 9/2/	9/27 9/27	11 Sep 27 9/27 9/27 2011 Sep 27 9/27 9/2 9/27 9/27 (Not 9/27 9/27 9/27 (Not sampled)		'27 (Not	Reactor Regulation (Bq/L) (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	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)	-	-	-	-	-	-	-	-	-	-	-	-	40	
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-	-	-	-	-	60	
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-	-	-	-	-	90	

Place of Sampling	8 km offshore Ward Uppe		8 km offshore of Odaka Ward Lower layer		8 km offshore of Iwasawa shore Upper layer		8 km offshore of Iwasawa shore Lower Iayer						Density limit by the announcement of
Time of Sampling	2011 Sep 27 9 9/27 9/27 9/ (Not sam	7 9/27 9/27   2011 Sep 27 9/27 9/27   9/27 9/27   9/27 9/27 9/27		2011 Sep 27 9/27 9/27 9/27 9/27 9/27 9/27 9/27 (Not sampled)		2011 Sep 27 9/27 9/27 9/27 9/27 9/27 9/27 9/27 9/27 9/27 (Not sampled)						Reactor Regulation (Bq/L) (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	Density of Sample (Bq/L)	Scaling Factor	Density of Sample (Bq/L)	Scaling Factor	areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-	-	-	-	-					40
Cs-134 (about 2 years)	-	-	-	-	-	-	-	-					60
Cs-137 (about 30 years)	-	-	-	-	-	-	-	-					90

<sup>\*</sup> Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

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

Reference

(Data summarized on September 28)

Place of Sampling	3 km offshore of Souma City Upper layer City Low		3 km offshore of City Lower				5 km offshore City Lower		5 km offshore of Kashima City Upper layer		5 km offshore of Kashima City Lower layer		Density limit by the announcement of Reactor Regulation
Time of Sampling	06:00 Sep 2	06:00 Sep 27 2011 06:00 Se		7 2011	06:25 Sep 27 2011		06:25 Sep 27 2011		06:45 Sep 27 2011		06:45 Sep 27 2011		(Bq/L) (the density limit in the
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	Density of Sample (Bq/L)	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	ı	ND	ı	ND	-	ND	-	ND	-	ND	-	60
Cs-137 (about 30 years)	ND	-	ND	-	ND	-	ND	-	ND	-	ND	-	90

Place of Sampling	5km Offshore of Numanouchi Upper Layer  2011 Sep 27 (Not 2011 Sep 27 9/27 (Not										Density limit by the announcement of Reactor Regulation (Bq/L)		
Time of Sampling	sample	•	sampled)										(the density limit in the
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	Density of Sample (Bq/L)	Scaling Factor	surrounding monitored areas in the section 6 of the appendix 2)
I-131 (about 8 days)	-	-	-	-									40
Cs-134 (about 2 years)	-	-	-	-									60
Cs-137 (about 30 years)	-	-	-	-									90

<sup>\*</sup> Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm3 to Bq/L.

<sup>\*</sup> Data of other nuclides are under evaluation.

<sup>\*</sup> In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

<sup>\* &</sup>quot;ND" means the sampled data is below measurable limit. I-131: approx. 4Bq/L, Cs-134: approx. 6Bq/L, Cs-137: approx. 9Bq/L