

## Results of Nuclide Analysis of Seawater <Shore>

Reference

(Data collected on April 12th)

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 of 1F)		Statutory Density Limit (Bq/cm <sup>3</sup> )
	Time and Date of sample collection	8:40, April 11th, 2011		14:20, April 11th, 2011		8:30, April 11th, 2011		14:00, April 11th, 2011		8:30, April 11th, 2011		8:00, April 11th, 2011	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	4.7E+00	120	6.9E+00	173	9.7E-01	24	9.5E-01	24	1.3E+00	33	1.4E+00	35	4E-02
Cs-134 (about 2 years)	2.5E+00	42	6.1E+00	102	1.1E+00	18	1.3E+00	22	1.1E+00	18	1.2E+00	20	6E-02
Cs-137 (about 30 years)	2.6E+00	29	6.2E+00	69	1.1E+00	12	1.3E+00	14	1.1E+00	12	1.2E+00	13	9E-02

. E - means . × 10<sup>-</sup>  
Data of other nuclides are under evaluation.

## Results of Nuclide Analysis of Seawater <Offshore>

Reference

(Data collected on April 12th)

Place of sampling	Around 15 km off the coast of Minami Soma city				Around 15 km off the coast of Ukedogawa River				15 km off the coast of 1F's property				Statutory Density Limit (Bq/cm <sup>3</sup> )
	Time and Date of sample collection		Cancelled (The second implementation, April 11th, 2011)		10:00, April 11th, 2011		11:18, April 11th, 2011		9:31, April 11th, 2011		10:53, April 11th, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	9.2E-01	23.0	/	/	2.7E-01	6.8	2.4E-01	6.0	2.2E-01	5.5	1.9E-01	4.8	4E-02
Cs-134 (about 2 years)	7.6E-01	13	/	/	2.0E-01	3.3	1.9E-01	3.2	1.5E-01	2.5	1.5E-01	2.5	6E-02
Cs-137 (about 30 years)	7.6E-01	8.4	/	/	2.0E-01	2.2	2.0E-01	2.2	1.6E-01	1.8	1.5E-01	1.7	9E-02

E - means  $\times 10^{-}$   
 Data of other nuclides are under evaluation.

Place of sampling	15 km off the coast of 2F's property				Around 15 km off the coast of Iwasawa Shore				Around 15 km off the coast of Hirono Town				Statutory Density Limit (Bq/cm <sup>3</sup> )
	Time and Date of sample collection		10:27, April 11th, 2011		8:37, April 11th, 2011		9:58, April 11th, 2011		8:10, April 11th, 2011		9:30, April 11th, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	2.0E-01	5.0	2.1E-01	5.3	4.9E-02	1.2	4.0E-02	1.0	1.6E-02	0.40	8.1E-03	0.20	4E-02
Cs-134 (about 2 years)	1.5E-01	2.5	1.7E-01	2.8	3.7E-02	0.62	3.1E-02	0.52	ND	-	5.9E-03	0.10	6E-02
Cs-137 (about 30 years)	1.4E-01	1.6	1.7E-01	1.9	3.5E-02	0.39	3.2E-02	0.36	ND	-	7.5E-03	0.08	9E-02

E - means  $\times 10^{-}$   
 Data of other nuclides are under evaluation.