

## Results of Nuclide Analysis of Seawater <Coast>

Reference

(Data summarized on May 26)

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 from 1F)		② Density limit by the announcement of Reactor Regulation (Bq/cm <sup>3</sup> )  (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	At 8:55 May 25, 2011		At 13:30 May 25, 2011		At 8:40 May 25, 2011		At 13:10 May 25, 2011		At 8:55 May 25, 2011		At 8:20 May 25, 2011	
Detected Nuclides (Half-life)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	①Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor (①/②)	
I-131 (about 8 days)	7.1	0.18	ND	-	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	40	0.67	76	1.3	35	0.58	61	1.0	18	0.30	23	0.38	60
Cs-137 (about 30 years)	55	0.61	76	0.84	45	0.50	51	0.57	ND	-	33	0.37	90

※ Density by the announcement of Reactor Regulation is stated with an amount converted from Bq/cm<sup>3</sup> 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.

※ "ND" is stated in case the radioactivity density of seawater is below the detection limit(I-131: about 6Bq/L, Cs-137: about 15Bq/L) under this analysis.