

## Nuclide Analysis Results of Seawater <Coast>

Reference

(Data summarized on December 11)

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 )	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 of Sampling	Dec 10, 2011 08:45 am	Dec 10, 2011 08:20 am	Dec 10, 2011 08:00 am	Dec 10, 2011 07:35 am					
Detected Nuclides (Half-life)	Density of Sample (Bq/L)	Scaling Factor ( / )	Density of Sample (Bq/L)	Scaling Factor ( / )					
I-131 (about 8 days)	ND	-	ND	-	ND	-	ND	-	40
Cs-134 (about 2 years)	3.5	0.06	1.7	0.03	1.1	0.02	ND	-	60
Cs-137 (about 30 years)	4.1	0.05	2.3	0.03	1.4	0.02	1.2	0.01	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" means the sampled data is below measurable limit.

I-131: approx. 0.83Bq/L, Cs-134: approx. 0.84Bq/L

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.