

The result of the nuclide analysis of the seawater

Reference

(Data collected on April 8th)

Time and date of sample collection	8:50, April 7th, 2011			
Place of collection	Around the water discharge (north) of Unit 5 and 6 of Fukushima Daiichi Nuclear Power Station (approx. 30m north from the water discharge of Unit 5 and 6)			
Manner of measurement	Bringing 500 ml of the sample to Fukushima Daiichi Nuclear Power Station and measuring it with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	①Density of sample (Bq/cm ³)	②Detection limit density (Bq/cm ³)	③Statutory reactor density limit Bq/cm ³	Scaling factor (①/③)
I-131 (About 8 days)	1.1E+02	1.5E-01	4E-02	2800
Cs-134 (About 2 years)	6.7E+01	1.3E-01	6E-02	1100
Cs-137 (About 30 years)	6.8E+01	1.2E-01	9E-02	760

※ 〇.〇E-〇 means 〇.〇×10-〇.

※ Data of other nuclide is under examination.

The result of the nuclide analysis of the seawater

Reference

(Data collected on April 8th)

Time and date of sample collection	14:20, April 7th, 2011			
Place of collection	Around the water discharge (north) of Unit 5 and 6 of Fukushima Daiichi Nuclear Power Station (approx. 30m north from the discharge canal of Unit 5 and 6)			
Manner of measurement	Bringing 500 ml of the sample to Fukushima Daini Nuclear Power Station and measuring it with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	①Density of sample (Bq/cm ³)	②Detection limit density (Bq/cm ³)	③Statutory reactor density limit Bq/cm ³	Scaling factor (①/③)
I-131 (About 8 days)	3.2E+01	7.9E-02	4E-02	800
Cs-134 (About 2 years)	2.0E+01	6.5E-02	6E-02	330
Cs-137 (About 30 years)	2.0E+01	5.8E-02	9E-02	220

※ 〇.〇E-〇 means 〇.〇×10-〇.

※ Data of other nuclide is under examination.