

The result of the nuclide analysis of the seawater

(Data are collected on March 24th)

Time and date of sample collection	9:10 a.m., March 23rd, 2011			
Place of collection	Around the discharge canal (north) of Unit 5 and 6 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 Daiichi Nuclear Power Station and measuring 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)
Co-58 (About 71 days)	5.7E-02	3.1E-02	1E+00	0.1
I-131 (About 8 days)	2.7E+00	2.5E-02	4E-02	66.6
I-132 (About 2 hours)	2.9E+00	7.7E-02	3E+00	1.0
Cs-134 (About 2 years)	1.8E+00	2.4E-02	6E-02	29.9
Cs-136 (About 13 days)	2.3E-01	2.5E-02	3E-01	0.8
Cs-137 (About 30 years)	1.9E+00	2.4E-02	9E-02	21.4
Tc-99m (About 6 hours)	8.3E-02	2.5E-02	4E+01	0.0
Te-129 (About 70 minutes)	7.3E+00	3.8E+00	1E+01	0.7
Te-129m (About 34 days)	1.3E+00	6.1E-01	3E-01	4.2
Te-132 (About 3 days)	1.6E+00	2.1E-02	2E-01	7.8
Ba-140 (About 13 days)	1.3E-01	9.4E-02	3E-01	0.4
La-140 (About 2 days)	5.5E-02	1.2E-02	4E-01	0.1