

The result of the nuclide analysis of the seawater

(Data collected on March 27th)

Time and date of sample collection	14:30, March 26th, 2011			
Place of collection	Around the discharge canal (south) of Fukushima Daiichi Nuclear Power Station (approx. 330m south from the discharge canal of Unit 1 to 4)			
Manner of measurement	Bringing 500 ml of the sample to Fukushima Daini Nuclear Power Station and measuring with the Germanium semi-conductor detector			
Measurement time	1,000 seconds			
Nuclide of detection (half-life)	Density of sample (Bq/cm ³)	Detection limit density (Bq/cm ³)	Statutory reactor density limit Bq/cm ³	scaling factor (/)
Co-58 (About 71days)	7.3E-02	4.7E-02	1.0E+00	0.1
Tc-99m (About 8days)	1.2E-01	6.0E-02	4.0E+01	0.0
Te-129 (About 70minutes)	3.0E+00	2.5E+00	1.0E+01	0.3
Te-129m (About 34days)	1.3E+00	1.0E+00	3.0E-01	4.3
I-131 (About 8days)	7.4E+01	6.5E-02	4.0E-02	1850.5
I-132 (About 2hours)	3.8E+00	7.4E-02	3.0E+00	1.3
Te-132 (About 3days)	1.0E+00	5.2E-02	2.0E-01	5.2
Cs-134 (About 2years)	1.2E+01	4.9E-02	6.0E-02	196.7
Cs-136 (About 13days)	1.3E+00	5.2E-02	3.0E-01	4.2
Cs-137 (About 30years)	1.2E+01	4.9E-02	9.0E-02	133.4
Ba-140 (About 13days)	1.8E+00	2.0E-01	3.0E-01	6.0
La-140 (About 2days)	8.7E-01	1.6E-01	4.0E-01	2.2

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