

# Results of Nuclide Analysis of Seawater <Coast and Offshore>

Exhibit

(Data summarized on May 8)

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)		15 km offshore of Fukushima Daiichi		15 km offshore of Fukushima Daini		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	April 18, 2011		April 18, 2011		April 18, 2011		April 18, 2011		
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	Density of Sample (Bq/cm <sup>3</sup> )	Scaling Factor ( / )	
I-131 (about 8 days)	4.0E-01	10	1.8E-01	4.5	1.1E-01	2.8	2.0E-01	5.0	4E-02
Cs-134 (about 2 years)	6.8E-01	11	5.3E-01	8.8	1.5E-01	2.5	2.8E-01	4.7	6E-02
Cs-137 (about 30 years)	7.4E-01	8.2	5.4E-01	6.0	1.5E-01	1.7	2.9E-01	3.2	9E-02
Sr-89 (about 51 days)	6.2E-02	0.21	4.5E-02	0.15	3.5E-02	0.12	6.9E-02	0.23	3E-01
Sr-90 (about 29 years)	7.7E-03	0.26	5.8E-03	0.19	4.6E-03	0.15	9.3E-03	0.31	3E-02

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In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

I - 131, C s - 134 and C s - 137 were announced on April 19.

Analyses organization : Japan Chemical Analysis Center ( S r - 89 , 90 )、Tokyo Electric Power Company ( I - 131 , C s - 134 , C s - 137 )

(Evaluation)

It is conceivable that S r - 89 and 90 were detected at the coast and offshore due to the effect of the accident.

The results indicated they are below density limit compared with the announcement of Reactor Regulation.