

Nuclides Analysis Result of Radioactive Materials in the Seawater

(Data summarized on August 8)

Place of Sampling (Place No.)	Central Area of Sendai Bay (T-MG5) Upper Layer		3km Offshore of Oarai Shore (T-C) Upper Layer		/		② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Date of Sampling	Jul 1, 2014	Jul 8, 2014	/			
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	ND	—	ND	—	/		60
Cs-137 (Approx. 30 years)	0.0044	0.00	ND	—	/		90
Sr-90 (Approx. 29 years)	ND	—	ND	—	/		30

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* Radioactivity Density "—" means "not applicable".

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis result of Cs-134 and Cs-137 was released on July 18 and August 8, 2014.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

Cs-134: Approx. 1.0Bq/L, Cs-137: Approx. 1.1Bq/L, Sr-90: Approx. 0.009Bq/L

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

* Sr-90 was analyzed by Japan Chemical Analysis Center

(Evaluation)

Sr-90 was not detected in the sample collected this time.