Reference

Nuclides Analysis Result of the Radioactive Materials in the Seawater
< Coast, Fukushima Daiichi Nuclear Power Station >

(Data summarized on May 30)

Place of Sampling	North of Unit 5-6 Discharge Channel at 1F (Approx. 30m North of Unit 5-6 Discharge Channel)		Around 1F South Discharge Channel of 1F (Appox. 330m South of Unit 1-4 Discharge Channel)		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.)
Time of Sampling	May 29, 2012 8:35 AM		May 29, 2012 8:15 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	-	ND	-	40
Cs-134 (Approx. 2 years)	ND	-	ND	-	60
Cs-137 (Approx. 30 years)	ND	-	ND	-	90

* The density specified by the Reactor Regulation is converted from Bq/cm^3 to Bq/L.
* Data of other nuclides is under evaluation.
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.
* "ND" indicates that the measurement result is below the detection limit.
I-131: Approx. 0.52Bq/L, Cs-134: Approx.1.3Bq/L, Cs-137: Approx.1.6Bq/L
As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are de

Nuclides Analysis Result of Radioactive Materials in the Seawater < 1/2 >

(Data summarized on May 30)

Place of Sampling	North of Unit 5-6 Discharge Channel (Approx. 30m North from Unit 5-6 Dicharge Chennel)		Around the South Discharge Channel at Fukushima Daiichi NPS (Approx. 330m South from Unit 1-4 Discharge Channel)		15km Offshore of Fukushima Daiichi NPS (T-5) 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	Mar 12, 2012		Mar 12, 2012		Apr 13, 2012		
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)	
I-131 (Approx. 8 days)	ND	-	ND	-	―	―	40
Cs-134 (Approx. 2 years)	ND	-	0.86	0.01	0.035	0.00	60
Cs-137 (Approx. 30 years)	1.4	0.02	ND	-	0.049	0.00	90
H-3 (Approx. 12 years)	ND	-	ND	-	ND	―	60,000
All α	ND	-	ND	-	ND	―	―
All β	ND	-	ND	-	ND	―	―
Sr-89 (Approx. 51 days)	**	-	**	-	**	―	300
Sr-90 (Approx. 29 years)	**	-	**	-	**	―	30

* The density specified by the Reactor Regulation is converted from Bq/cm^3 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.
* The analysis results of Cs-134 and Cs-137 will be announced on March 13 and May 17.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
I-131: Approx. 0.68Bq/L, Cs-134: Approx.0.94Bq/L, Cs-137: Approx.1.0Bq/L, H-3: Approx. 2.7Bq/L, All α: Approx. 3.5Bq/L, All β: Approx. 19Bq/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-89 and Sr-90 are under analysis.

(Evaluation)
H-3, all α and all β nuclides were not detected in the samples collected this time.

Nuclides Analysis Result of Radioactive Materials in the Seawater < 2/2 >

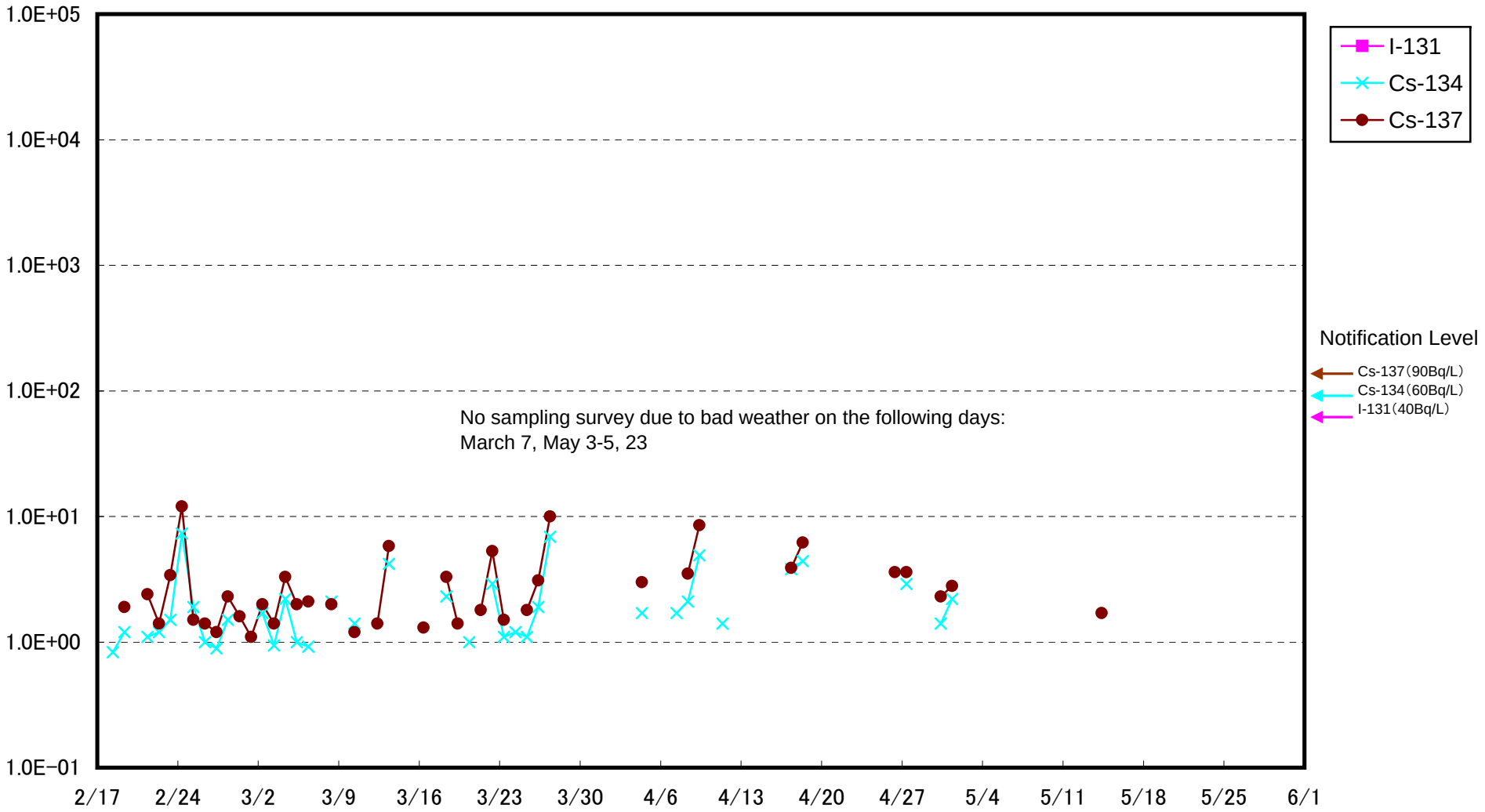
(Data summarized on May 30)

Place of Sampling	3km Offshore of Ukedo River (T-D1) Upper Layer		3km Offshore of Fukushima Daiichi NPS (T-D5) Upper Layer		3km Offshore of Fukushima Daini NPS (T-D9) 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	Apr 10, 2012		Apr 10, 2012		Apr 13, 2012		
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)	
I-131 (Approx. 8 days)	—	—	—	—	—	—	40
Cs-134 (Approx. 2 years)	0.031	0.00	0.053	0.00	0.069	0.00	60
Cs-137 (Approx. 30 years)	0.044	0.00	0.071	0.00	0.088	0.00	90
H-3 (Approx. 12 years)	ND	—	ND	—	ND	—	60,000
All α	ND	—	ND	—	ND	—	—
All β	ND	—	ND	—	ND	—	—
Sr-89 (Approx. 51 days)	—	—	—	—	—	—	300
Sr-90 (Approx. 29 years)	—	—	—	—	—	—	30

* The density specified by the Reactor Regulation is converted from Bq/cm^3 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.
* The analysis results of Cs-134 and Cs-137 will be announced on May 17.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  H-3: Approx. 2.8Bq/L, All α: Approx. 3.2Bq/L, All β: Approx. 18Bq/L
  As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detecte

(Evaluation)
H-3, all α and all β nuclides were not detected in the samples collected this time.

Radioactivity Density of the Seawater at the North of 1F Unit 5-6 Discharge Channel (Bq/L)



Radioactivity Density of the Seawater at 1F South Discharge Channel (Bq/L)