Reference

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

(Data summarized on June 12)

Place of Sampling	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel)		Around South Discharge Channel of Fukushima Daiichi NPS (Appox. 1.3km 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	Jun 11, 2014 7:30 AM		Jun 11, 2014 5:40 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(0.63)	-	ND(0.58)	-	40
Cs-134 (Approx. 2 years)	ND(0.66)	-	ND(0.78)	-	60
Cs-137 (Approx. 30 years)	ND(0.75)	-	ND(0.59)	-	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, which is provided in parentheses.

Nuclides Analysis Result of Radioactive Materials in the Seawater <1/3>

(Data summarized on June 12)

Place of Sampling (Place No.)	Around North Discharge Channel of Fukushima Daini NPS (T-3) (Around Unit 3, 4 Discharge Channel) (Approx. 10km of Fukushima Daiichi NPS)		South Side of the Ukedo Port (T-6) (Appox. 5.5km North of Unit 5, 6 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.)
Date of Sampling	Apr 15, 2014		Apr 22, 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)	0.032	0.00	0.018	0.00			60
Cs-137 (Approx. 30 years)	0.092	0.00	0.053	0.00			90
H-3 (approx. 12yrs)	ND	—	ND	—			60,000
Gross β	ND	—	ND	—			—

* The density specified by the Reactor Regulation is converted from Bq/cm^3 to Bq/L.
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.
* Nuclide analysis results of Cs-134 and Cs-137 were announced on May 21.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  H-3: Approx. 0.32Bq/L, Gross β: Approx. 16Bq/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.

(Evaluation)

H-3 and Gross β were not detected in the sample collected this time.

Nuclides Analysis Result of Radioactive Materials in the Seawater <2/3>

(Data summarized on June 12)

Place of Sampling (Place No.)	15km Offshore of Fukushima Daiichi NPS (T-5) Upper Layer		3km Offshore of Ukedo River (T-D1) Upper Layer		3km Offshore of Fukushima Daiichi NPS (T-D5) 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 17, 2014		Apr 17, 2014		Apr 17, 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)	0.0027	0.00	0.0082	0.00	0.01	0.00	60
Cs-137 (Approx. 30 years)	0.0075	0.00	0.022	0.00	0.027	0.00	90
H-3 (approx. 12yrs)	ND	—	ND	—	ND	—	60,000
Gross β	—	—	—	—	—	—	—
Gross α	ND	—	ND	—	ND	—	—
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.
* Nuclide analysis results of Cs-134, Cs-137 were announced on April 11 and May 14 and 21, 2014.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  H-3: Approx. 0.27Bq/L, Gross β: Approx. 17Bq/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.

(Evaluation)

H-3 and Gross β were not detected in the sample collected this time.

Nuclides Analysis Result of Radioactive Materials in the Seawater <3/3>

(Data summarized on June 12)

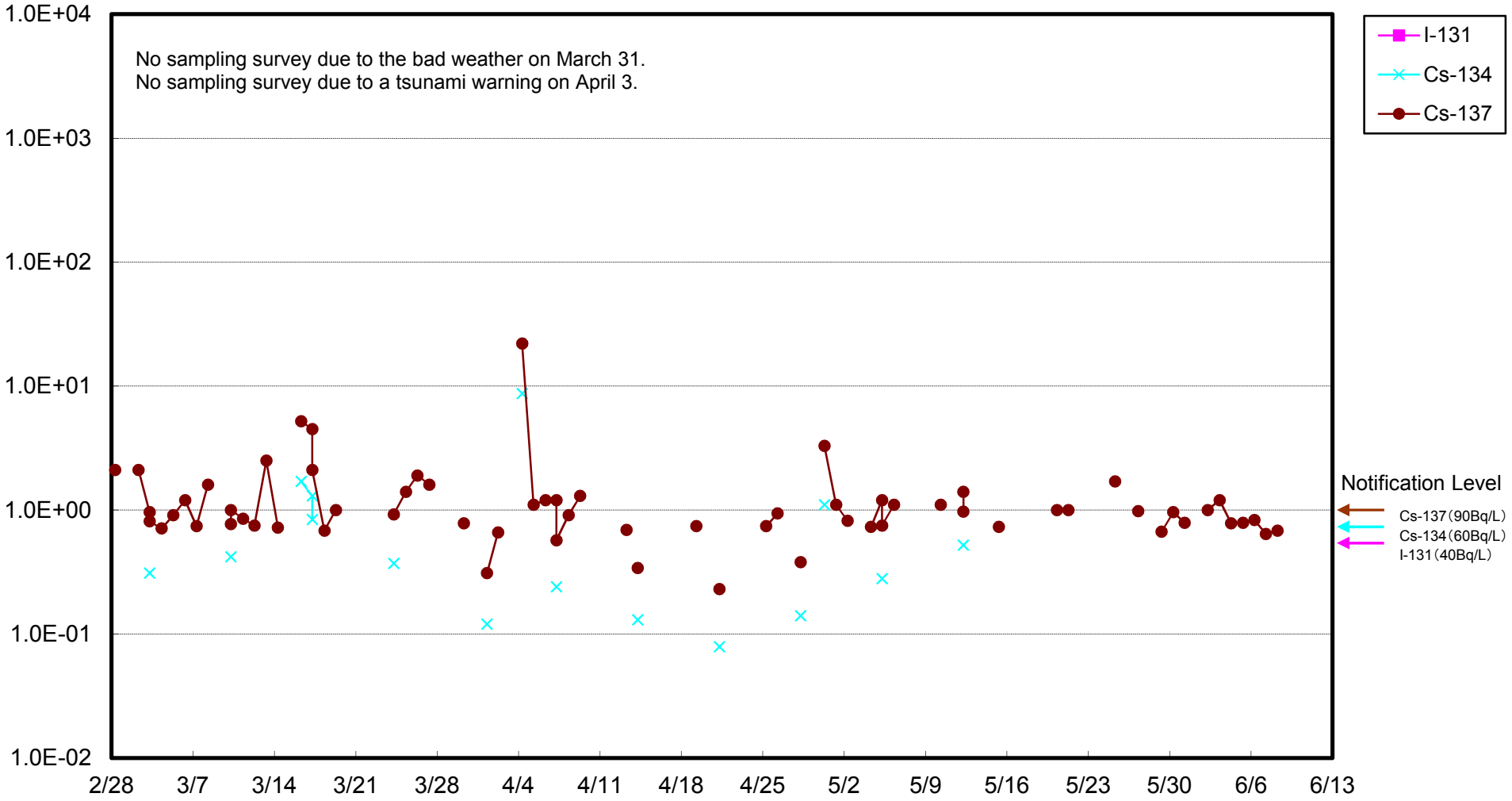
Place of Sampling (Place No.)	3km Offshore of Fukushima Daini NPS (T-D9) Upper Layer						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
Date of Sampling	Apr 17, 2014						
Detected 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)	0.0059	0.00					60
Cs-137 (Approx. 30 years)	0.013	0.00					90
H-3 (approx. 12yrs)	ND	—					60,000
Gross β	—	—					—
Gross α	ND	—					—
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.
* Nuclide analysis results of Cs-134, Cs-137 were announced on April 11 and May 14, 2014.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
  H-3: Approx. 0.27Bq/L, Gross β: Approx. 17Bq/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.

(Evaluation)

H-3 and Gross β were not detected in the sample collected this time.

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



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