Reference

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

(Data summarized on March 19)

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	Mar 18, 2014 7:25 AM		Mar 18, 2014 5:34 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(0.72)	-	ND(0.72)	-	40
Cs-134 (Approx. 2 years)	ND(0.62)	-	ND(0.81)	-	60
Cs-137 (Approx. 30 years)	0.68	0.01	ND(0.64)	-	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.

Analysis Result of Pu in the Seawater at Fukushima Daiichi Nuclear Power Station <1/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/L)

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
1F, North of Unit 1-4 Water Intake Channel	Apr 15, 2013	N.D. [4.7×10^{-4}]	N.D. [5.2×10^{-4}]

[ ] shows below the detection limit.

2. Analytical Institution
   KAKEN Inc.

3. Evaluation:
   Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

Analysis Result of Pu in the Seawater at Fukushima Daiichi Nuclear Power Station <2/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/L)

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
1F, North of Unit 1-4 Water Intake Channel	May 13, 2013	N.D. [5.4×10^{-4}]	N.D. [5.9×10^{-4}]

[ ] shows below the detection limit.

2. Analytical Institution
   KAKEN Inc.

3. Evaluation:
   Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

Analysis Result of Pu in the Seawater at Fukushima Daiichi Nuclear Power Station <3/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/L)

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
1F, North of Unit 1-4 Water Intake Channel	Jun 10, 2013	N.D. [8.5×10^{-4}]	N.D. [9.4×10^{-4}]

[ ] shows below the detection limit.

2. Analytical Institution
KAKEN Inc.

3. Evaluation:
Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

Analysis Result of Pu in the Seawater at Fukushima Daiichi Nuclear Power Station <4/4>

1. Measurement Result: (Data summarized on March 19)

(Unit: Bq/L)

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
1F, North of Unit 1-4 Water Intake Channel	Jul 15, 2013	N.D. [5.3×10^{-4}]	N.D. [5.8×10^{-4}]

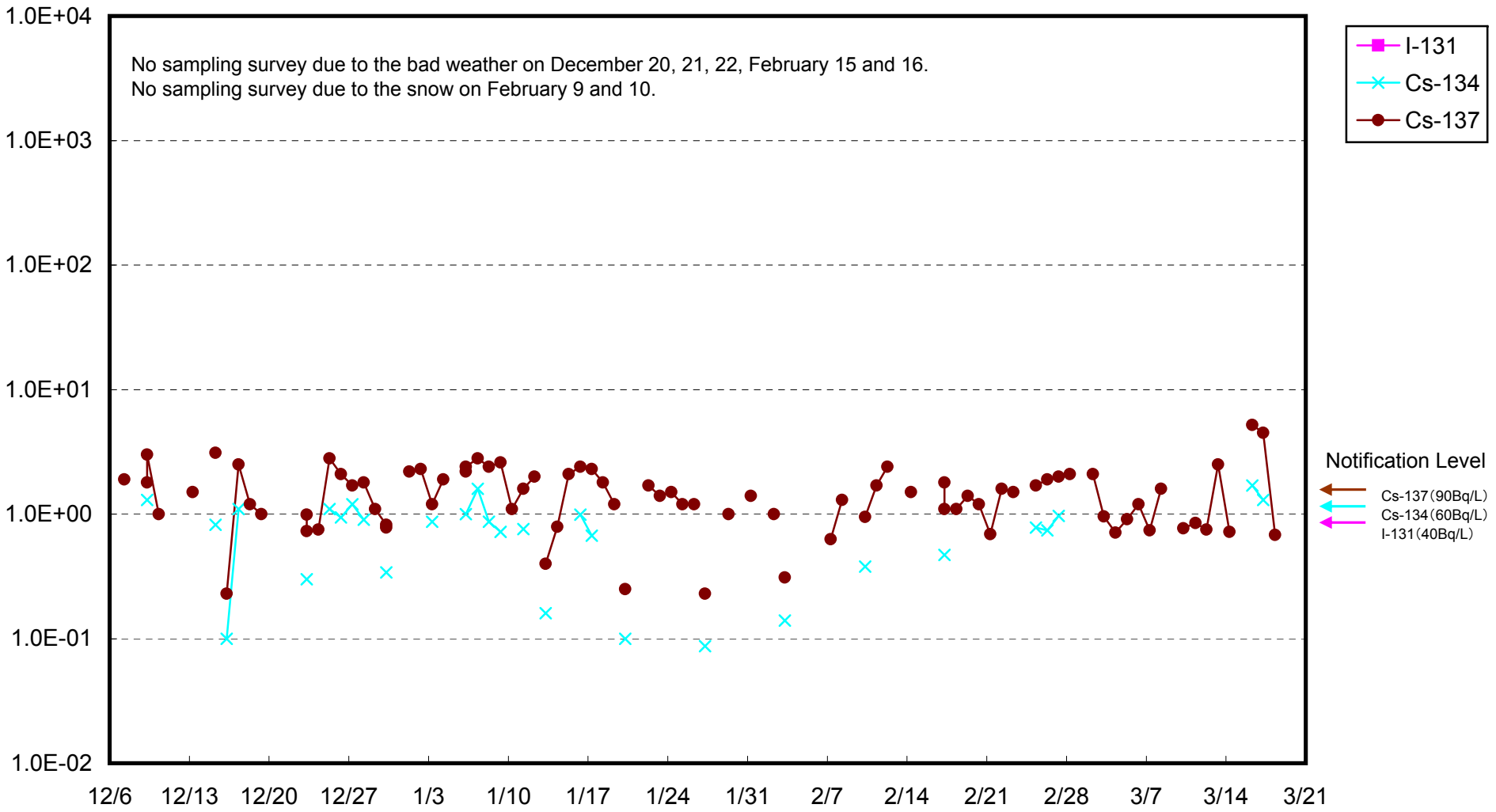
[ ] shows below the detection limit.

2. Analytical Institution
   KAKEN Inc.

3. Evaluation:
   Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

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)