Reference

Radioactivity Density of the Seawater in the Port of Fukushima Daiichi NPS＜1/2＞

(Data summarized on November 7)

Place of Sampling	Shallow Draft Quay at Fukushima Daiichi NPS*				Inside Unit 1-4 Water Intake Canal (North) at Fukushima Daiichi NPS (North side of the East Seawall Break)		Unit 1 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall)		Unit 2 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall)		Seawater at Unit 4 Screen		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	Nov 6, 2014 7:19 AM		N/A		Nov 6, 2014 7:43 AM		Nov 6, 2014 7:24 AM		Nov 6, 2014 7:33 AM		Nov 6, 2014 7:36 AM		
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)	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	-	ND	-	ND	-	ND	-	40
Cs-134 (Approx. 2 years)	ND	-	-	-	4.0	0.07	9.0	0.15	9.8	0.16	14	0.23	60
Cs-137 (Approx. 30 years)	ND	-	-	-	15	0.17	25	0.28	26	0.29	48	0.53	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 2 nuclides or more, 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. 3Bq/L, Cs-134: Approx.2Bq/L, Cs-137: Approx.3Bq/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. ＊ The sampling will be performed after opening and closing of the silt fence.

Reference

Radioactivity Density of the Seawater in the Port of Fukushima Daiichi NPS＜2/2＞

(Data summarized on November 7)

Place of Sampling	Inside Unit 1-4 Water Intake Canal (South) at Fukushima Daiichi NPS（in front of Impermeable Wall)		Port Entrance of Fukushima Daiichi NPS＊				In Front of Unit 6 Water Intake Canal at 1F		Port Center at Fukushima Daiichi NPS				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	Nov 6, 2014 7:40 AM		N/A		N/A		Nov 6, 2014 7:12 AM		Nov 6, 2014 7:46 AM				
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)	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	-	ND	-			40
Cs-134 (Approx. 2 years)	19	0.32	-	-	-	-	ND	-	ND	-			60
Cs-137 (Approx. 30 years)	63	0.70	-	-	-	-	ND	-	2.5	0.03			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 2 nuclides or more, 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. 3Bq/L, Cs-134: Approx.2Bq/L, Cs-137: Approx.3Bq/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. ＊ * At these points, sampling is carried out once a week. (As for the port entrance, also sampled on the day the silt fence was opened/shut or covering work was carried out in the port.)

Nuclides Analysis Result of Radioactive Materials in the Seawater of Unit 1 - 4 Intake

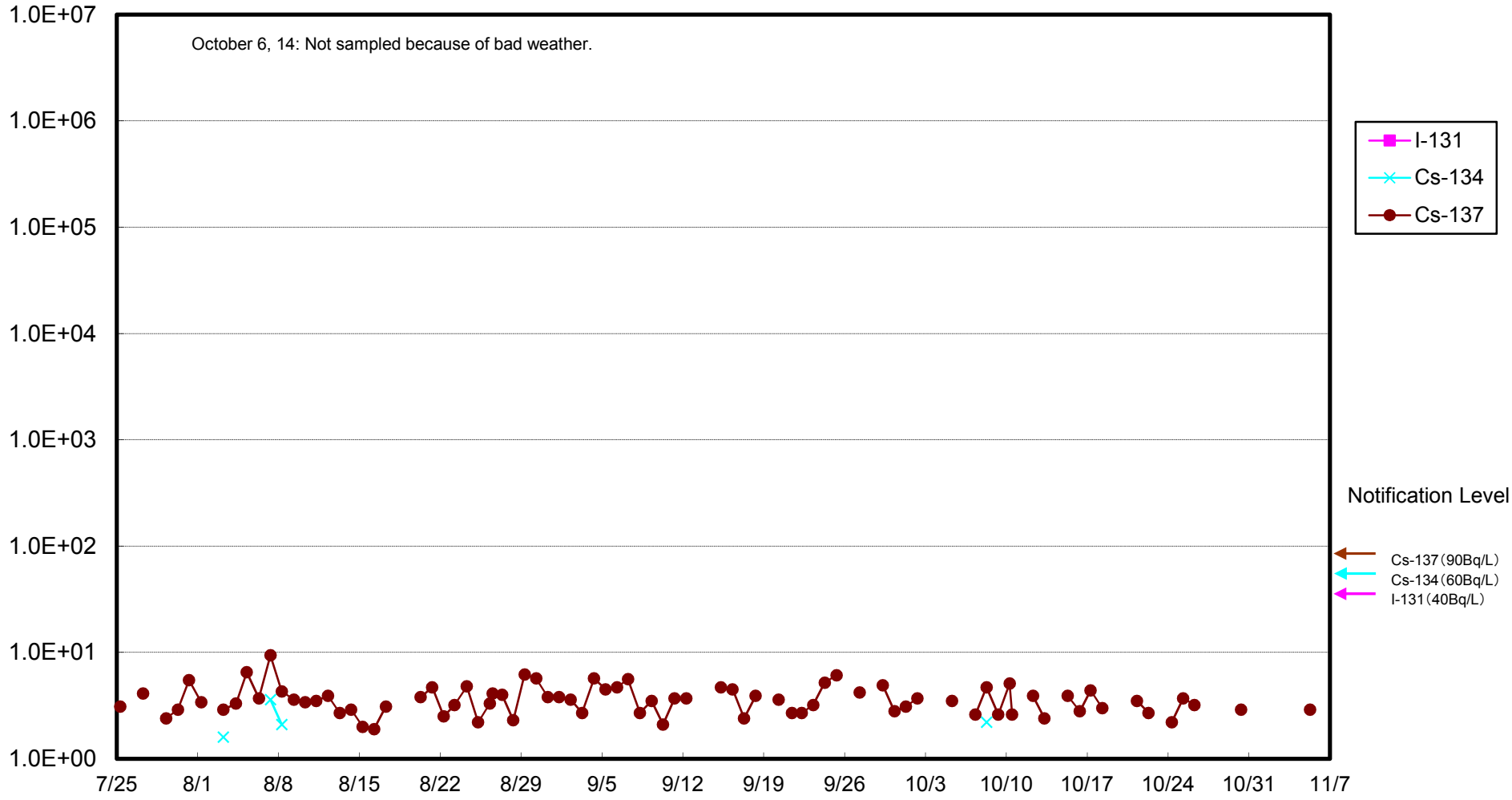
(Data summarized on November 7)

Place of Sampling	North of Unit 1-4 Water Intake at Fukushima Daiichi NPS		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	Sep 1, 2014		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
I-131 (Approx. 8 days)	ND	—	40
Cs-134 (Approx. 2 years)	7.7	0.13	60
Cs-137 (Approx. 30 years)	19	0.21	90
H-3 (approx. 12yrs)	200	0.00	60,000
All α	ND	—	—
All β	100	—	—
Sr-90 (Approx. 29 years)	53	1.8	30

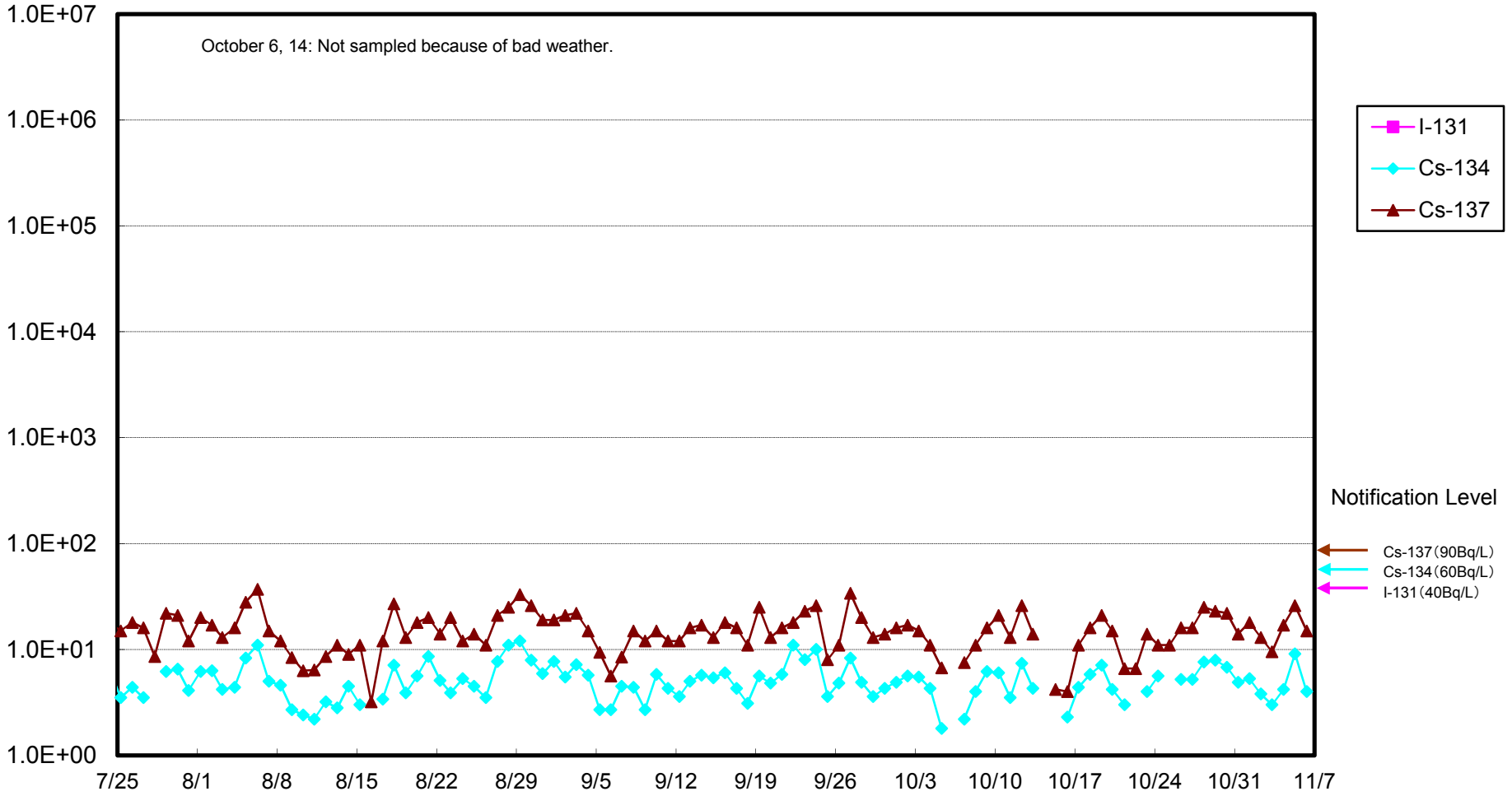
* The density specified by the Reactor Regulation is converted from Bq/cm^3 to Bq/L.
* In the case of 2 nuclides or more, the sum of scaling factors to density limits is compared to 1.
* Nuclide analysis results of I-131, Cs-134, Cs-137 and All-β were announced on September 2. H-3 were announced on September 5.
* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.
I-131: Approx. 2.4Bq/L, All α: Approx. 2.8Bq/L

(Evaluation)
Although H-3, gross β, And Sr-90 were detected supposedly as a result of this accident. H-3 is less than the density limit in the water which is specified by the announcement.

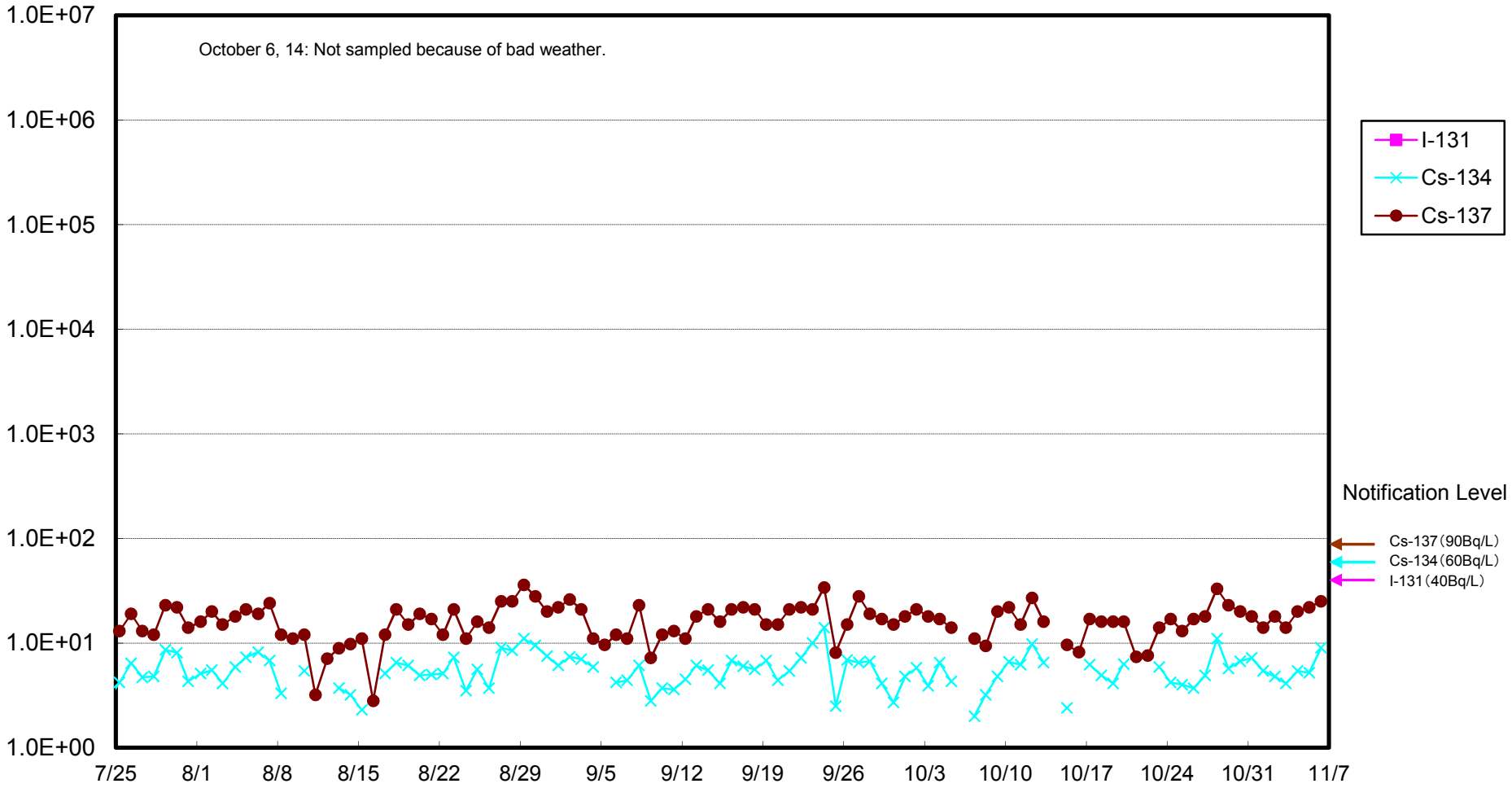
Radioactivity Density of the Seawater in Front of the Shallow Draft Quay at 1F (Bq/L)



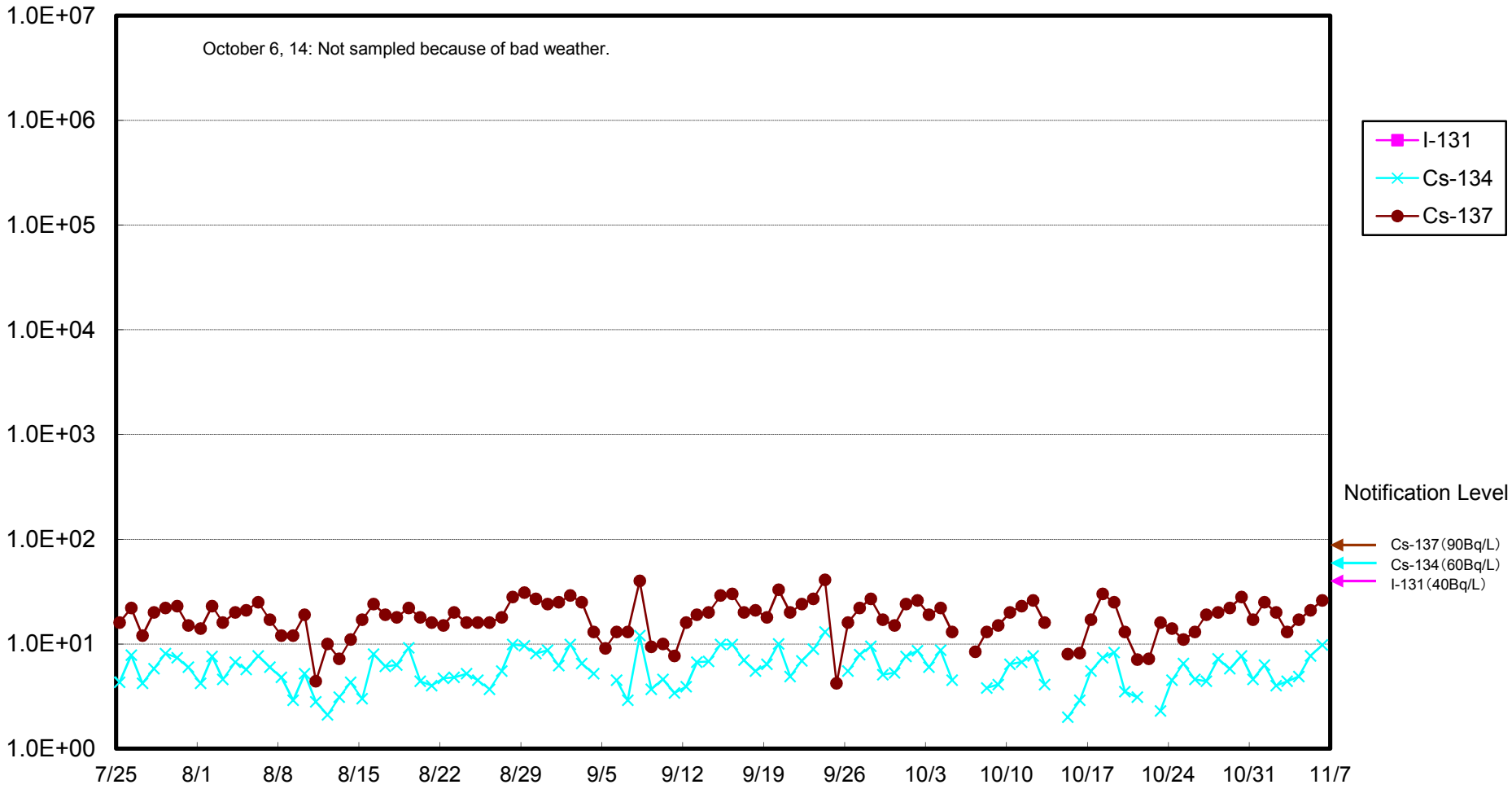
Radioactivity Density of the Seawater at the North of Unit 1-4 Water Intake (North of East Seawater Break of Fukushima Daiichi NPS (Bq/ L)



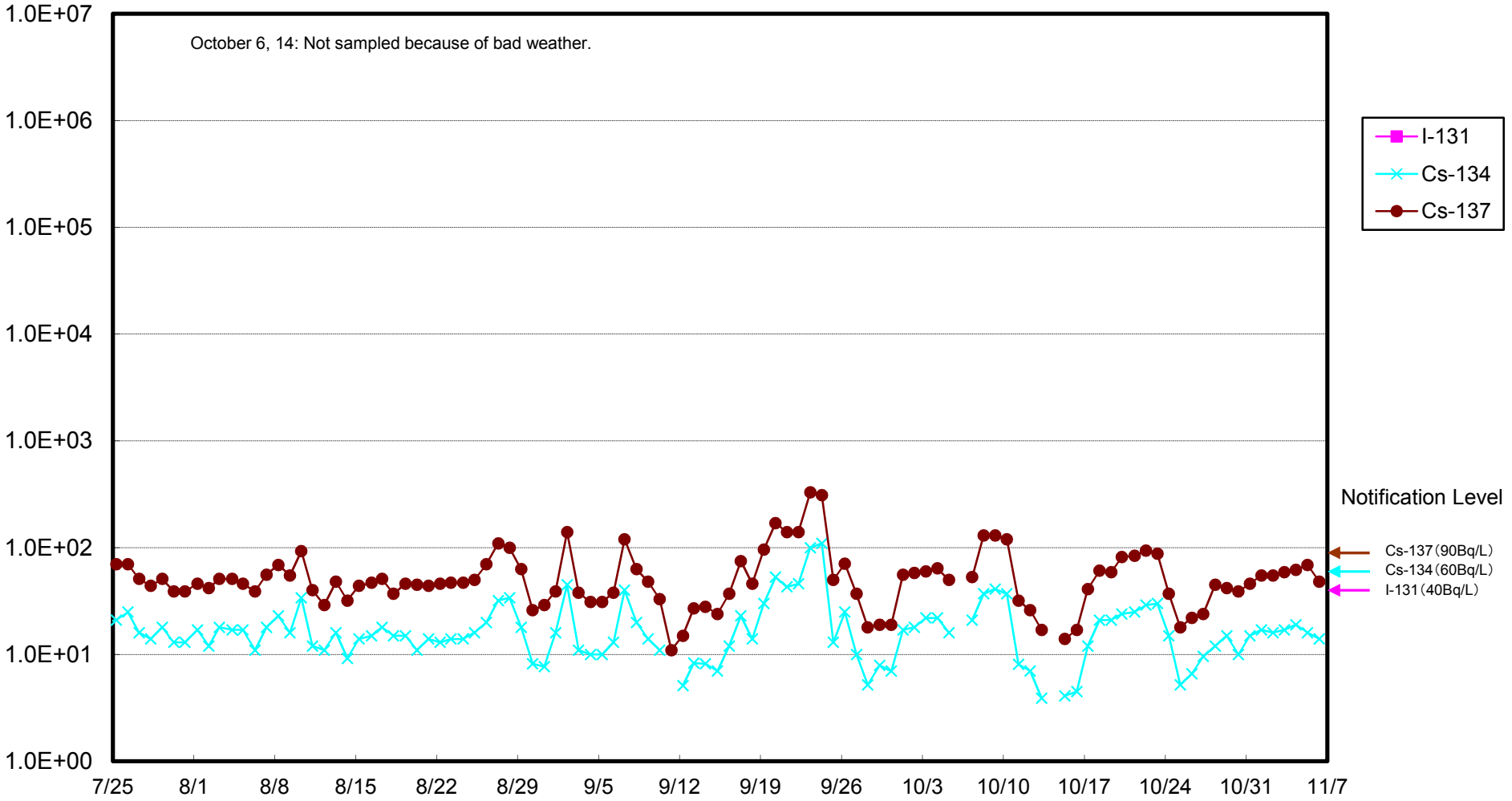
Radioactivity Density of the Seawater of Unit 1 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



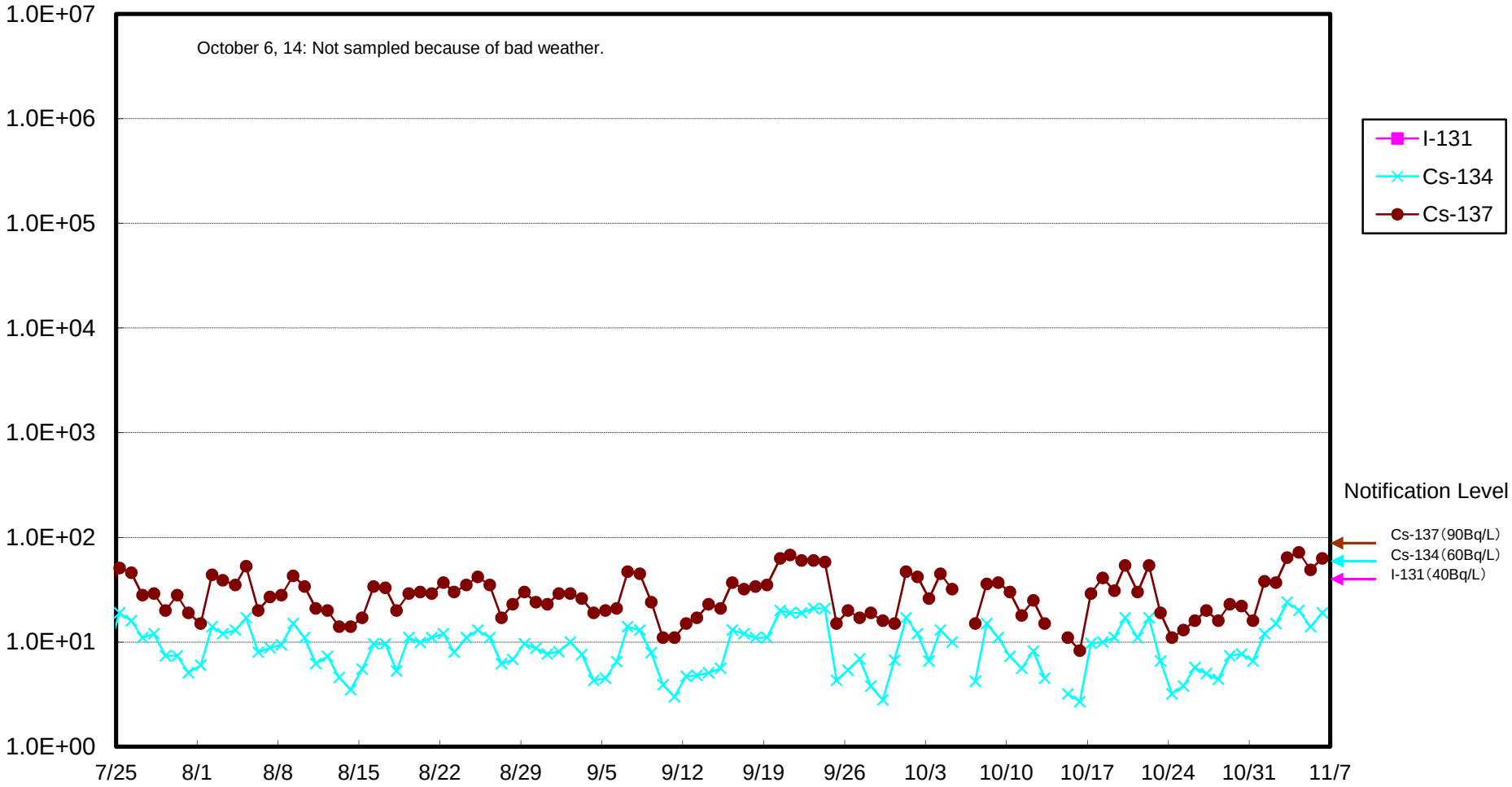
Radioactivity Density of the Seawater of Unit 2 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



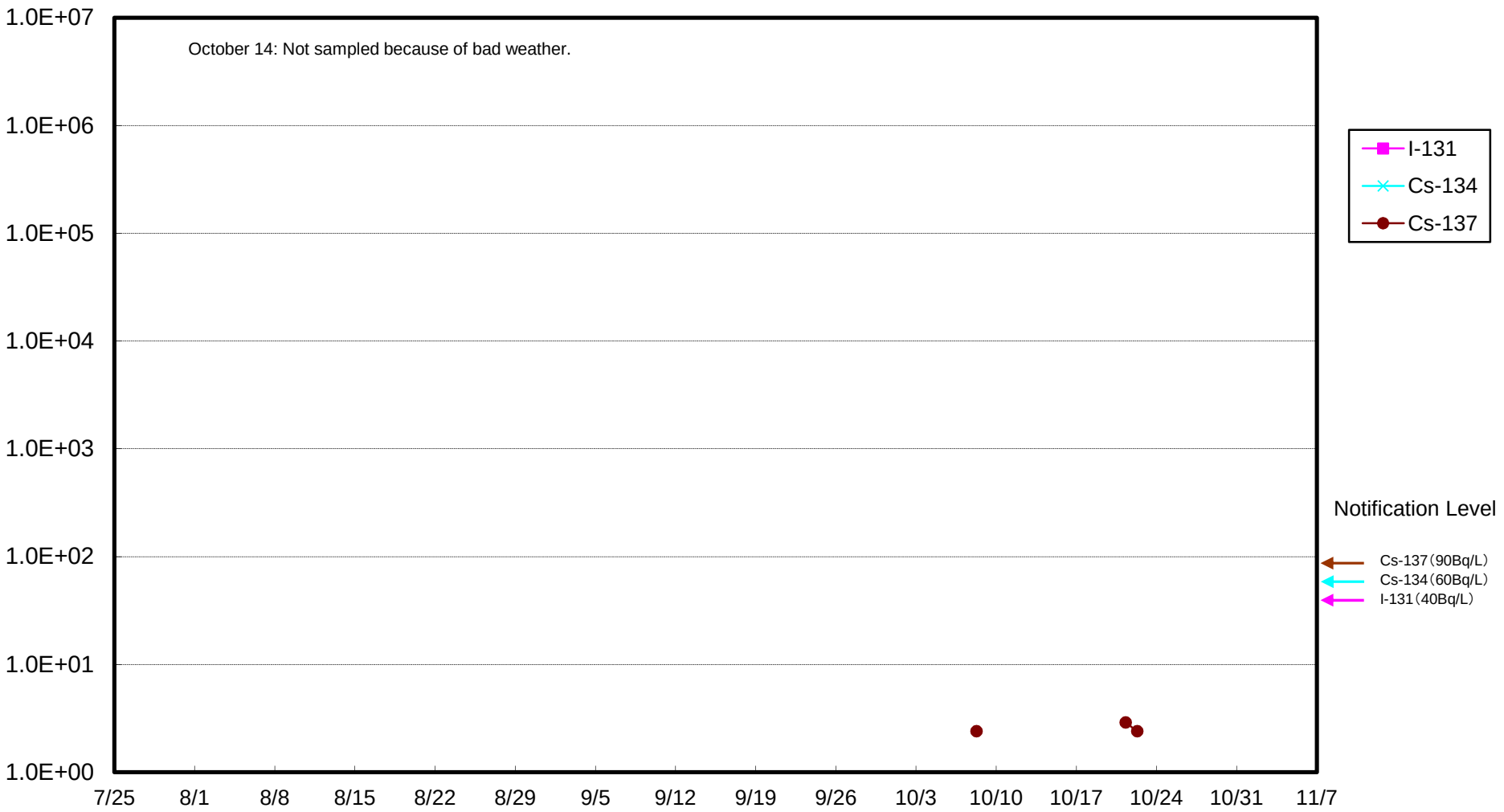
Radioactivity Density of the Seawater at Unit 4 Screen at Fukushima Daiichi NPS (Bq/L)



Radioactivity Density of the Seawater at the South of Unit 1-4 Water Intake (in front of Impermeable Wall) at Fukushima Daiichi NPS (Bq/L)



Radioactive Density of the Seawater in Front of Unit 6 Water Intake at Fukushima Daiichi NPS (Bq/L)



Radioactive Density of the Seawater in Port Center at Fukushima Daiichi NPS (Bq/L)