

Reference

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

(Data summarized on October 9)

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	Oct 8, 2014 7:02 AM	N/A		Oct 8, 2014 6:48 AM	Oct 8, 2014 6:58 AM		Oct 8, 2014 6:55 AM		Oct 8, 2014 6:50 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)	2.2	0.04	-	-	4.0	0.07	3.2	0.05	3.8	0.06	37	0.62	60
Cs-137 (Approx. 30 years)	4.7	0.05	-	-	11	0.12	9.4	0.10	13	0.14	130	1.4	90

\* The density specified by the Reactor Regulation is converted from Bq/cm<sup>3</sup> 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.

\* 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.)

\* "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 4Bq/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. \*

Reference

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

(Data summarized on October 9)

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	Oct 8, 2014 6:52 AM	Oct 8, 2014 8:20 AM	N/A		Oct 8, 2014 6:40 AM	Oct 8, 2014 6:45 AM	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)			
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	-			40
Cs-134 (Approx. 2 years)	15	0.25	ND	-	-	-	ND	-	3.1	0.05			60
Cs-137 (Approx. 30 years)	36	0.40	2.1	0.02	-	-	2.4	0.03	8.5	0.09			90

\* The density specified by the Reactor Regulation is converted from Bq/cm<sup>3</sup> 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. 2Bq/L, Cs-134: Approx.2Bq/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. \*

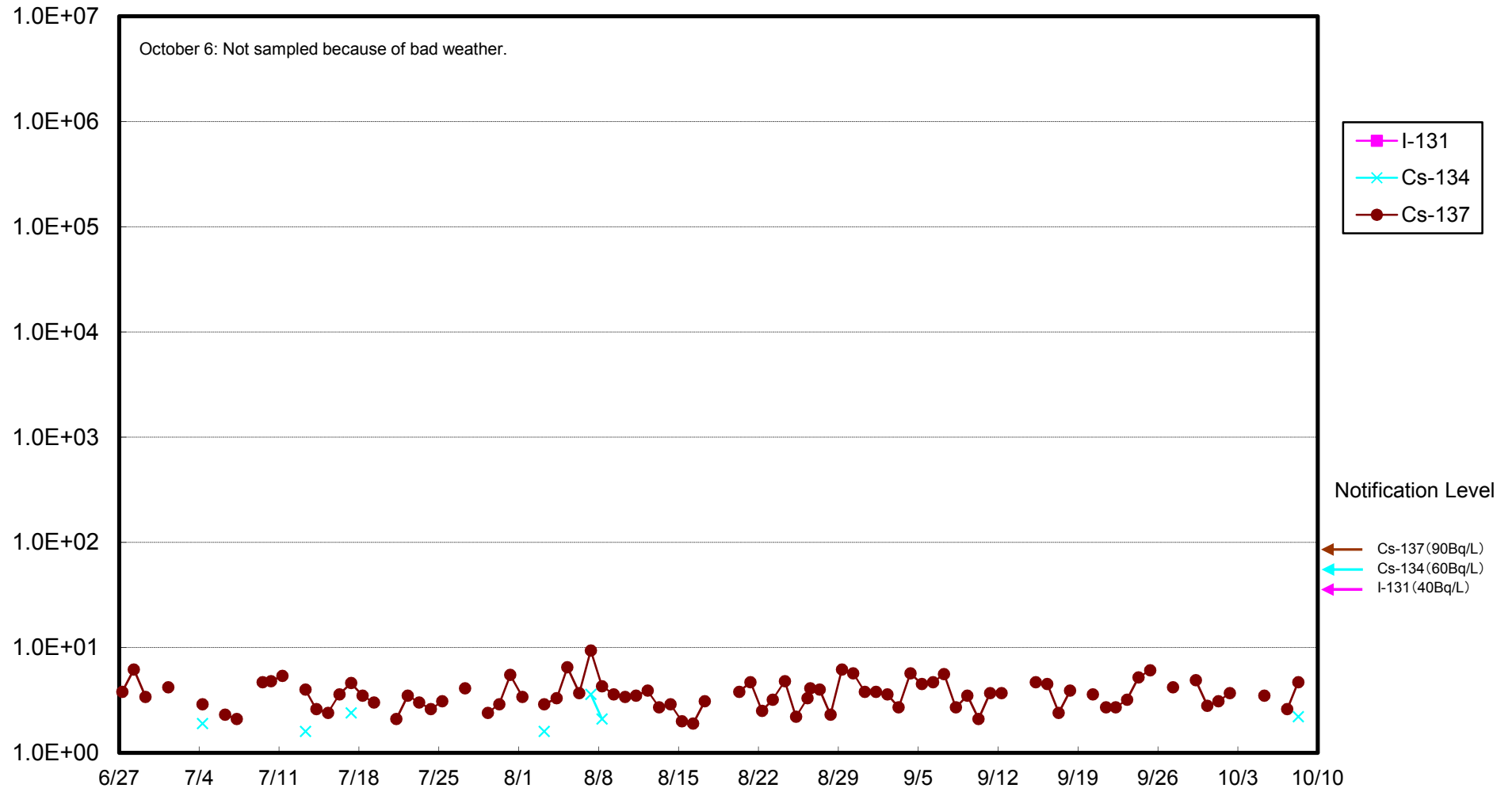
\* At these points, sampling is carried out once a week. (As for the port entrance, also sampled on the day the silt fence was opened/shut or covering work was carried out in the

\*1 For verifying the effects on the port with the drainage change in the 1-4 intake of the C drainage, set sampling frequency every day.

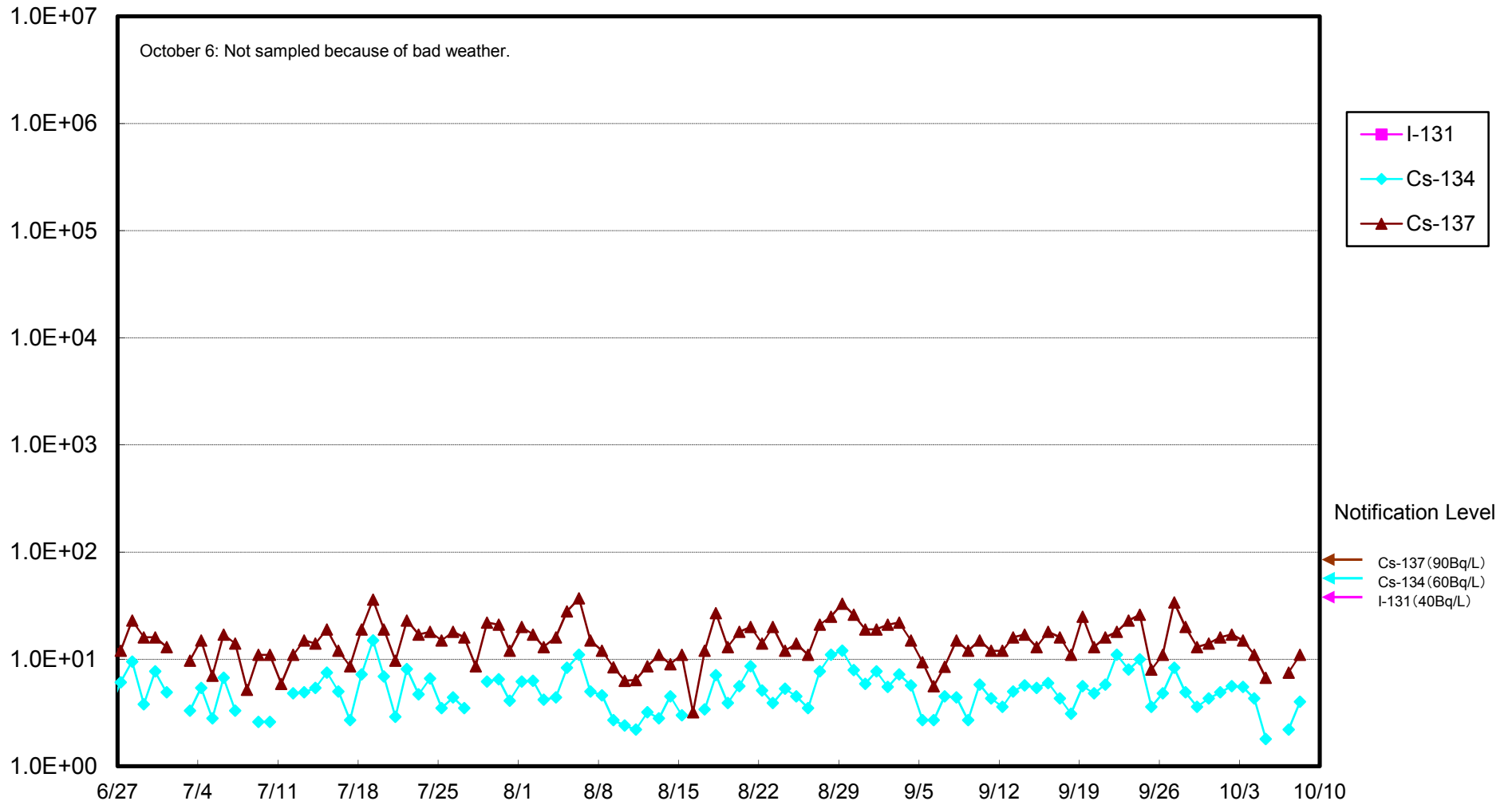
\*2 For verifying the effects on the port with the drainage change in the 1-4 intake of the C drainage, added a sampling point

(sampling is carried out every day for the time being).

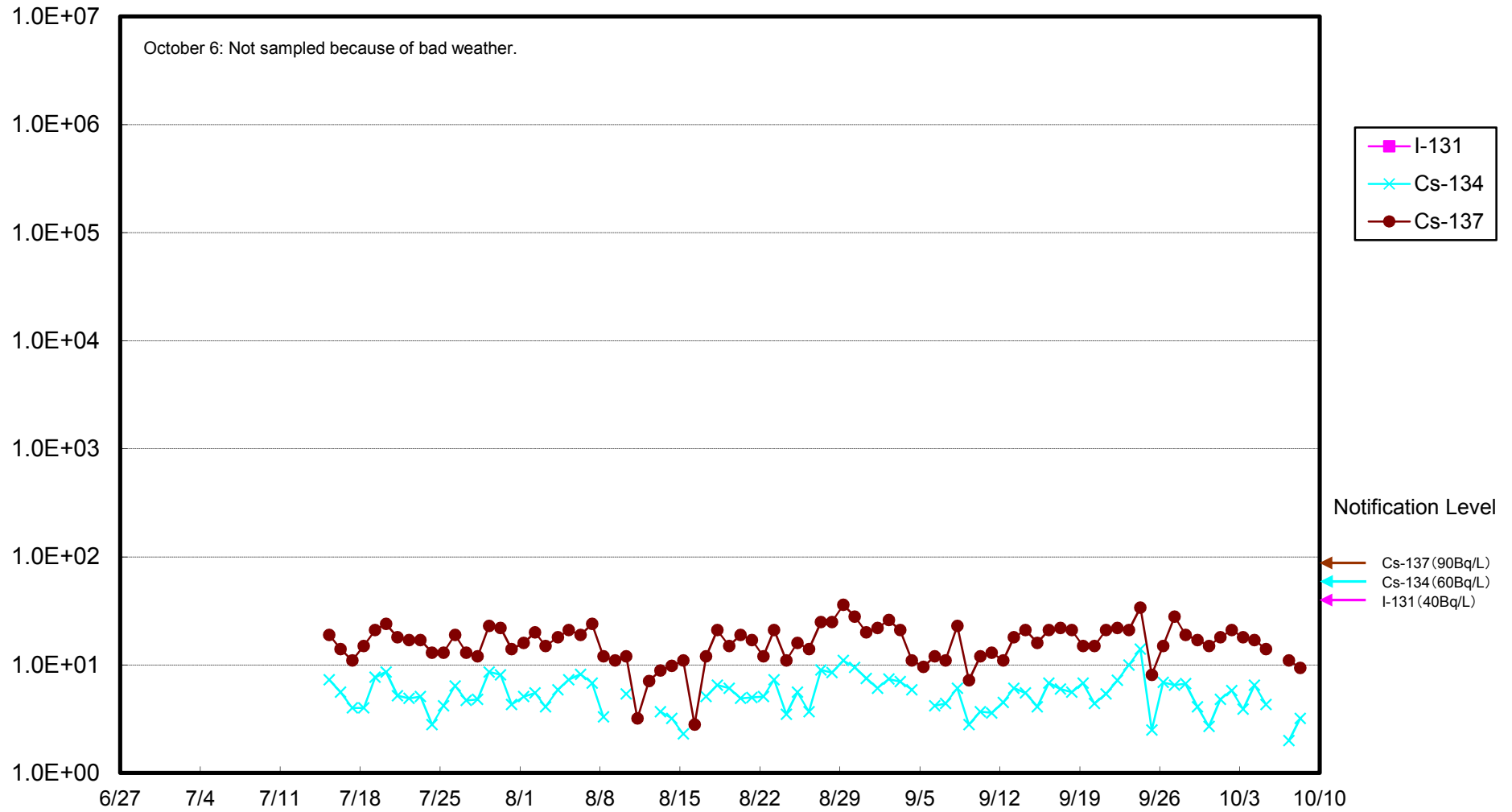
# Radioactivity Density of the Seawater in Front of the Shallow Draft Quay at 1F (Bq/L)



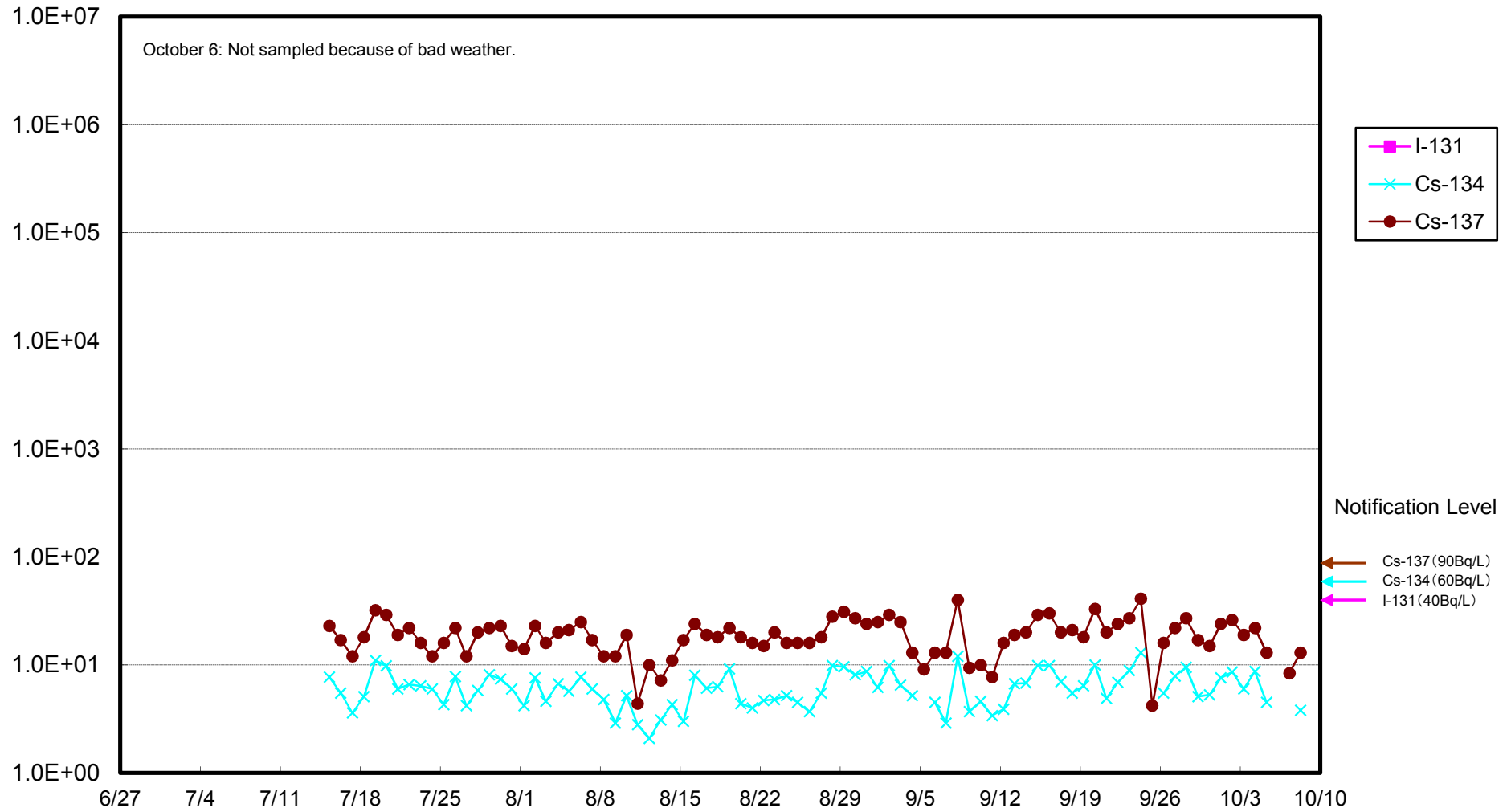
### Radioactivity Density of the Seawater at the North of Unit 1-4 Water Intake (North of East Seawater Break of Fukushima Daiichi NPS (Bq/ L)



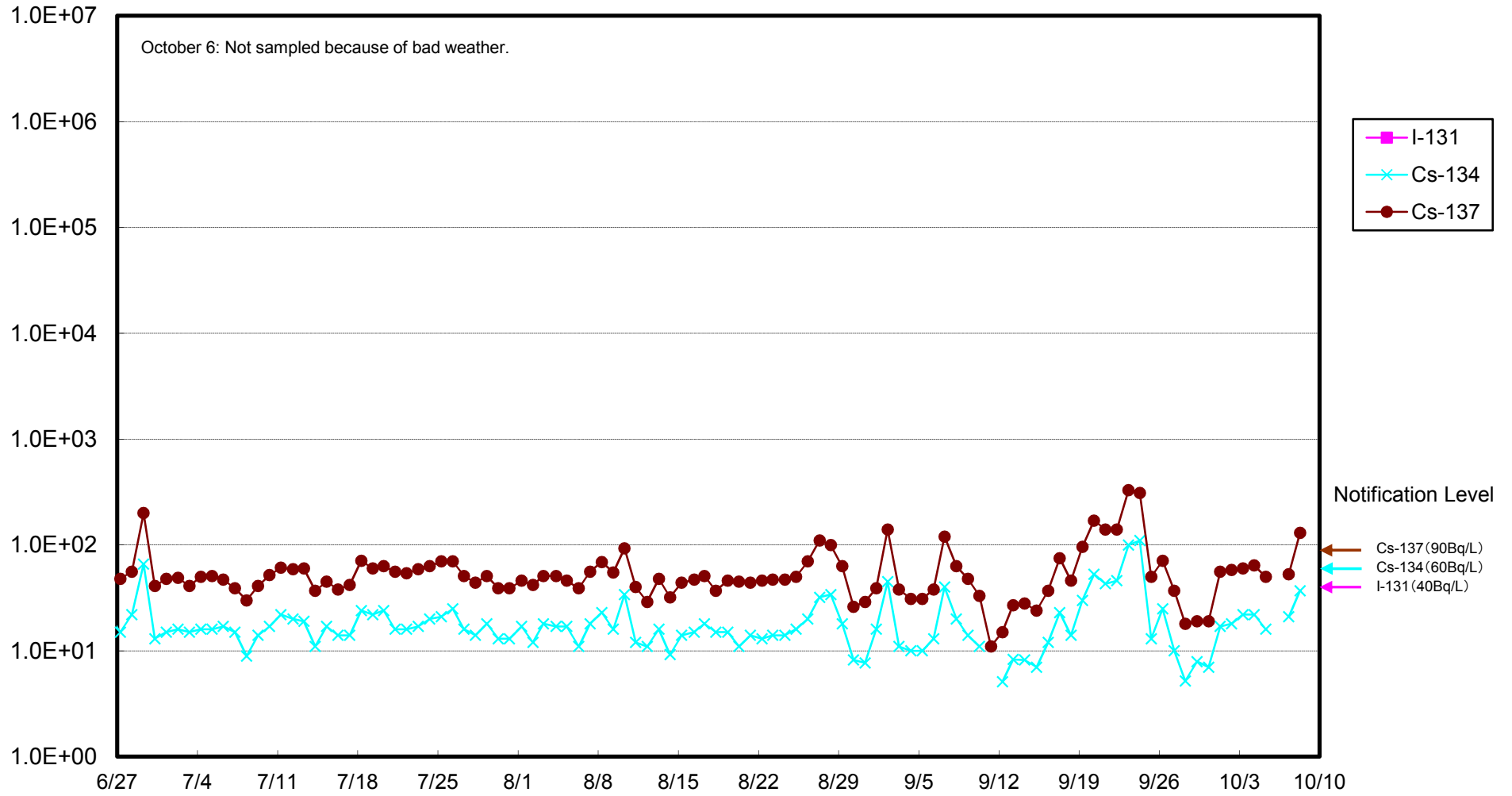
Radioactivity Density of the Seawater of Unit 1 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



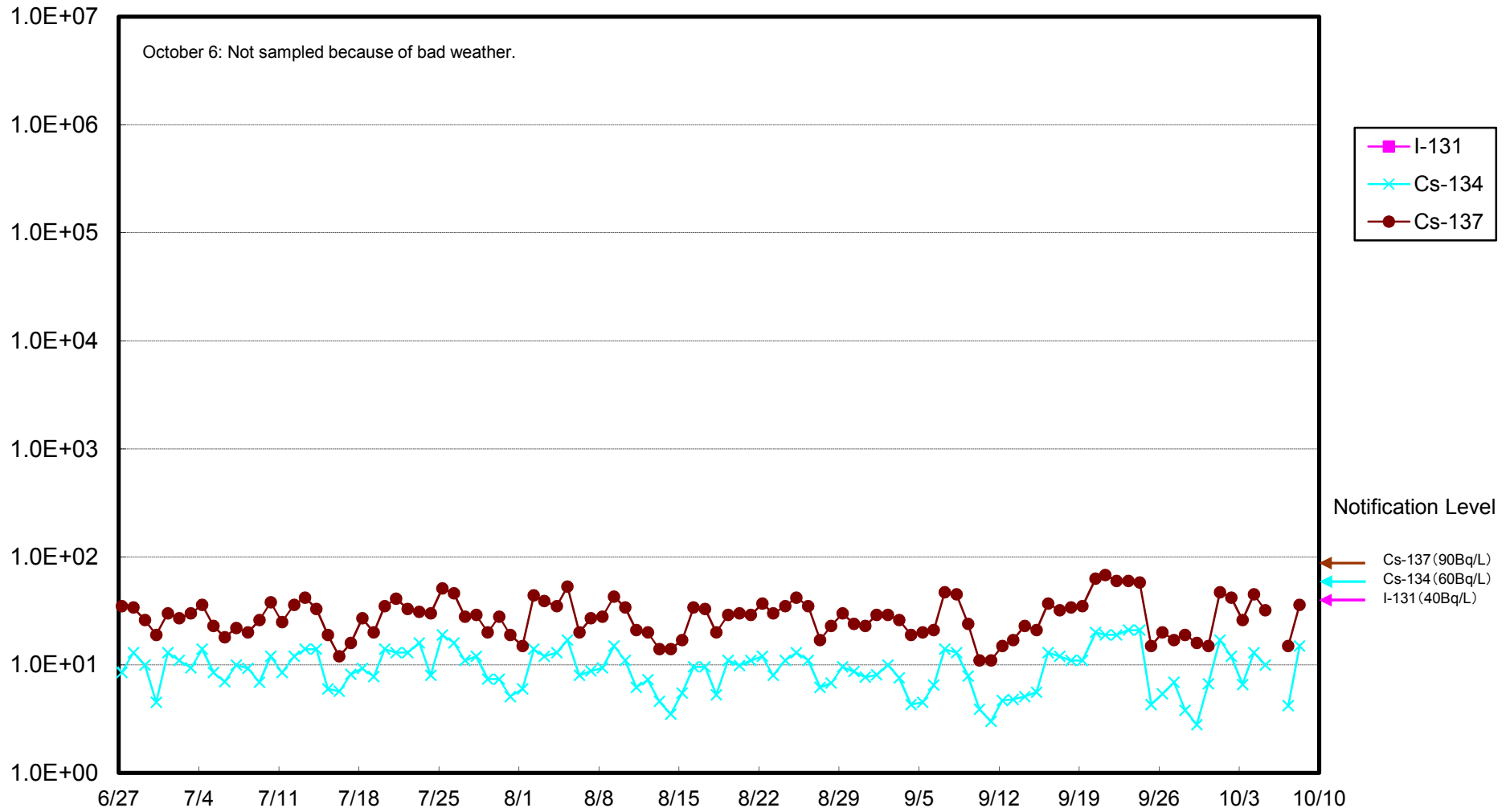
Radioactivity Density of the Seawater of Unit 2 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



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

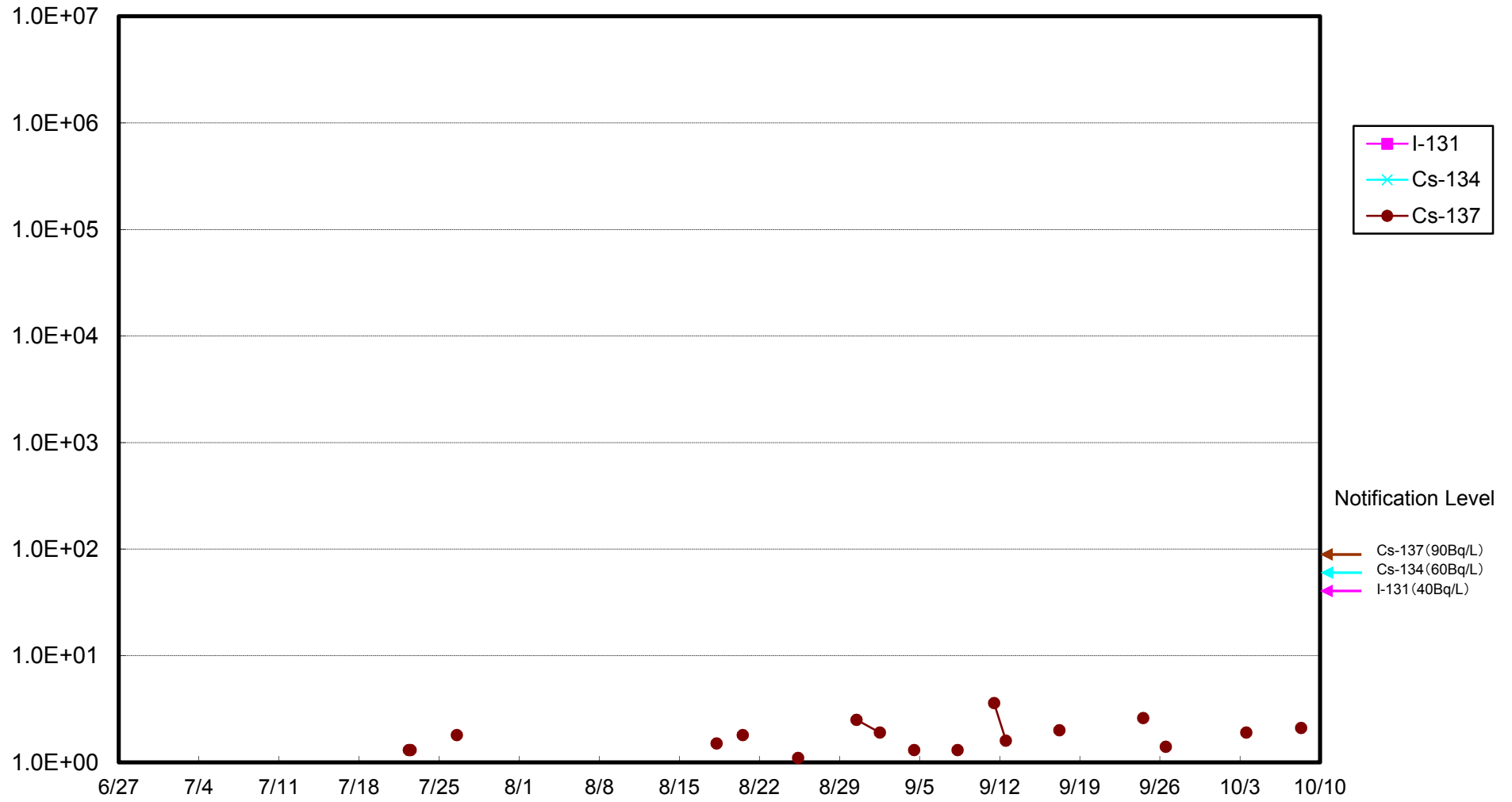


Radioactivity Density of the Seawater at the South of Unit 1-4 Water Intake (in front of Impermeable Wall)  
at Fukushima Daiichi NPS (Bq/L)

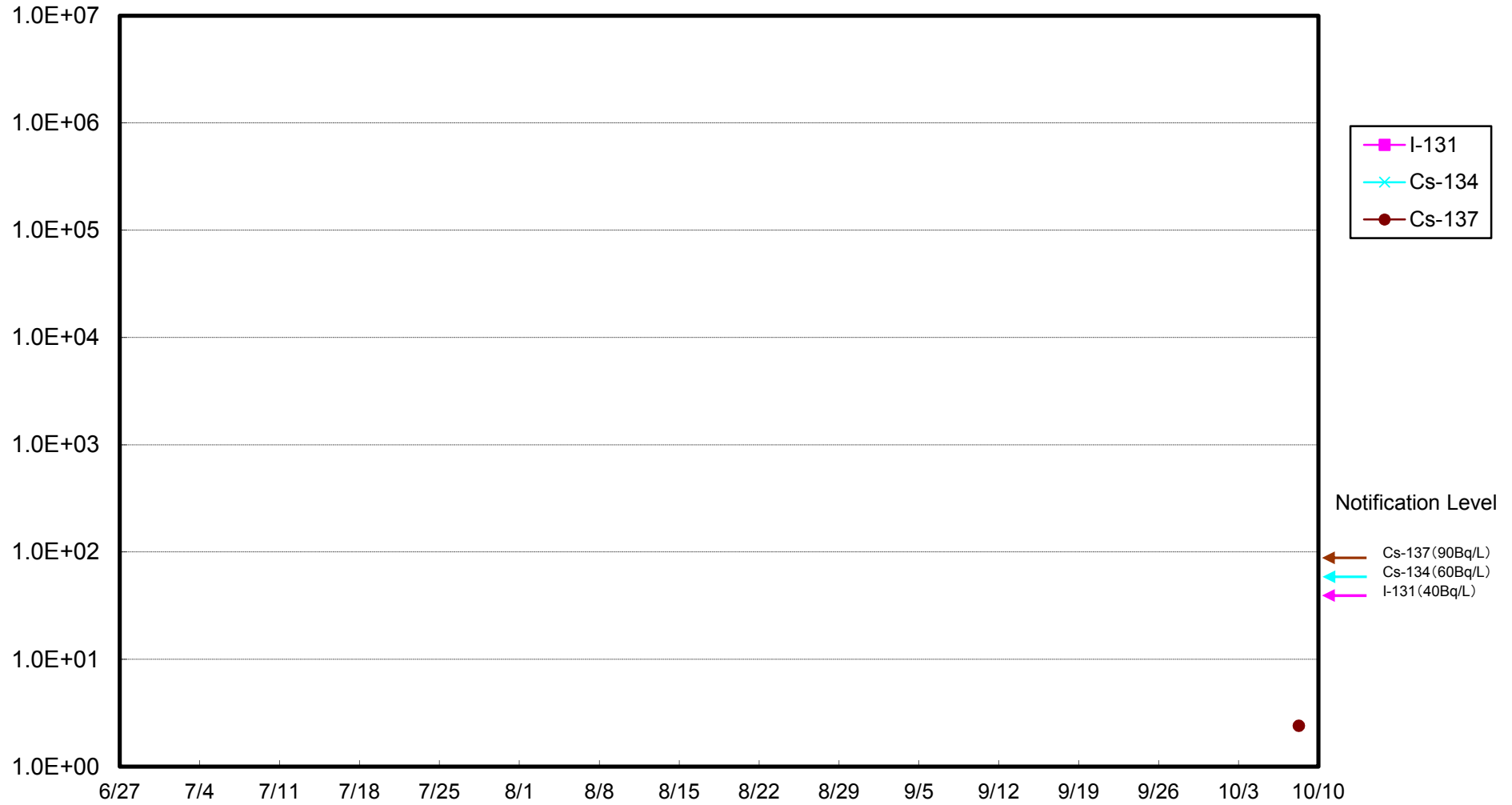




Radioactivity Density of the Seawater at the Port Entrance of Fukushima Daiichi NPS (Bq/L)



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)

