

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

(Data summarized on March 14)

Place of Sampling	Shallow Draft Quay at 1F*				Inside Unit 1-4 Water Intake Canal (North) at 1F		Inside Unit 1-4 Water Intake Canal (North) at 1F (North side of the East Seawall Break)		Seawater Obtained at Unit 1 Screen in 1F		Seawater Obtained at Unit 2 Screen in 1F		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 13, 2014 6:45 AM	N/A		Mar 13, 2014 6:48 AM	Mar 13, 2014 7:15 AM	Mar 13, 2014 6:51 AM	Mar 13, 2014 7:03 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	-	-	-	9.6	0.16	4.1	0.07	8.1	0.14	13	0.22	60
Cs-137 (Approx. 30 years)	ND	-	-	-	29	0.32	12	0.13	20	0.22	30	0.33	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ 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. 3Bq/L, Cs-134: Approx.2Bq/L, Cs-137: 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.

* The sampling will be performed after opening and closing of the silt fence.

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

(Data summarized on March 14)

Place of Sampling	Seawater Obtained at Unit 3 Screen in 1F *1		1F Unit 4 Screen (Outside the Silt Fence)		1F Unit 4 Screen (Inside the Silt Fence)		Inside Unit 1-4 Water Intake Canal (South) at 1F		Port Entrance of Fukushima Daiichi NPS*		In Front of Unit 6* Water Intake Canal at 1F		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 13, 2014 7:07 AM	Mar 13, 2014 7:08 AM	Mar 13, 2014 7:09 AM	Mar 13, 2014 7:11 AM	N/A		N/A					
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)	8.3	0.14	5.8	0.10	5.5	0.09	12	0.20	-	-	-	-	60
Cs-137 (Approx. 30 years)	20	0.22	20	0.22	15	0.17	36	0.40	-	-	-	-	90

* The density specified by the Reactor Regulation is converted from Bq/cm3 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.

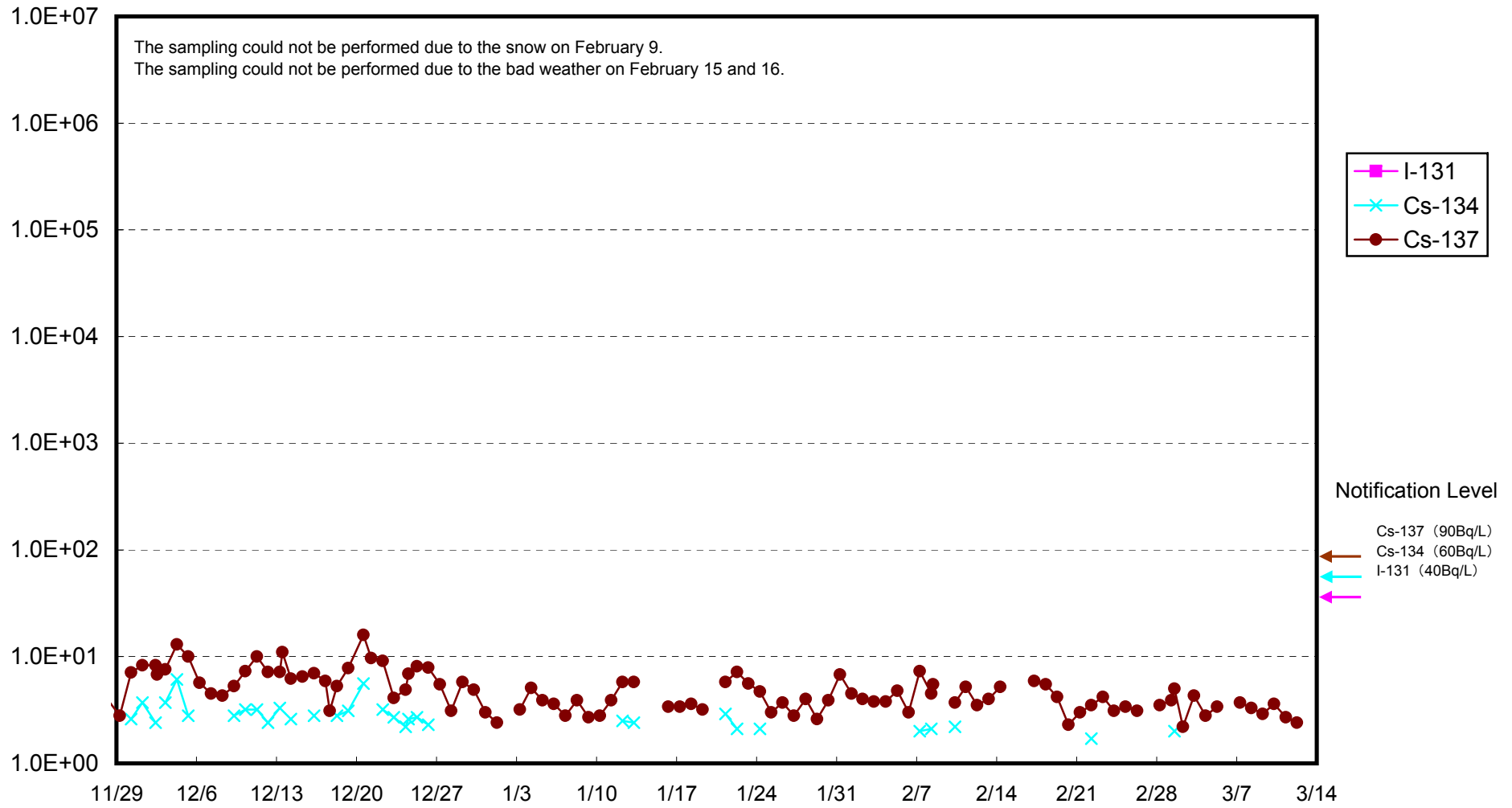
I-131: Approx. 2Bq/L

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

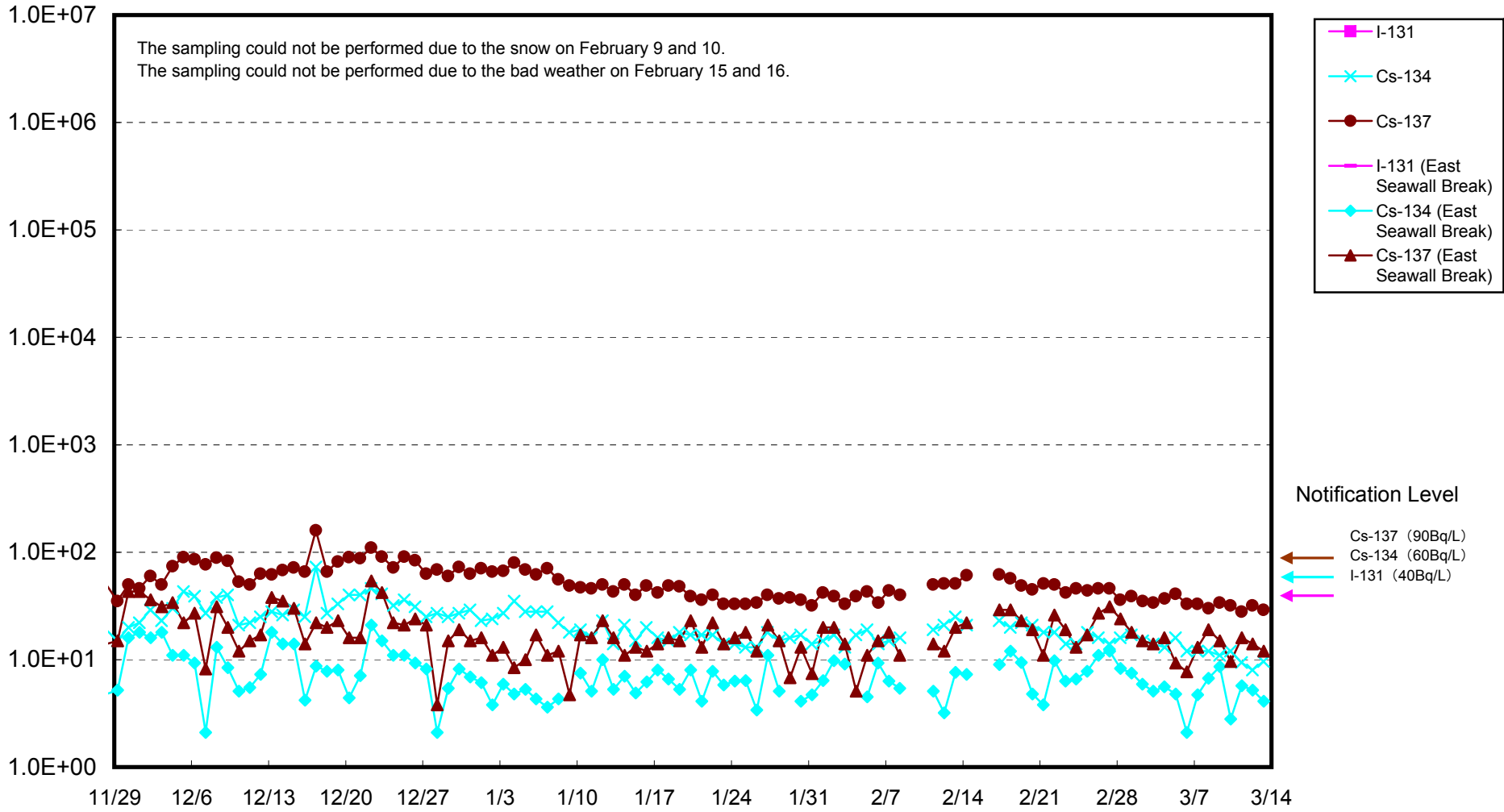
* The sampling will be performed once a week (it will be performed on the day when opening and closing of the silt fence is conducted.).

*1 The name of the sampling point "1F Unit 3 Screen (Inside the Silt Fence)" was changed to "Seawater Obtained at Unit 3 Screen in 1F" since silt fence was removed due to landfill work of impermeable wall at the sea side. The sampling point "1F Unit 3 Screen (Outside the Silt Fence)" was abolished.

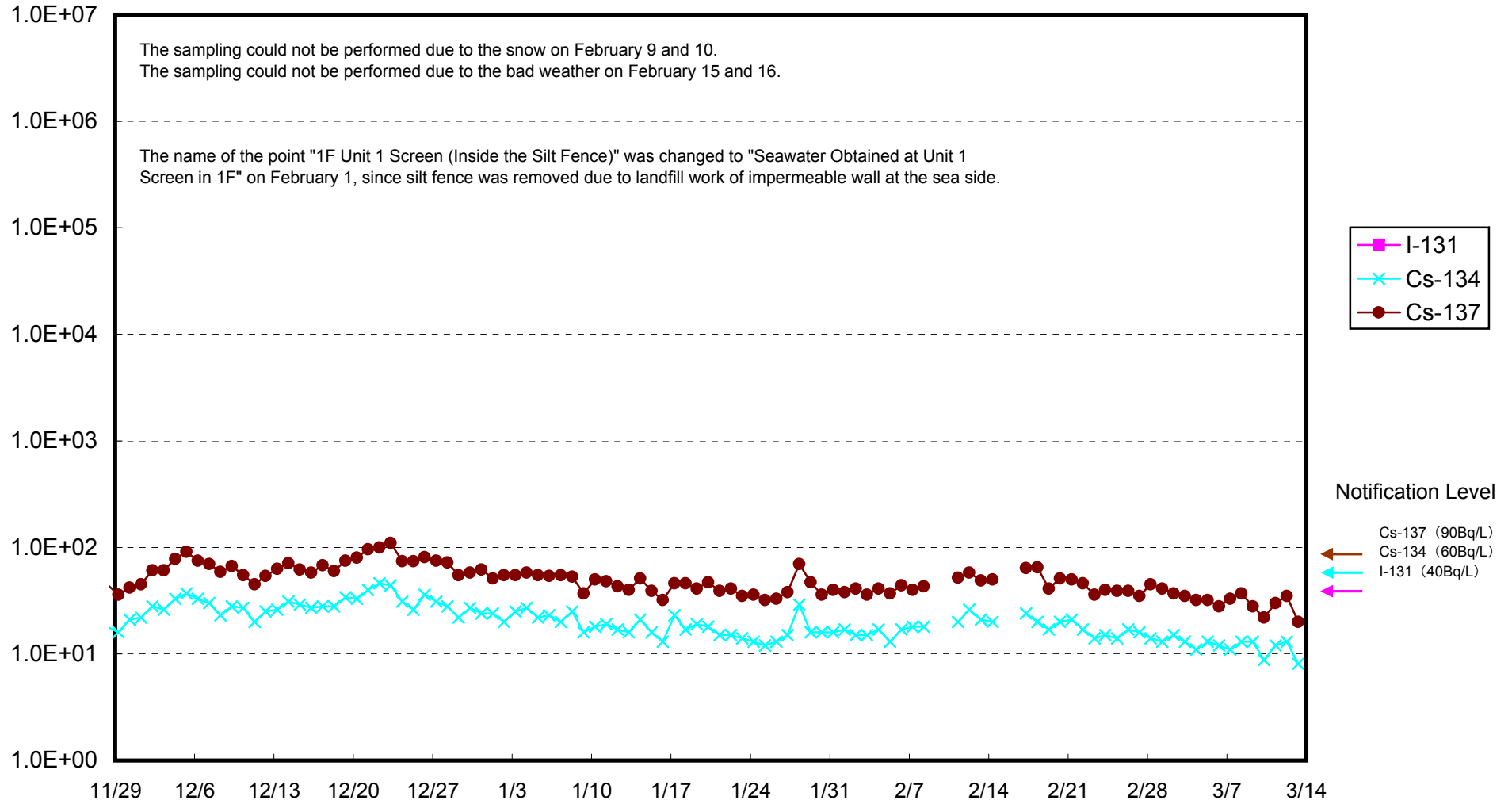
Radioactivity Density of the Seawater in Front of the Shallow Draft Quay at 1F (Bq/L)



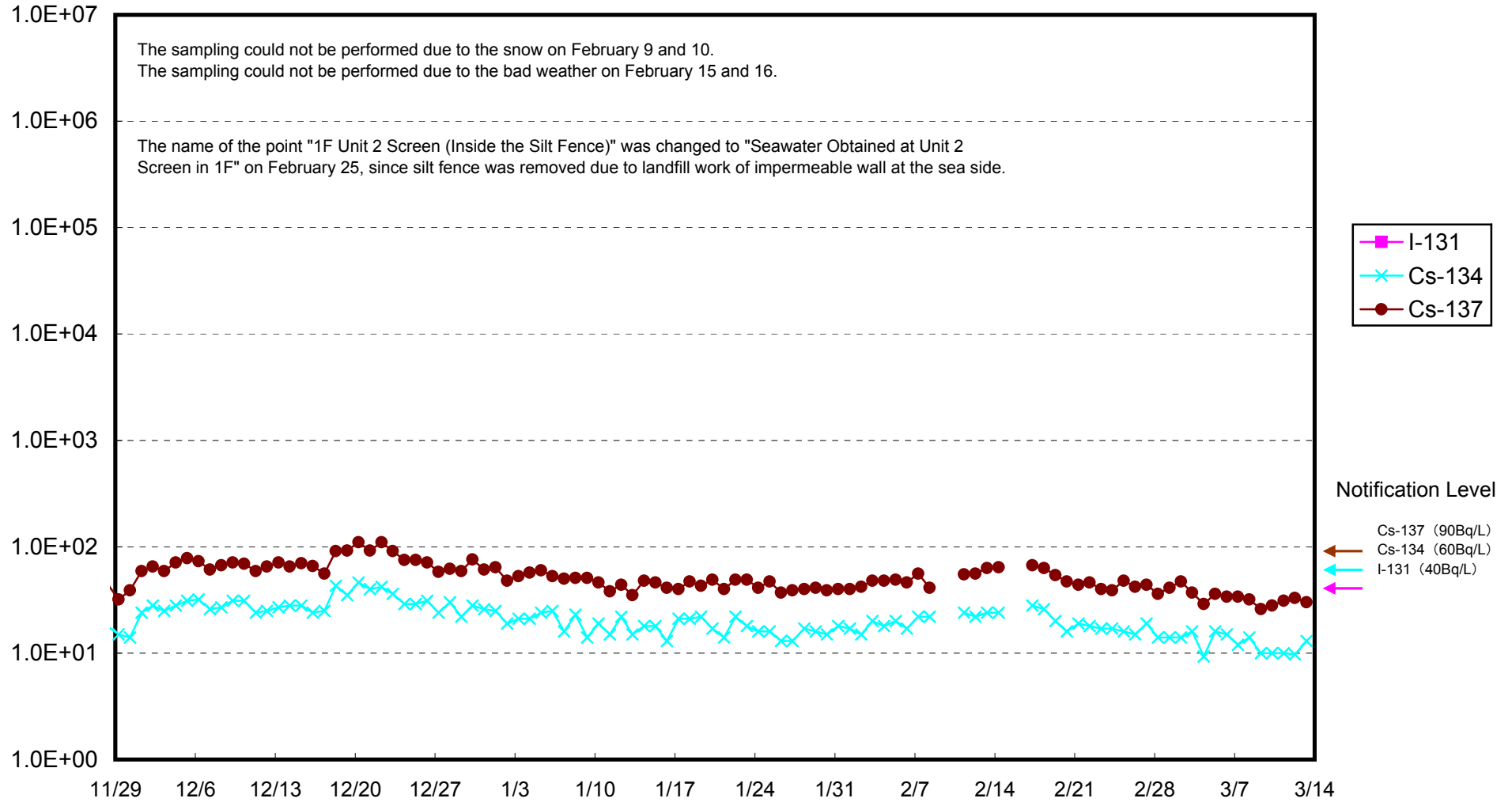
Radioactivity Density of the Seawater at the North of Unit 1-4 Water Intake of Fukushima Daiichi NPS (Bq/L)



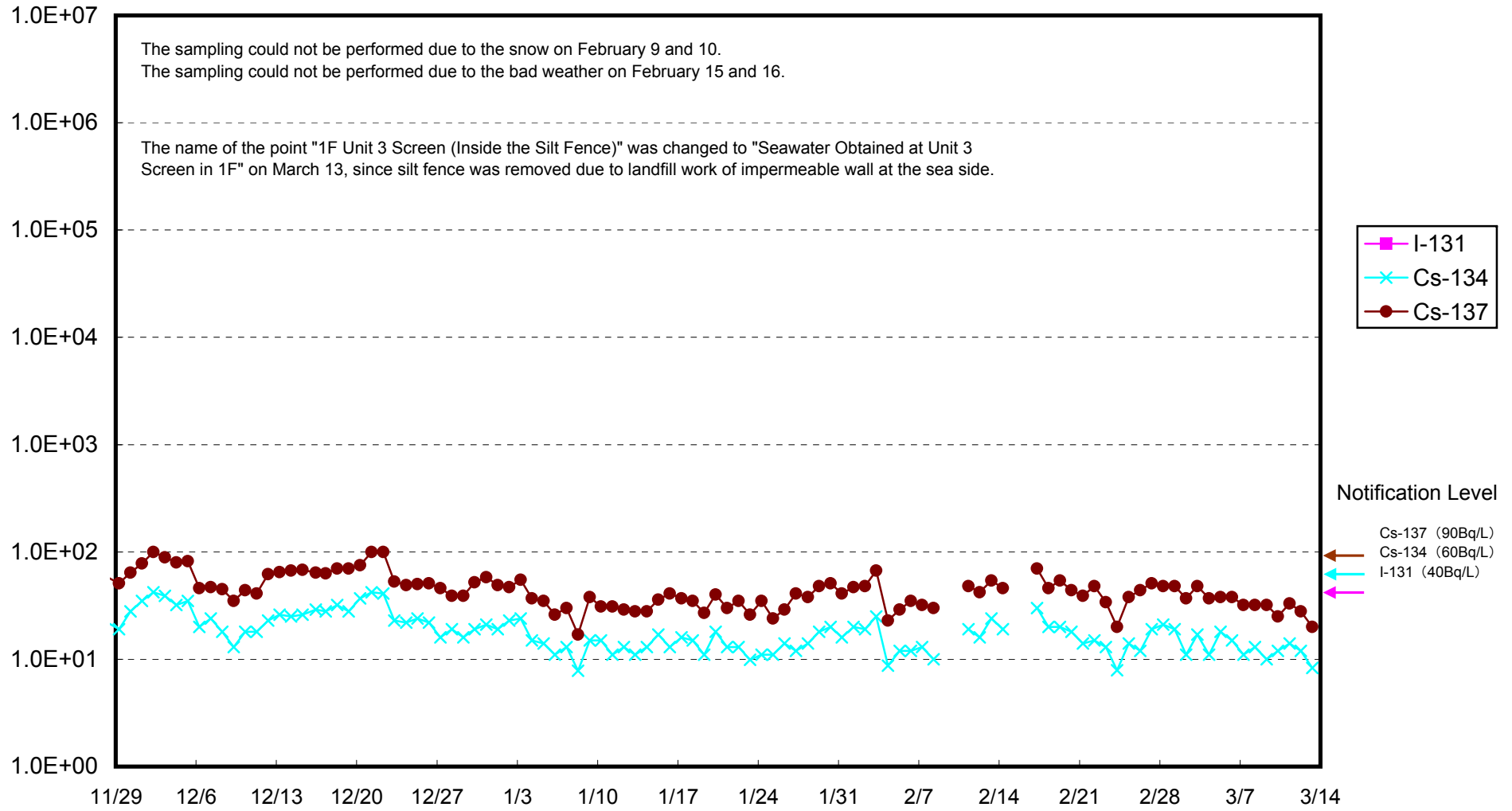
Radioactivity Density of the Seawater Obtained at Unit 1 Screen in Fukushima Daiichi NPS (Bq/L)



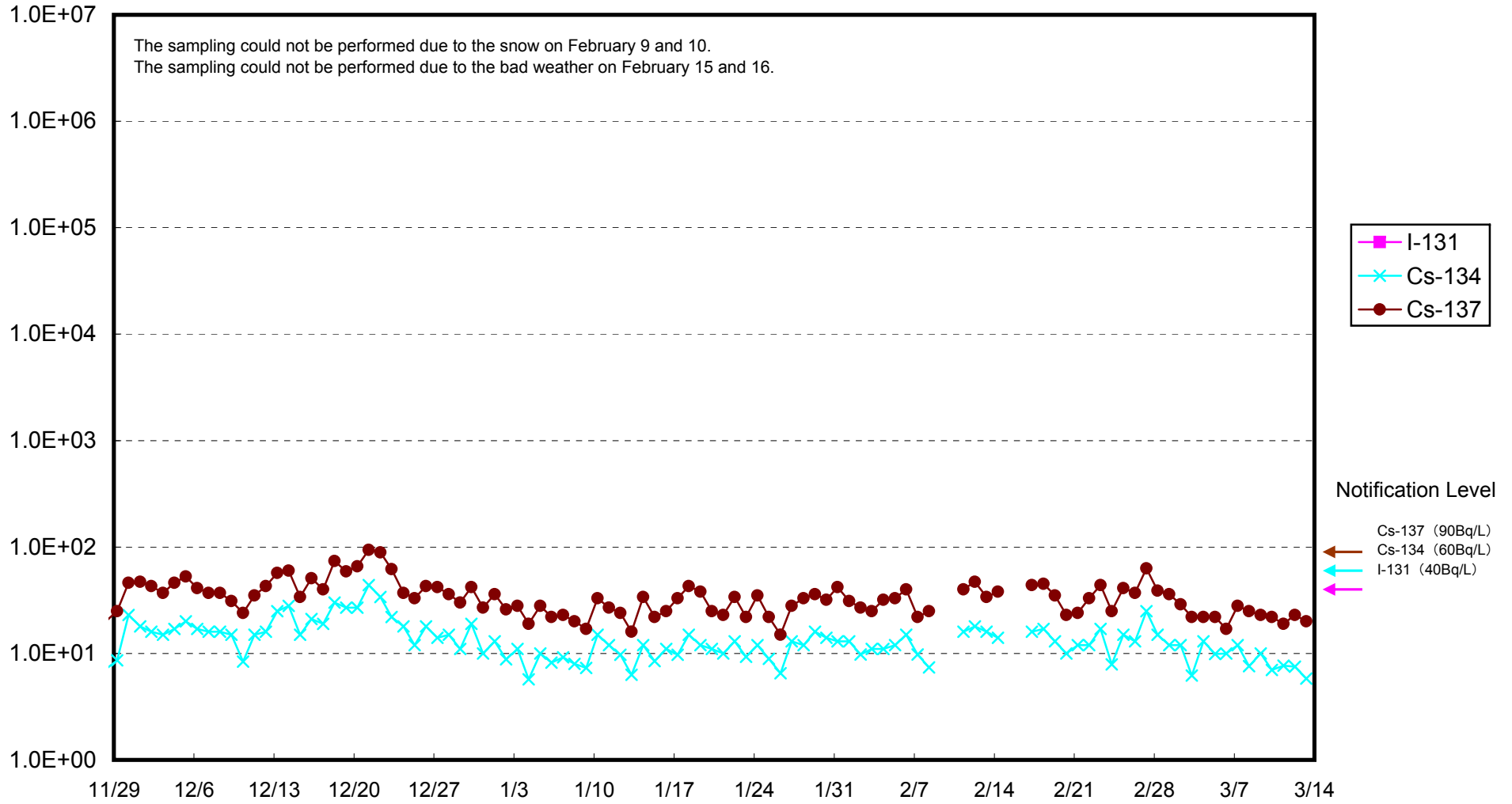
Radioactivity Density of the Seawater Obtained at Unit 2 Screen in Fukushima Daiichi NPS (Bq/L)



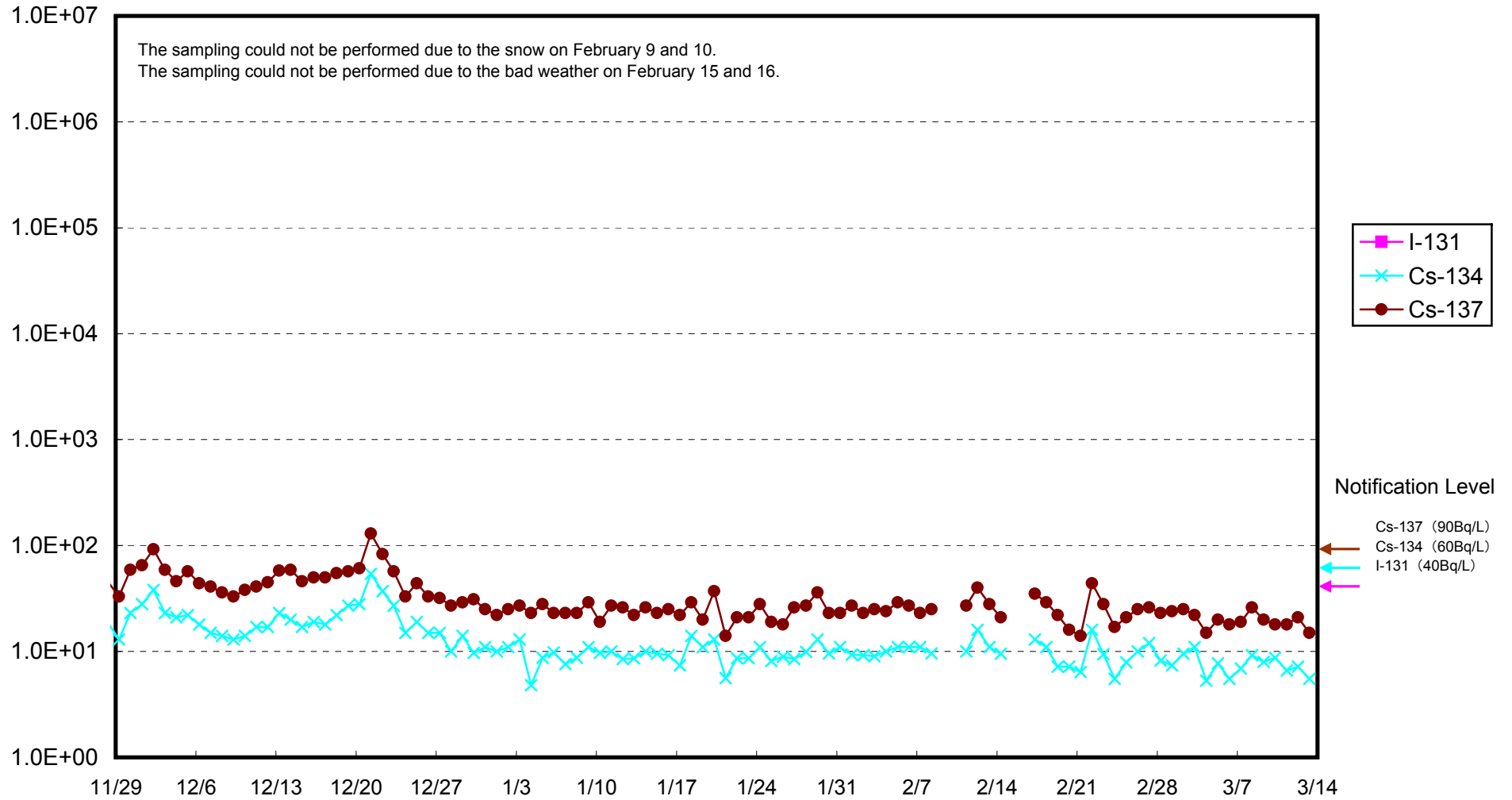
Radioactivity Density of the Seawater Obtained at Unit 3 Screen in Fukushima Daiichi NPS (Bq/L)



Radioactivity Density of the Seawater at Unit 4 Screen at 1F (Outside the Silt Fence) (Bq/L)



Radioactivity Density of the Seawater at Unit 4 Screen at 1F (Inside the Silt Fence) (Bq/L)



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

