Reference

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

(Data summarized on September 5)

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	Sep 4, 2014 6:53 AM		Sep 4, 2014 5:20 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(0.71)	-	40
Cs-134 (Approx. 2 years)	ND(0.66)	-	ND(0.79)	-	60
Cs-137 (Approx. 30 years)	ND(0.67)	-	ND(0.68)	-	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.

Reference

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

(Data summarized on September 5)

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	Jul 21, 2014 6:40 AM		Jul 28, 2014 6:40 AM		Aug 4, 2014 6:40 AM		Jul 21, 2014 5:35 AM		Jul 28, 2014 5:40 AM		Aug 4, 2014 5:45 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)	
Cs-134 (Approx. 2 years)	0.066	0.00	0.096	0.00	0.36	0.01	1.0	0.02	0.069	0.00	0.10	0.00	60
Cs-137 (Approx. 30 years)	0.17	0.00	0.29	0.00	0.96	0.01	2.8	0.03	0.20	0.00	0.30	0.00	90

* 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.
* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.
* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.
* Analyzed by: Tokyo Power Tecnology Ltd.

Reference

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

(Data summarized on September 5)

Place of Sampling	2F Around the North Discharge Channel (Around Unit 3-4 Discharge Channel) (Approx. 10km from 1F)						Around the Iwasawa Shore (Approx. 7km South of Unit 1 & 2 Discharge Channel) (Approx. 16km from 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	Jul 22, 2014 9:40 AM		Jul 29, 2014 10:00 AM		Aug 5, 2014 10:10 AM		Jul 22, 2014 4:10 PM		Jul 29, 2014 4:10 PM		Aug 5, 2014 4:10 PM		
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)	
Cs-134 (Approx. 2 years)	0.034	0.00	0.029	0.00	0.025	0.00	0.036	0.00	0.024	0.00	0.016	0.00	60
Cs-137 (Approx. 30 years)	0.11	0.00	0.074	0.00	0.066	0.00	0.095	0.00	0.055	0.00	0.049	0.00	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.
* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.
  Analyzed by Tokyo Power Technology Ltd.

Reference

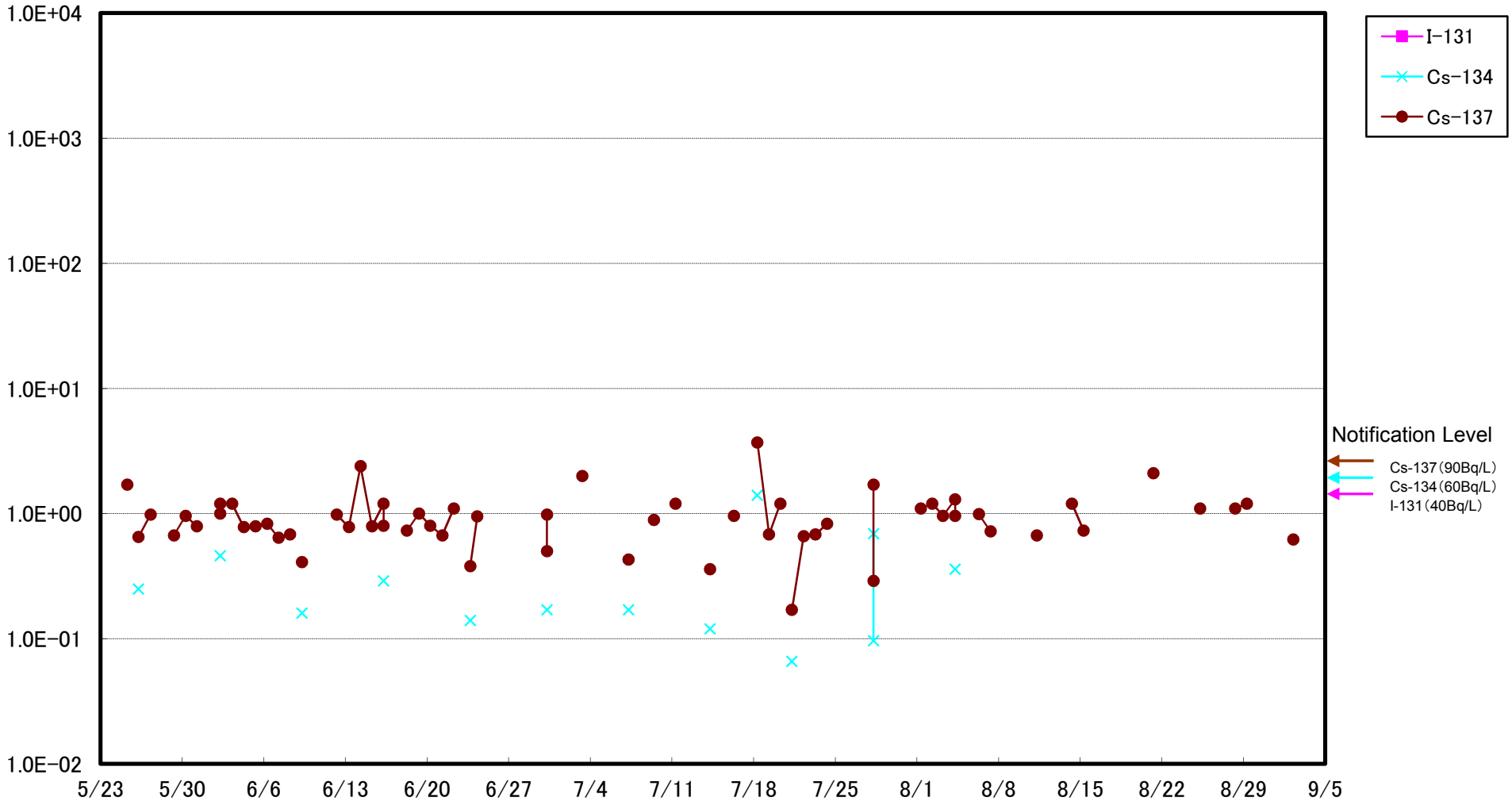
Nuclides Analysis Result of the Radioactive Materials in the Seawater
< Coast, Fukushima Daiichi Nuclear Power Station, Within 20km Radius >

(Data summarized on September 5)

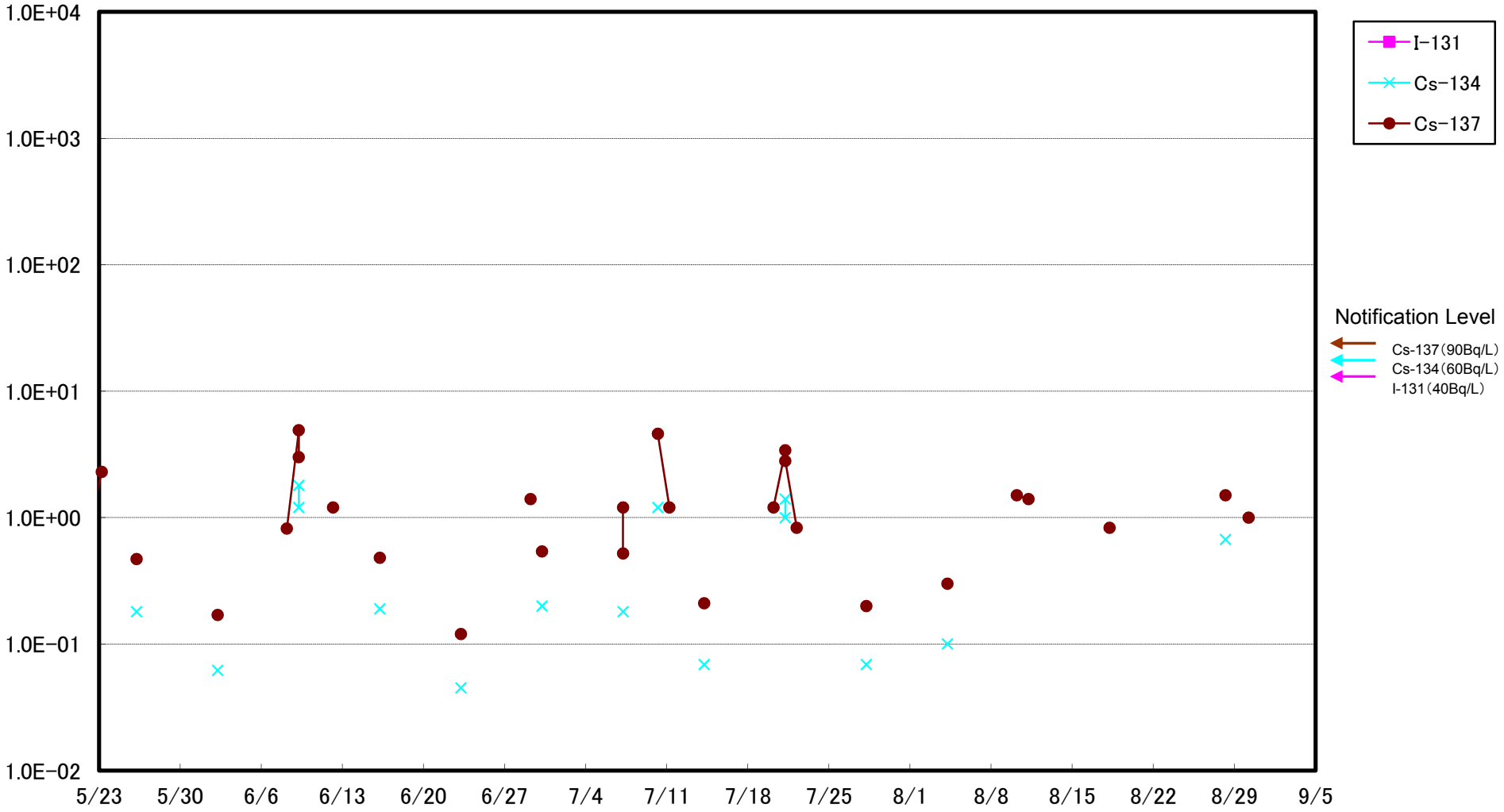
Place of Sampling	South side of the Ukedo Port (Approx. 5.5km north of Unit 5-6 Discharge Channel)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
Time of Sampling	Jul 22, 2014 8:00 AM		Jul 29, 2014 8:10 AM		Aug 5, 2014 7:50 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)	
Cs-134 (Approx. 2 years)	0.022	0.00	0.018	0.00	0.020	0.00	60
Cs-137 (Approx. 30 years)	0.066	0.00	0.043	0.00	0.054	0.00	90

* 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.
* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.
* Analisis performed by Tokyo Power Technology Ltd.

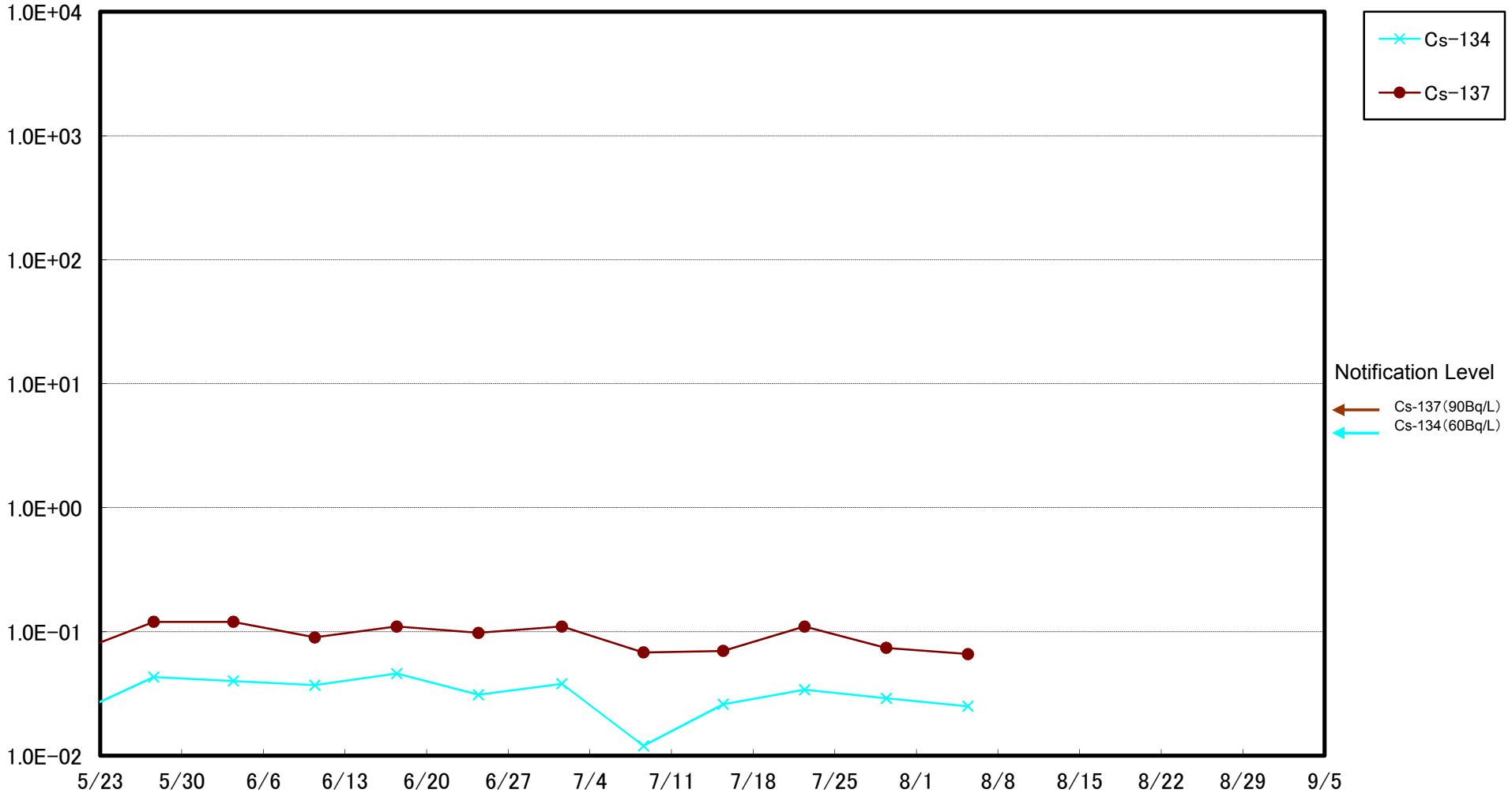
Radioactivity Density of the Seawater at 1F Units 5-6 North Discharge Channel (Bq/L)



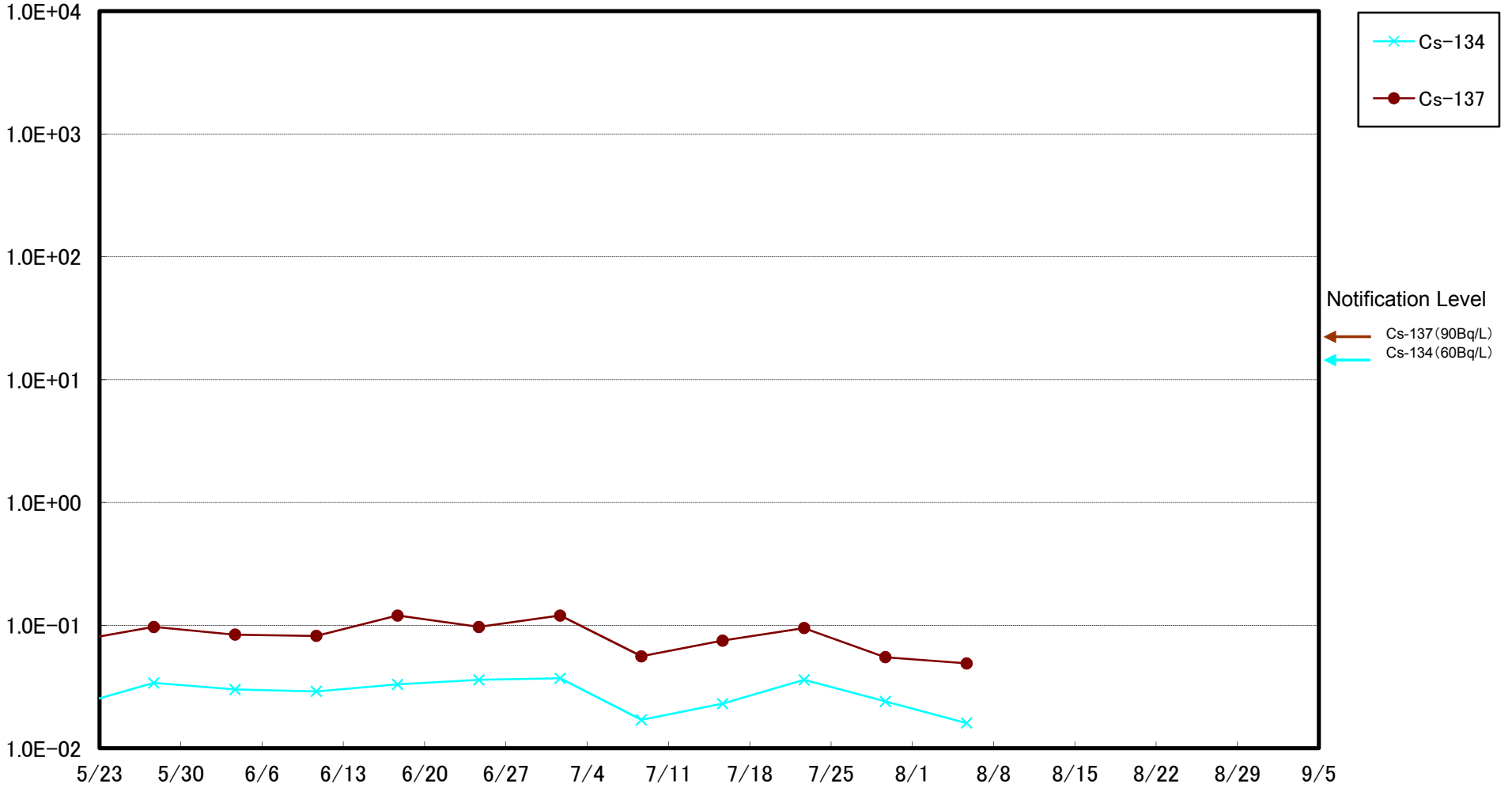
Radioactivity Density of the Seawater at 1F South Discharge Channel (Bq/L)



Radioactivity Density of the Seawater at 2F North Discharge Channel (Bq/L)



Radioactivity Density of the Seawater Around the Iwasawa Shore of 2F (Bq/L)



Radioactivity Density of the South Side of the Ukedo Port (Bq/L)