

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

(Data summarized on November 5)

| 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 4, 2014 6:48 AM | | N/A | | Nov 4, 2014 7:08 AM | | Nov 4, 2014 6:53 AM | | Nov 4, 2014 6:55 AM | | Nov 4, 2014 7:02 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 | - | - | - | 4.2 | 0.07 | 5.4 | 0.09 | 4.9 | 0.08 | 19 | 0.32 | 60 |
| Cs-137 (Approx. 30 years) | ND | - | - | - | 17 | 0.19 | 20 | 0.22 | 17 | 0.19 | 62 | 0.69 | 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 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.

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

(Data summarized on November 5)

| 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 4, 2014 7:00 AM | Nov 4, 2014 9:38 AM | N/A | | Nov 4, 2014 6:43 AM | Nov 4, 2014 7:05 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 | - | | | 40 |
| Cs-134 (Approx. 2 years) | 20 | 0.33 | ND | - | - | - | ND | - | 5.9 | 0.10 | | | 60 |
| Cs-137 (Approx. 30 years) | 72 | 0.80 | ND | - | - | - | ND | - | 16 | 0.18 | | | 90 |

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

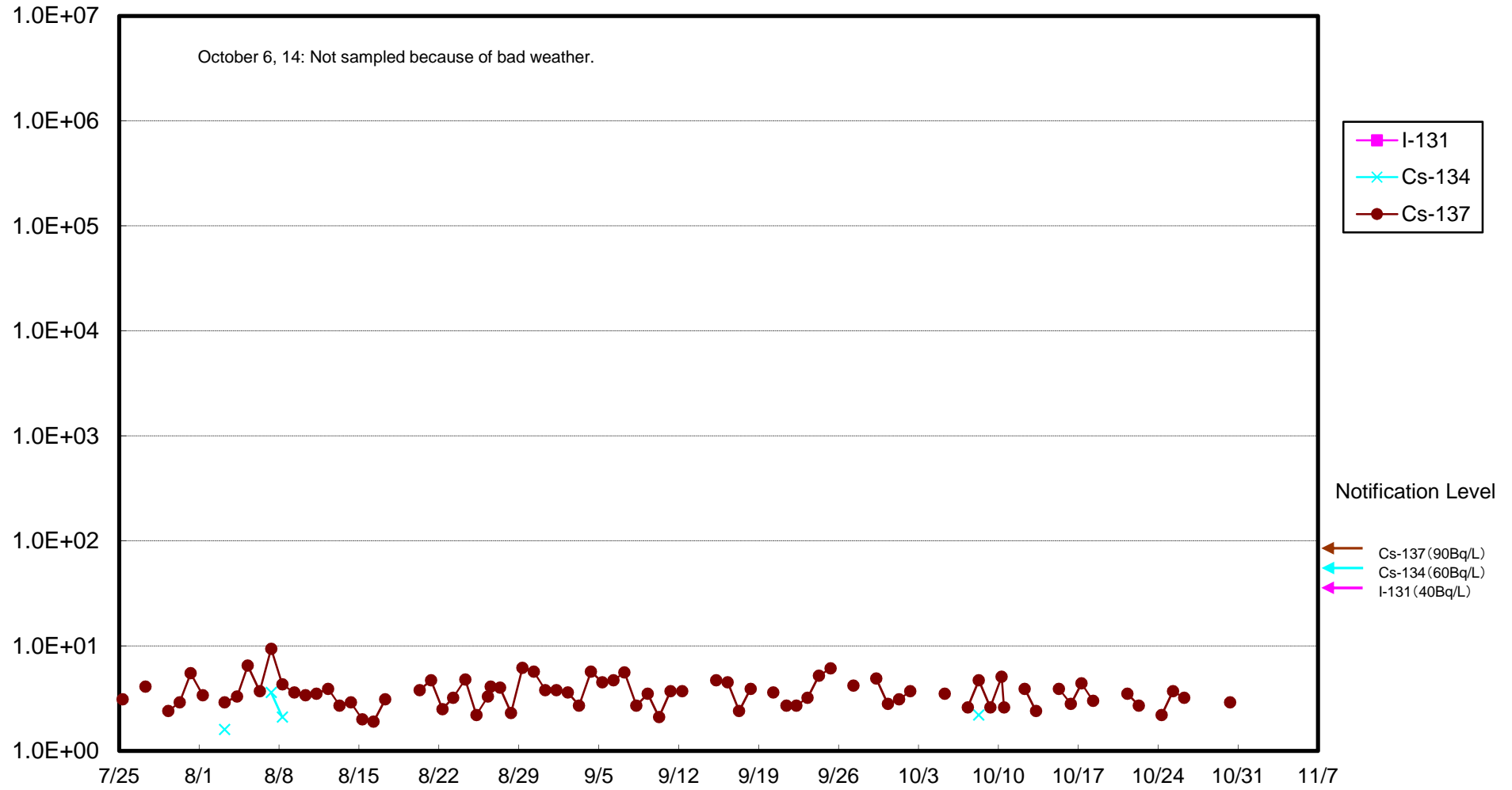
* Data of other nuclides is under evaluation.

* In the case of 2 nuclides or more, the sum of scaling factors to density limits is compared to 1.

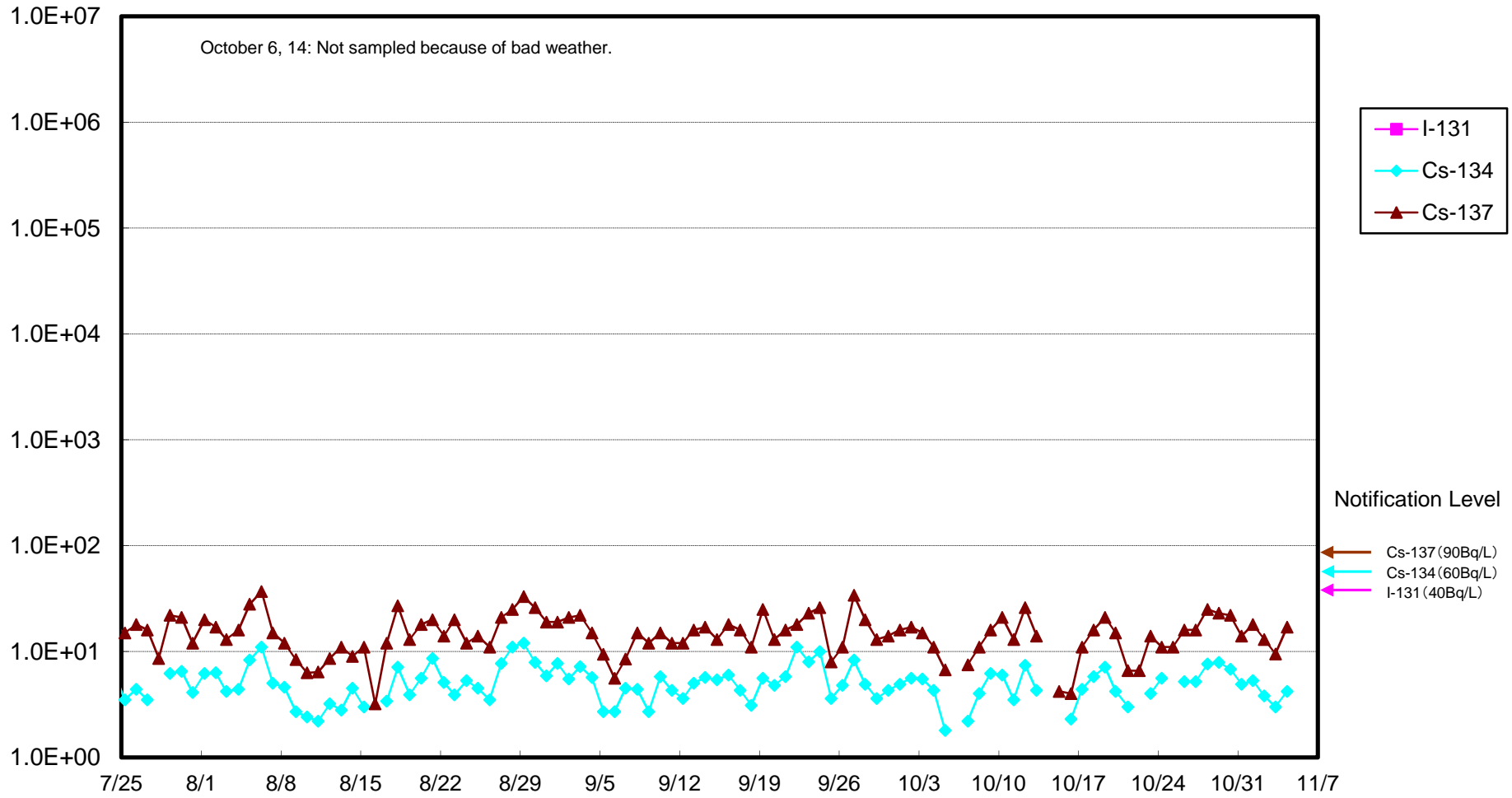
* "ND" indicates that the measurement result is below the detection limit.

I-131: Approx. 5Bq/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.)

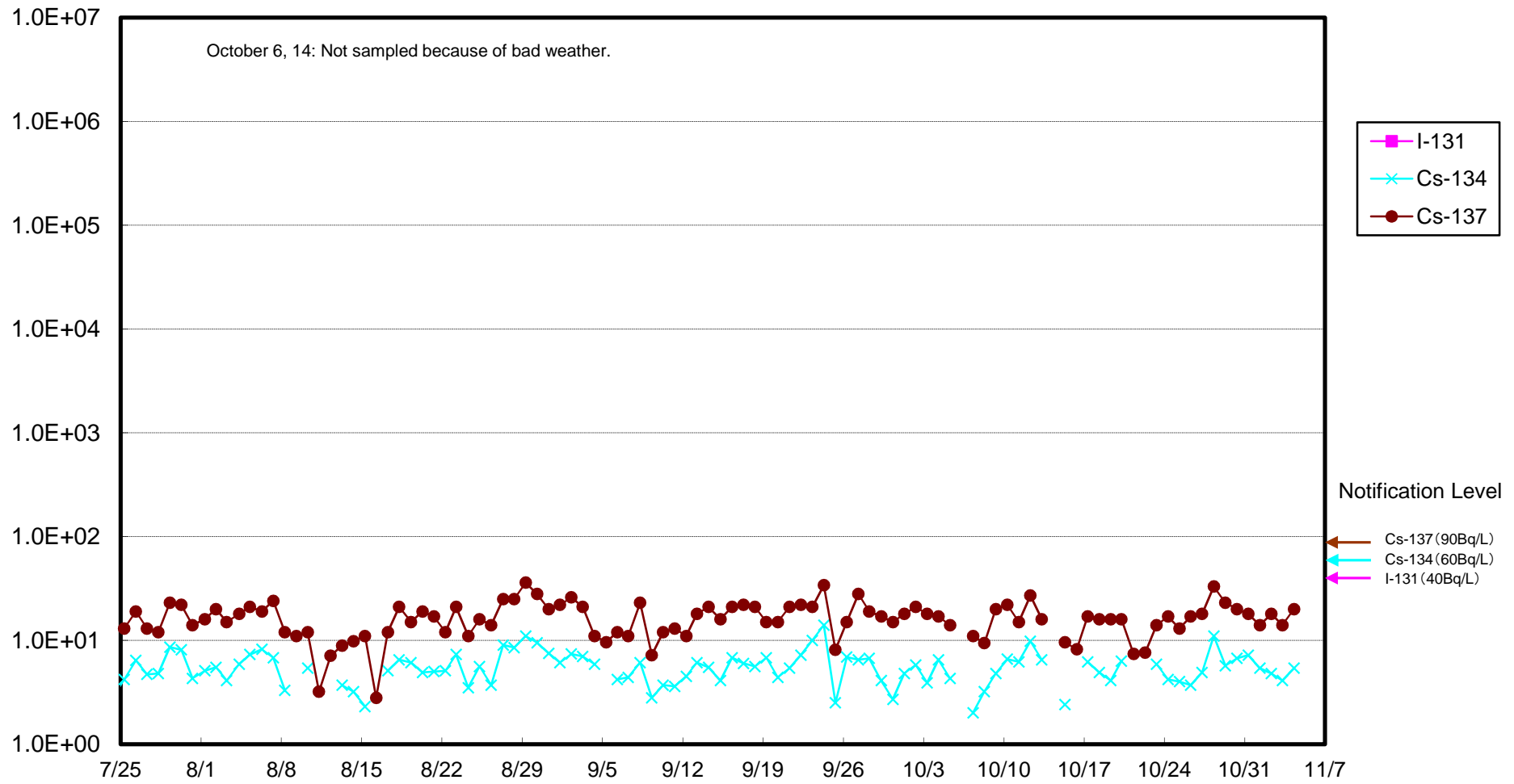
Radioactivity Density of the Seawater in Front of the Shallow Draft Quay at 1F (Bq/L)



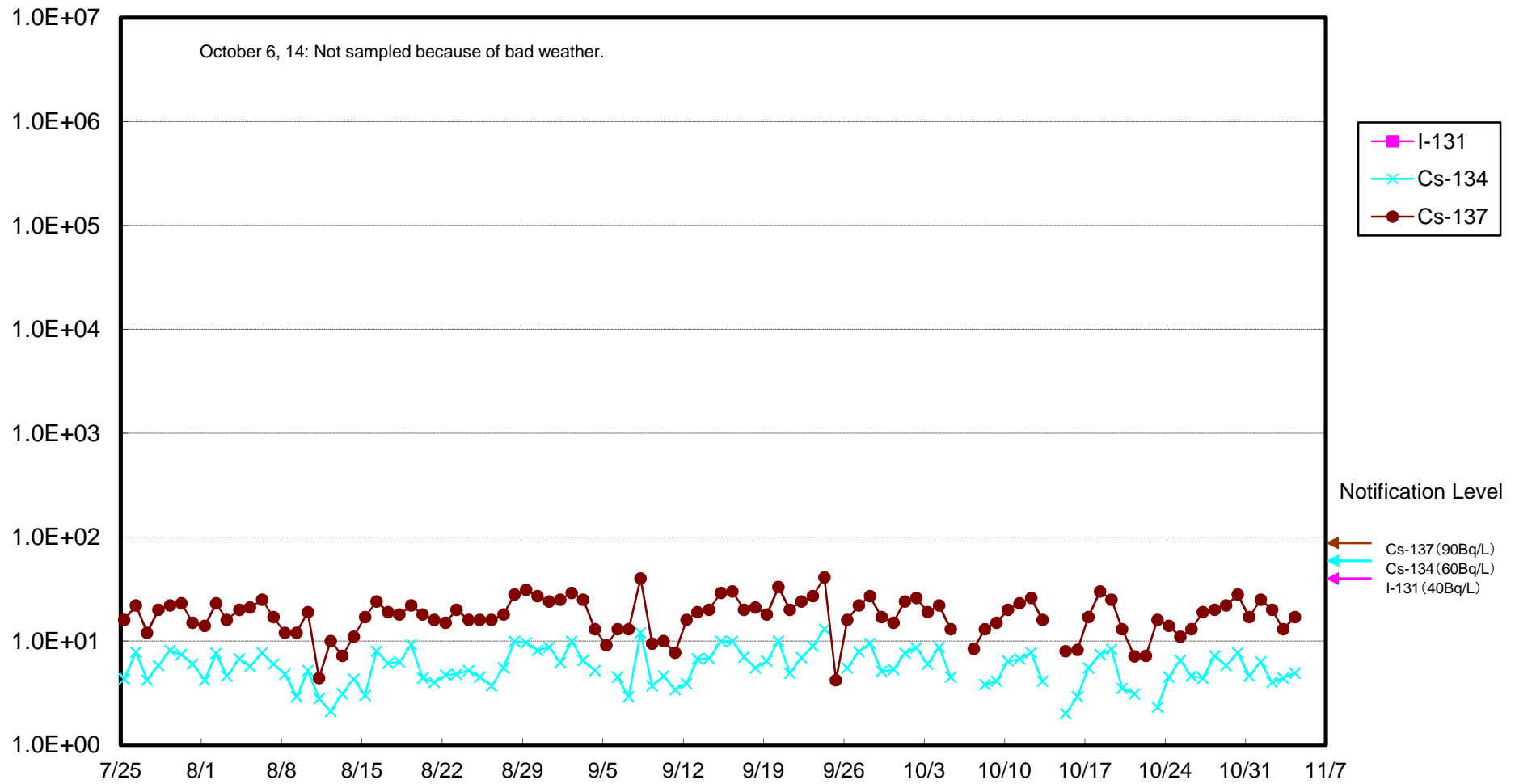
Radioactivity Density of the Seawater at the North of Unit 1-4 Water Intake (North of East Seawater Break of Fukushima Daiichi NPS (Bq/ L)



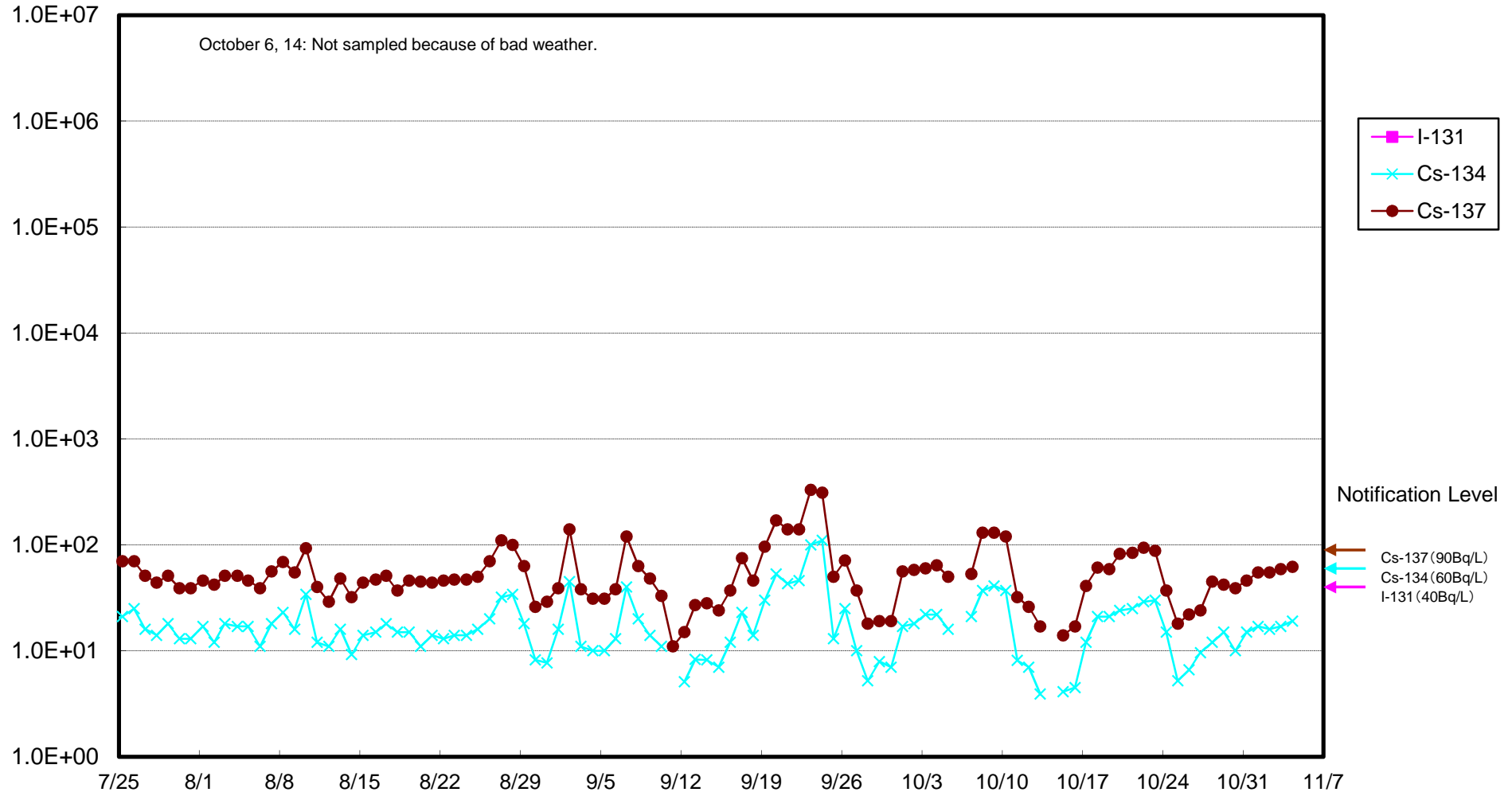
Radioactivity Density of the Seawater of Unit 1 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



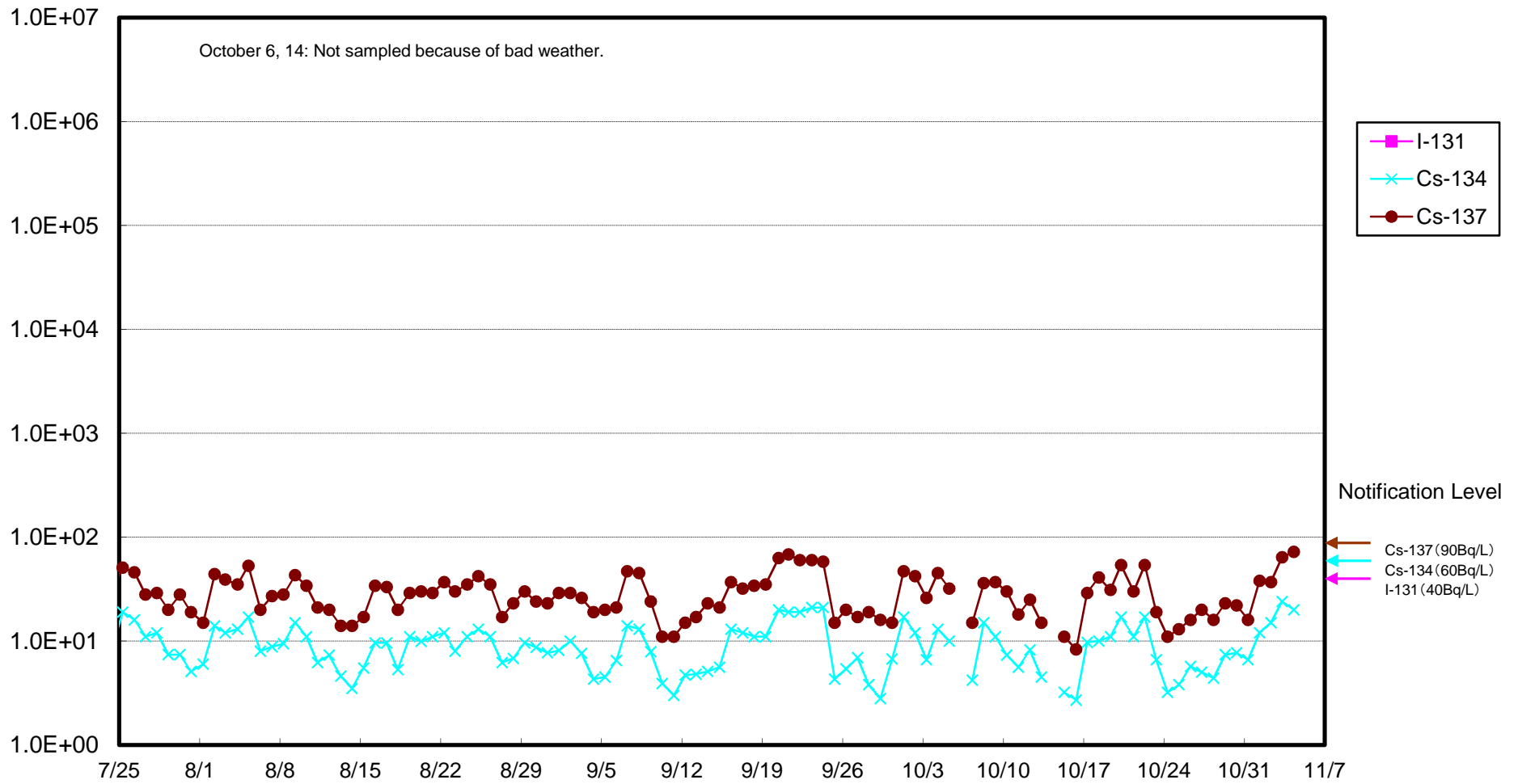
Radioactivity Density of the Seawater of Unit 2 Water Intake Canal at Fukushima Daiichi NPS (In front of Impermeable Wall) (Bq/L)



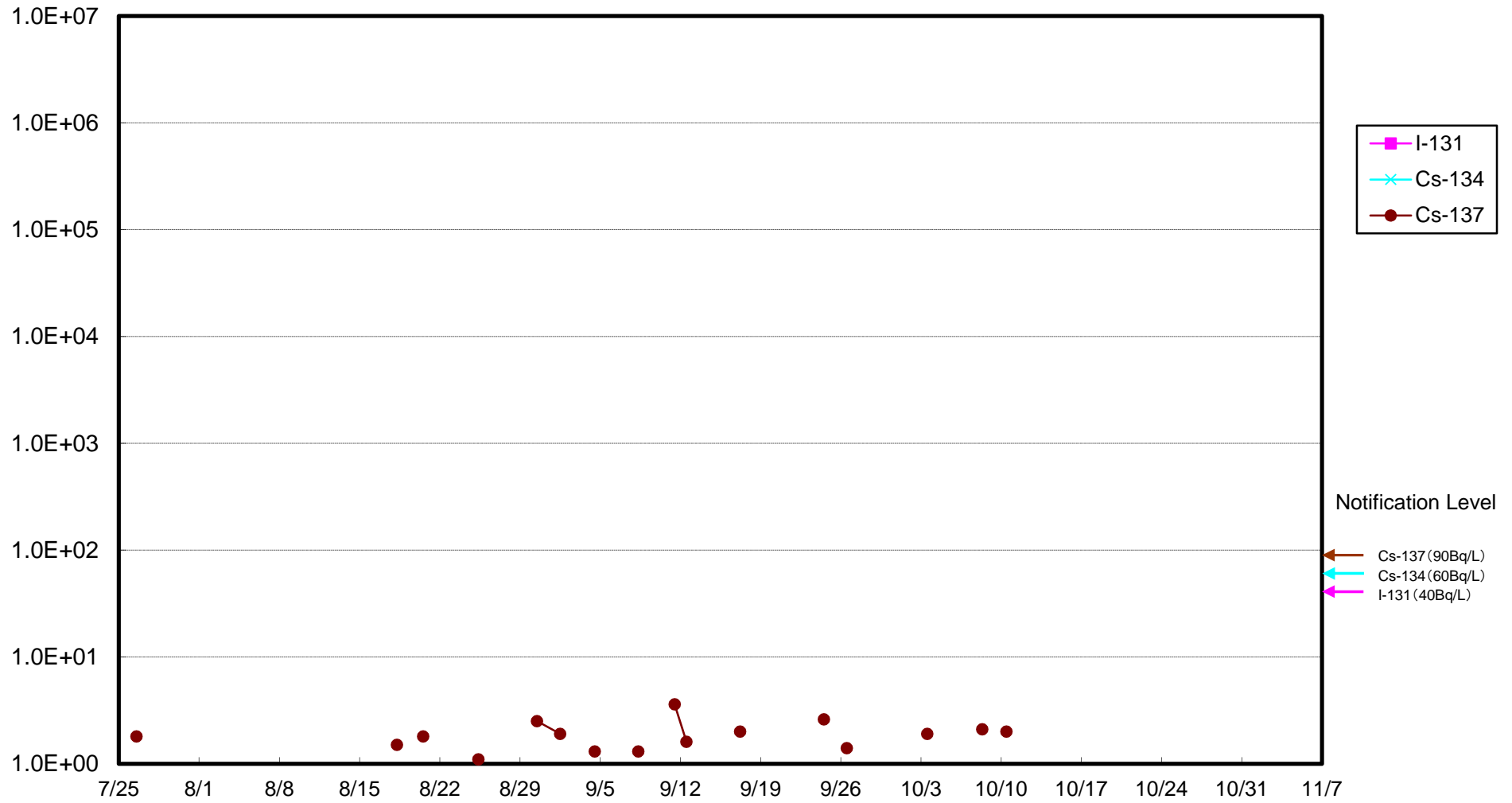
Radioactivity Density of the Seawater at Unit 4 Screen at Fukushima Daiichi NPS (Bq/L)



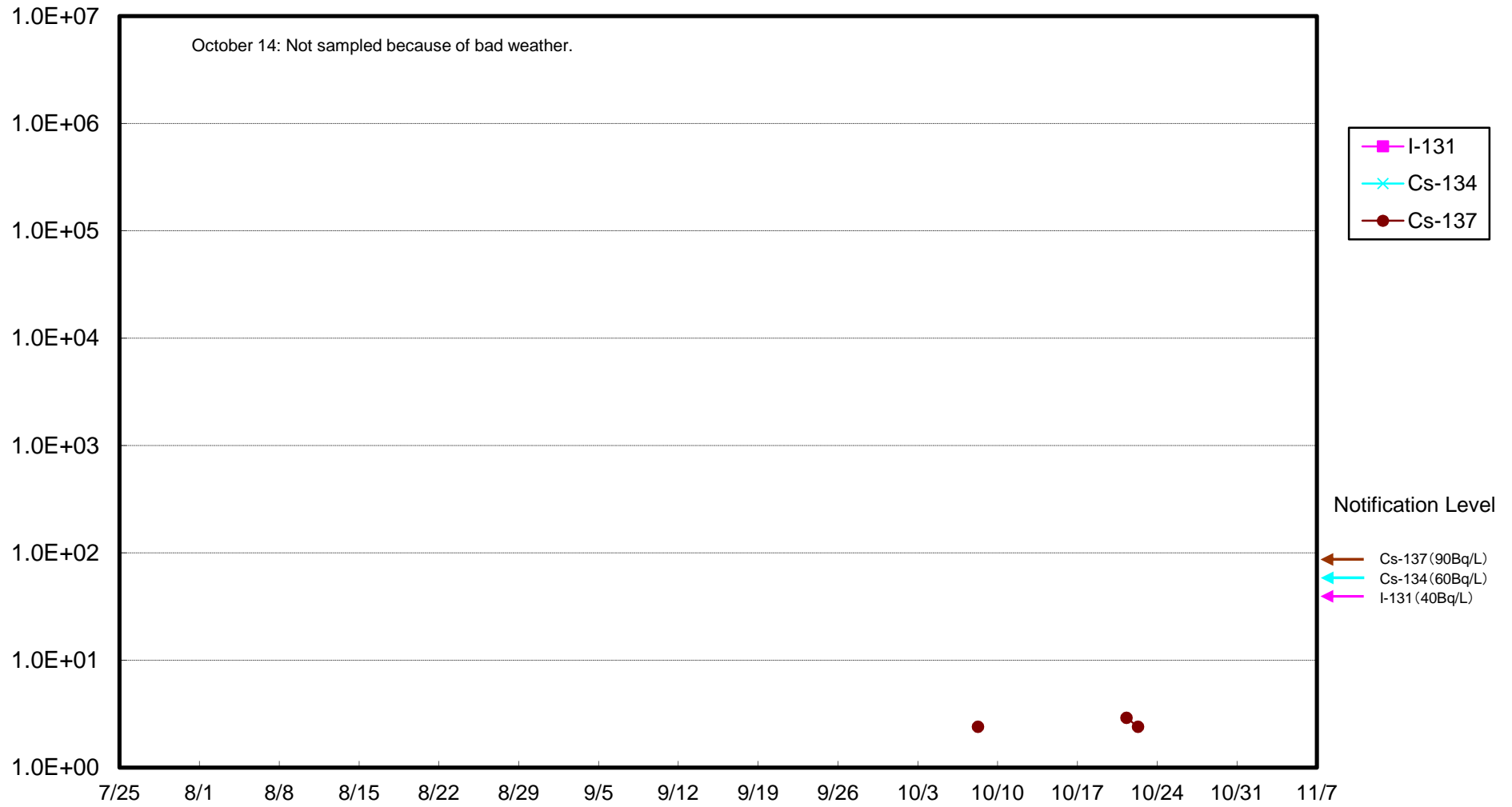
Radioactivity Density of the Seawater at the South of Unit 1-4 Water Intake (in front of Impermeable Wall) at Fukushima Daiichi NPS (Bq/L)



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)

