

Nuclide Analysis Results of the Radioactive Materials in the Air at Fukushima Nuclear Power Stations < 1/2 >

(Data summarized on March 27)

| Place of Sampling | The West Gate of Fukushima Daiichi NPS | | MP-1 of Fukushima Daini NPS (Reference) | | | | Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2) |
|-------------------------------|---|----------------------|---|----------------------|---|----------------------|--|
| | Time of Sampling | | Time of Sampling | | | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | |
| I-131 (Approx. 8 days) | ND | - | ND | - | | | 1E-03 |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | | | 2E-03 |
| Cs-137 (Approx. 30 years) | ND | - | ND | - | | | 3E-03 |

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE - O is the same as $O.O \times 10^{-0}$

Data of other nuclides is under examination.

* 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.

The detection limits at the west gate of Fukushima Daiichi NPS are as follows: Volatile: I-131: Approx. 9E-8Bq/cm³, Cs-134: Approx.2E-7Bq/cm³, Cs-137: Approx.3E-7Bq/cm³ Particulate: I-131: Approx. 5E-8Bq/cm³, Cs-134: Approx.1E-7Bq/cm³, Cs-137: Approx.1E-7Bq/cm³ The detection limits at MP-1 of Fukushima Daini MPS are as follows: Volatile: I-131: Approx. 1E-6Bq/cm³, Cs-134: Approx.2E-6Bq/cm³, Cs-137: Approx.2E-6Bq/cm³ Particulate: I-131: Approx. 9E-7Bq/cm³, Cs-134: Approx.7E-7Bq/cm³, Cs-137: Approx.1E-6Bq/cm³

Nuclide Analysis Results of the Radioactive Materials in the Air at Fukushima Nuclear Power Stations < 2/2 >

(Data summarized on March 27)

| Place of Sampling | MP-1 at Fukushima Daiichi NPS | | MP-3 at Fukushima Daiichi NPS | | MP-8 at Fukushima Daiichi NPS | | Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2) |
|-------------------------------|---|----------------------|---|----------------------|---|----------------------|--|
| | Time of Sampling | | Time of Sampling | | Time of Sampling | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | Density of Sample (Bq/cm ³) | Scaling Factor (/) | |
| | I-131 (Approx. 8 days) | ND | - | ND | - | ND | |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | ND | - | 2E-03 |
| Cs-137 (Approx. 30 years) | ND | - | ND | - | ND | - | 3E-03 |

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE - O is the same as $O.O \times 10^{-O}$

Data of other nuclides is under examination.

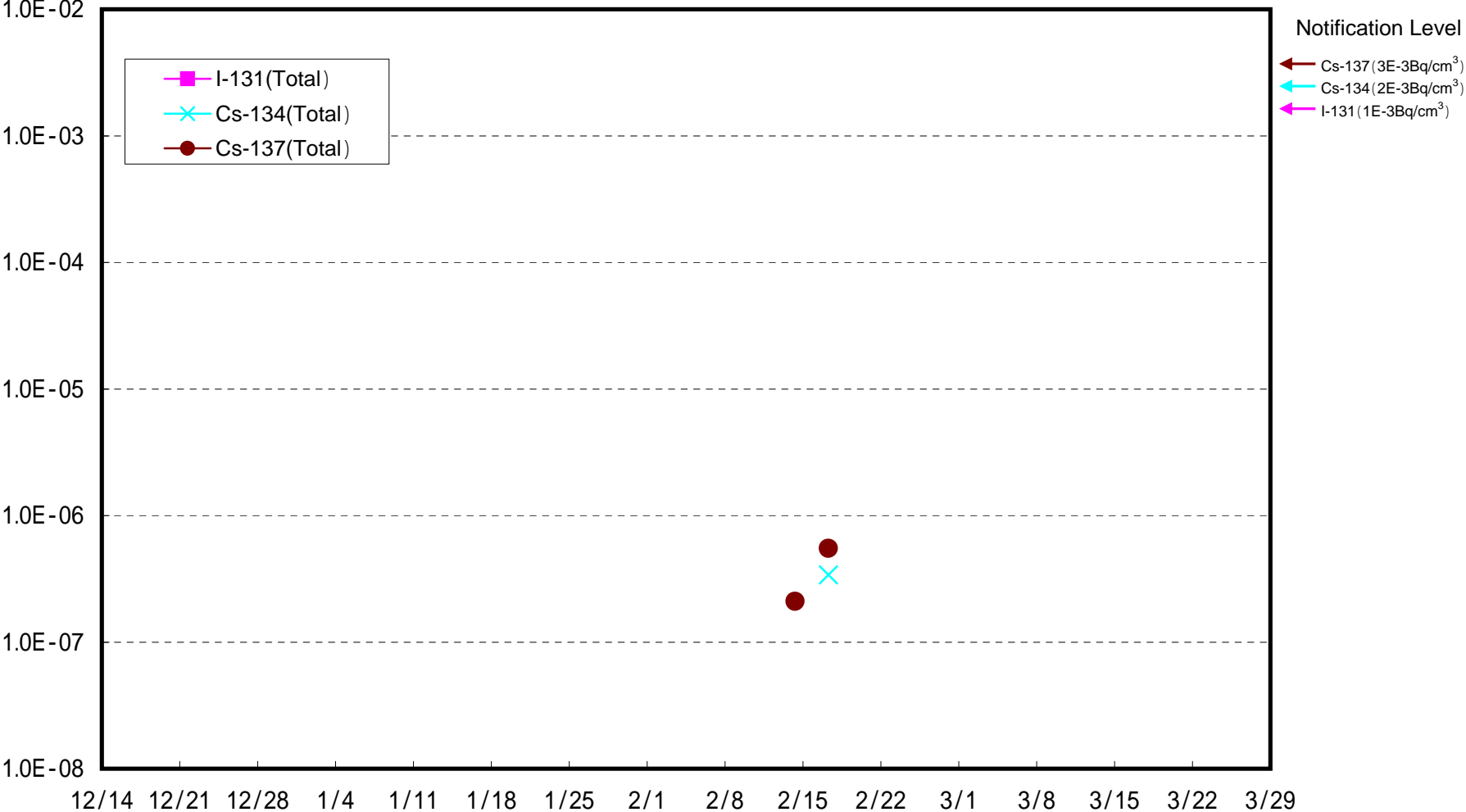
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

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

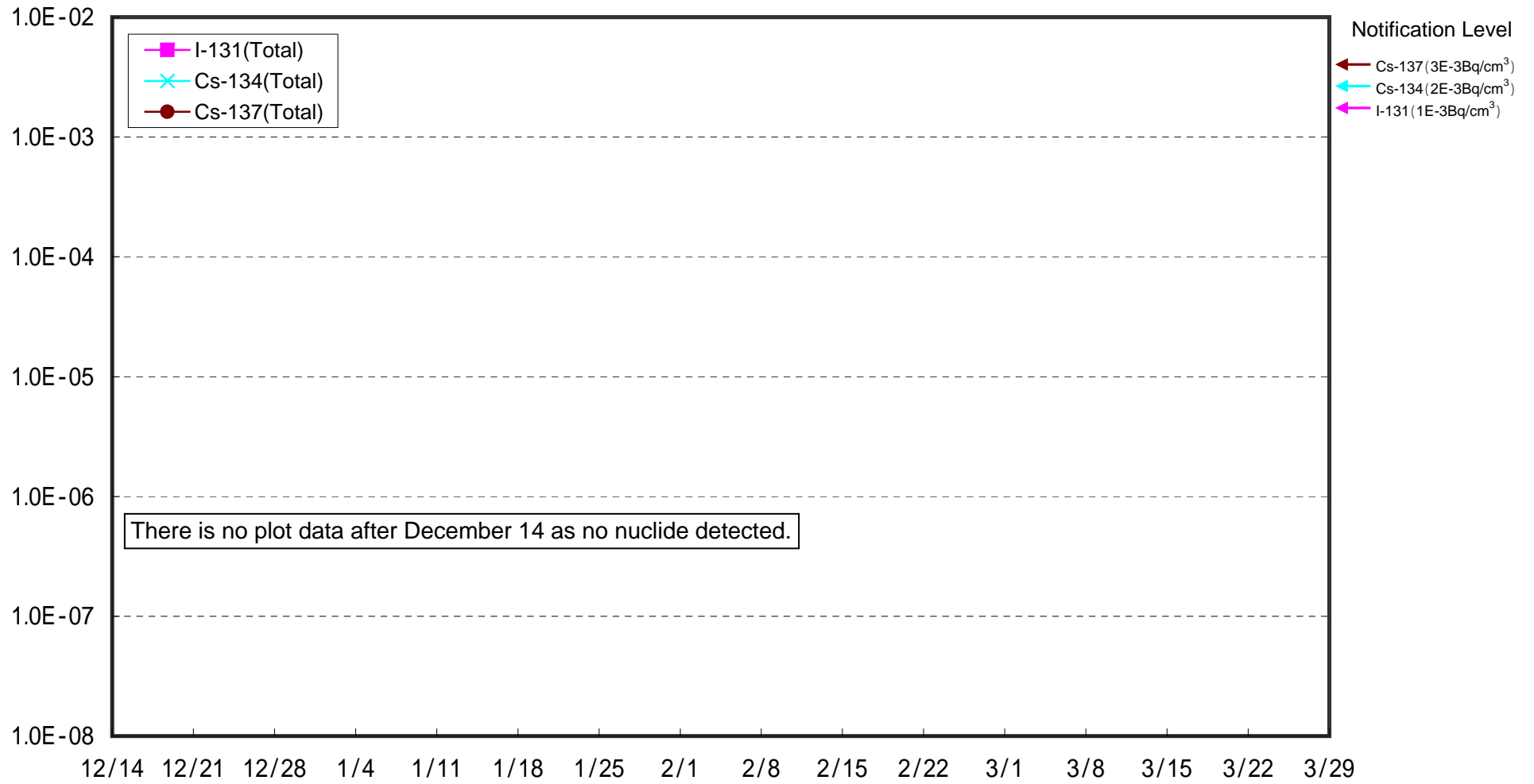
The detection limits are as follows. Volatile: I-131: Approx. $9E-8$ Bq/cm³, Cs-134: Approx. $2E-7$ Bq/cm³, Cs-137: Approx. $3E-7$ Bq/cm³

Particulate: I-131: Approx. $7E-8$ Bq/cm³, Cs-134: Approx. $1E-7$ Bq/cm³, Cs-137: Approx. $2E-7$ Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

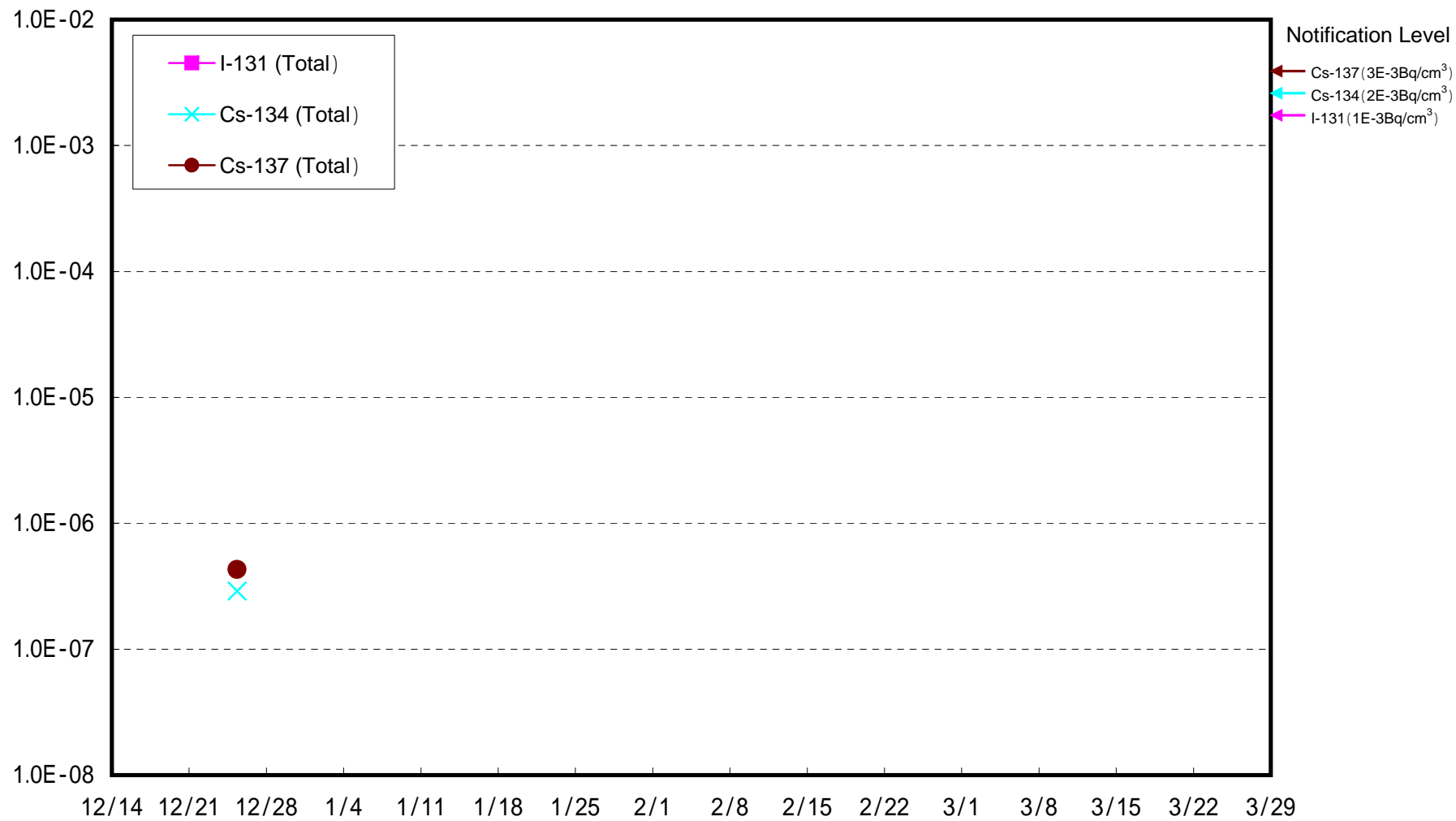
Dust Nuclides Analysis Result: The West Gate of Fukushima Daiichi Nuclear Power Station (Bq/cm³)



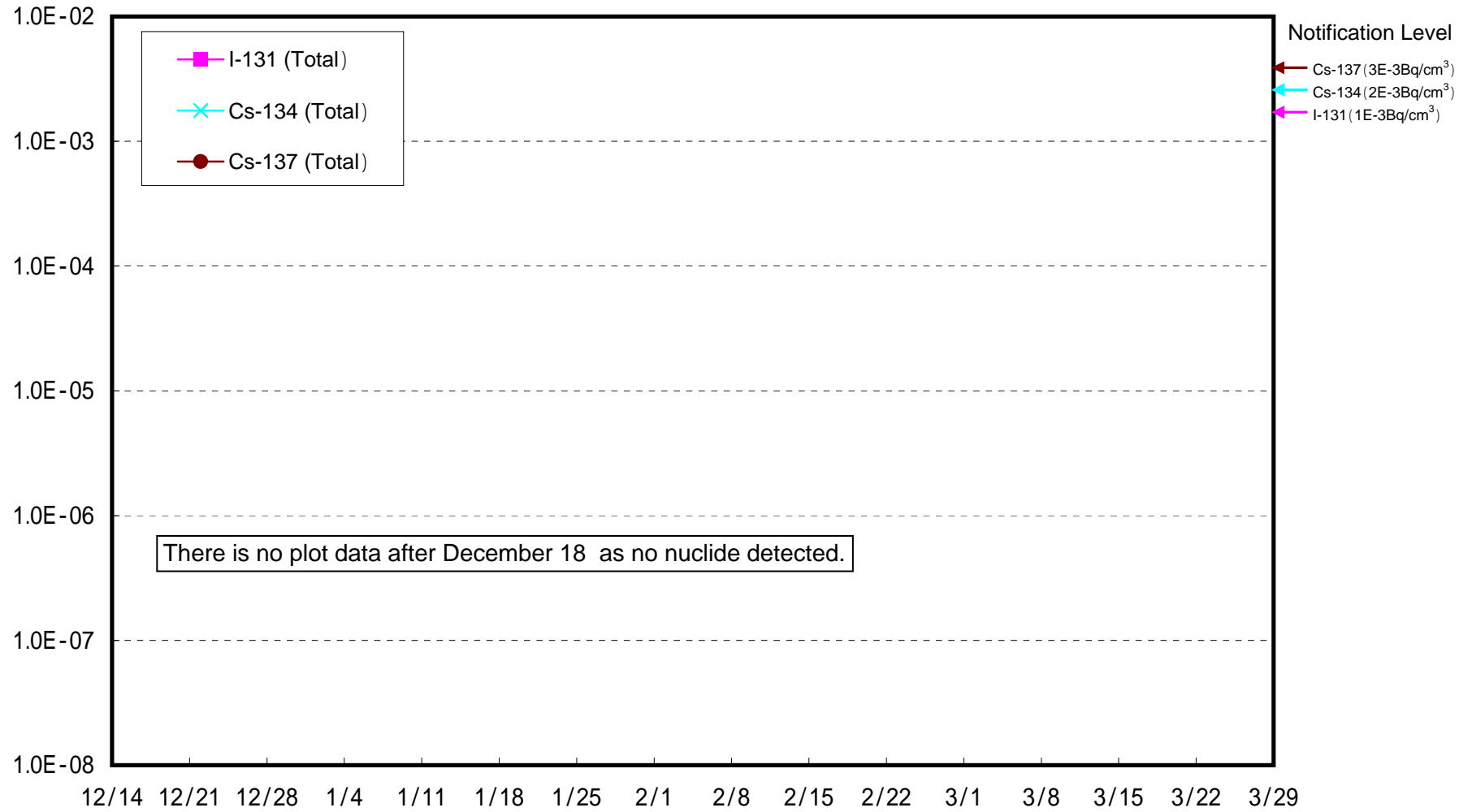
(Reference) Dust Nuclides Analysis Results of MP-1 at Fukushima Daini NPS (Bq/cm³)



Dust Nuclides Analysis Result: MP-1 at Fukushima Daiichi NPS (Bq/cm³)



Dust Nuclides Analysis Result: MP-3 at Fukushima Daiichi NPS (Bq/cm³)



Dust Nuclides Analysis Result: MP-8 at Fukushima Daiichi NPS (Bq/cm³)

