

Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Reference

(Data summarized on March 29)

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Mar 28, 2012 09:49 am	Mar 28, 2012 09:47 am	Mar 28, 2012 09:52 am	Mar 28, 2012 09:11 am	Mar 28, 2012 09:40 am	Mar 28, 2012 09:35 am	Mar 28, 2012 09:20 am
Detected Nuclides (Half-life)	Density of sample (Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.6E-01	4.0E-01	3.0E-02	ND	ND	ND	ND
Cs-137 (about 30 years)	3.8E-01	6.2E-01	ND	ND	ND	ND	ND

* O.OE - O means O.O x 10-O

* Data of other nuclides are under evaluation.

* "ND" means the sampled data is below measurable limit.

I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3)

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Result of Pu Analysis of Subdrain

1. Place of Sampling :

Unit 2 Sub drain of Fukushima Daiichi Nuclear Power Station

Unit 5 Sub drain of Fukushima Daiichi Nuclear Power Station

Deep well of Fukushima Daiichi Nuclear Power Station

2. Analysis Institute : Japan Chemical Analysis Center

3. Result of Measurement :

(Unit : Bq/cm³)

Place of Sampling	Date	Pu-238	Pu-239+Pu-240
Unit 2 Sub drain of 1F	Mar. 12	N.D. [$<6.4 \times 10^{-7}$]	N.D. [$<6.4 \times 10^{-7}$]
Unit 5 Sub drain of 1F		N.D. [$<5.3 \times 10^{-7}$]	N.D. [$<5.1 \times 10^{-7}$]
Deep well of 1F		N.D. [$<5.5 \times 10^{-7}$]	N.D. [$<5.5 \times 10^{-7}$]

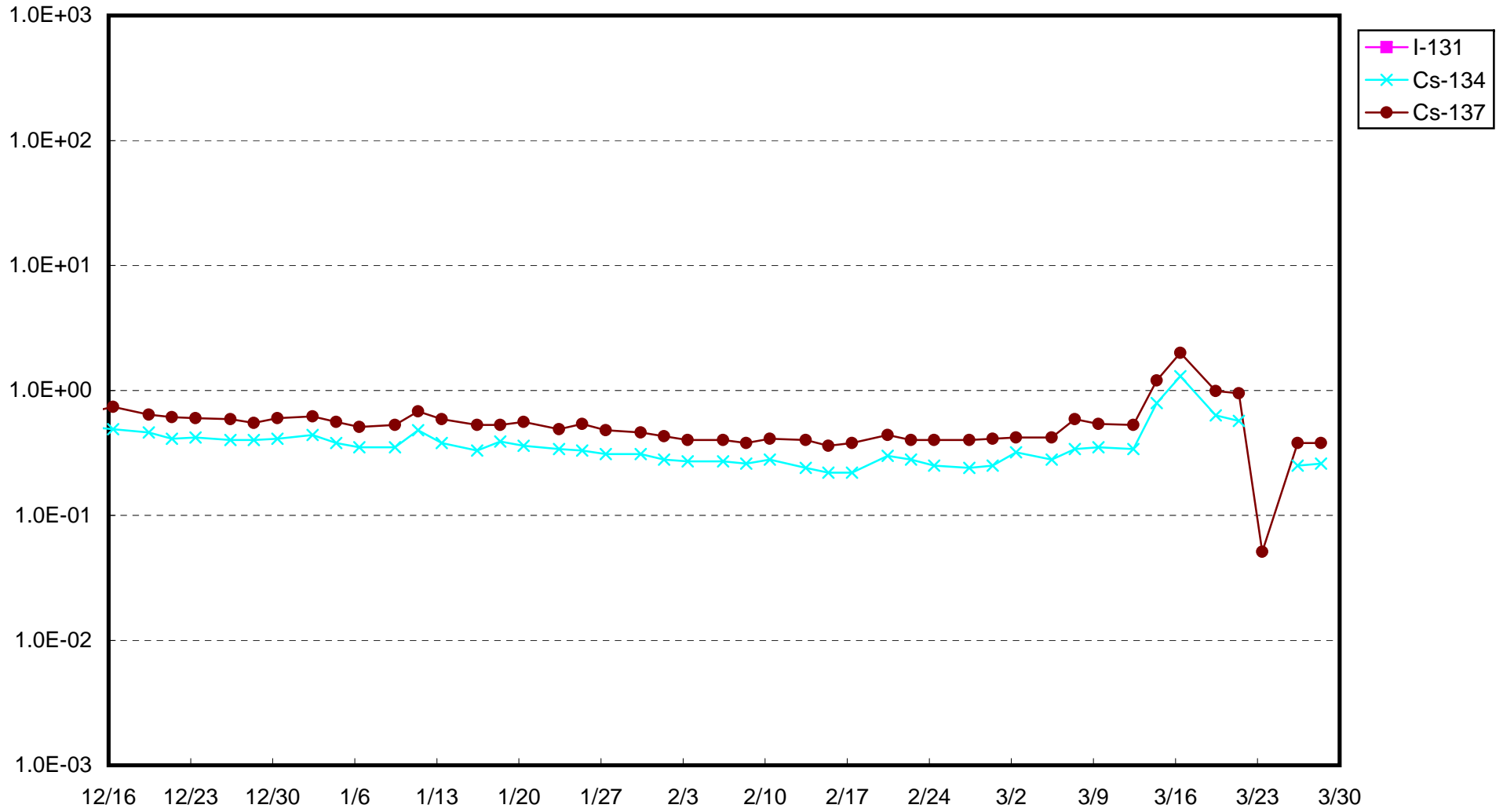
The value inside [] means detection limit.

4. Evaluation:

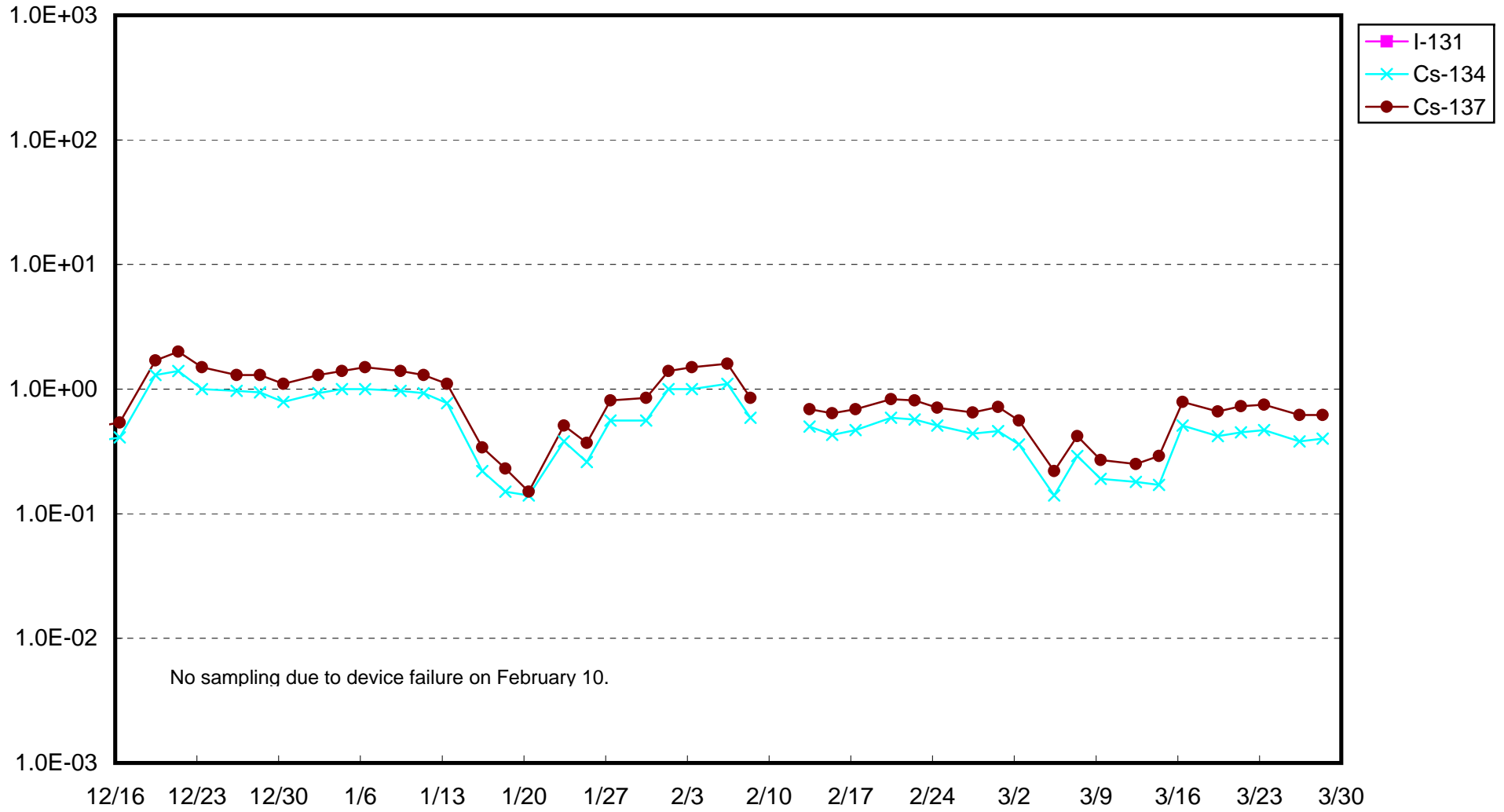
Pu-238, Pu-239+Pu-240 were not detected in the sample collected this time

End

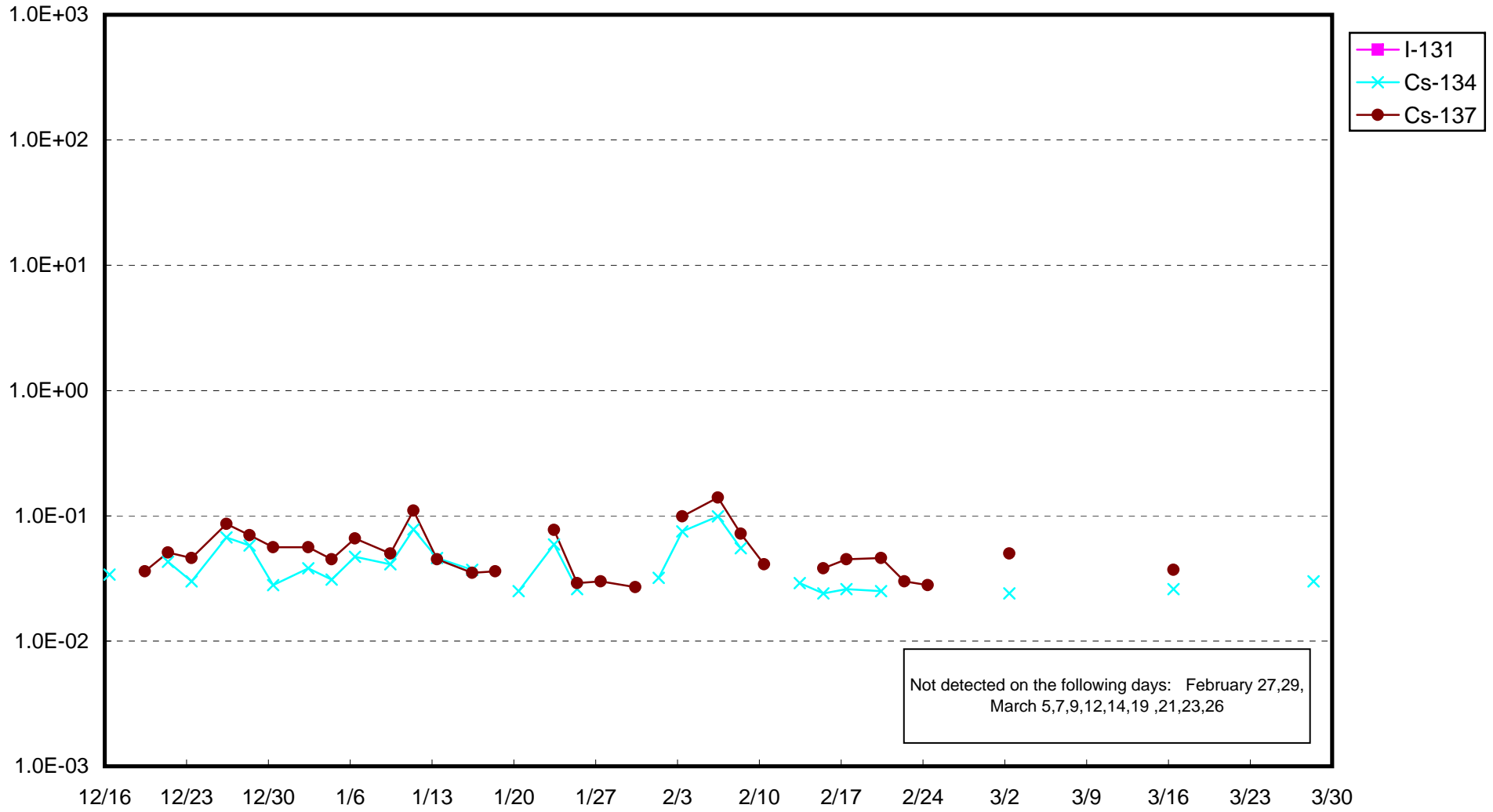
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 1 (Bq/cm³)



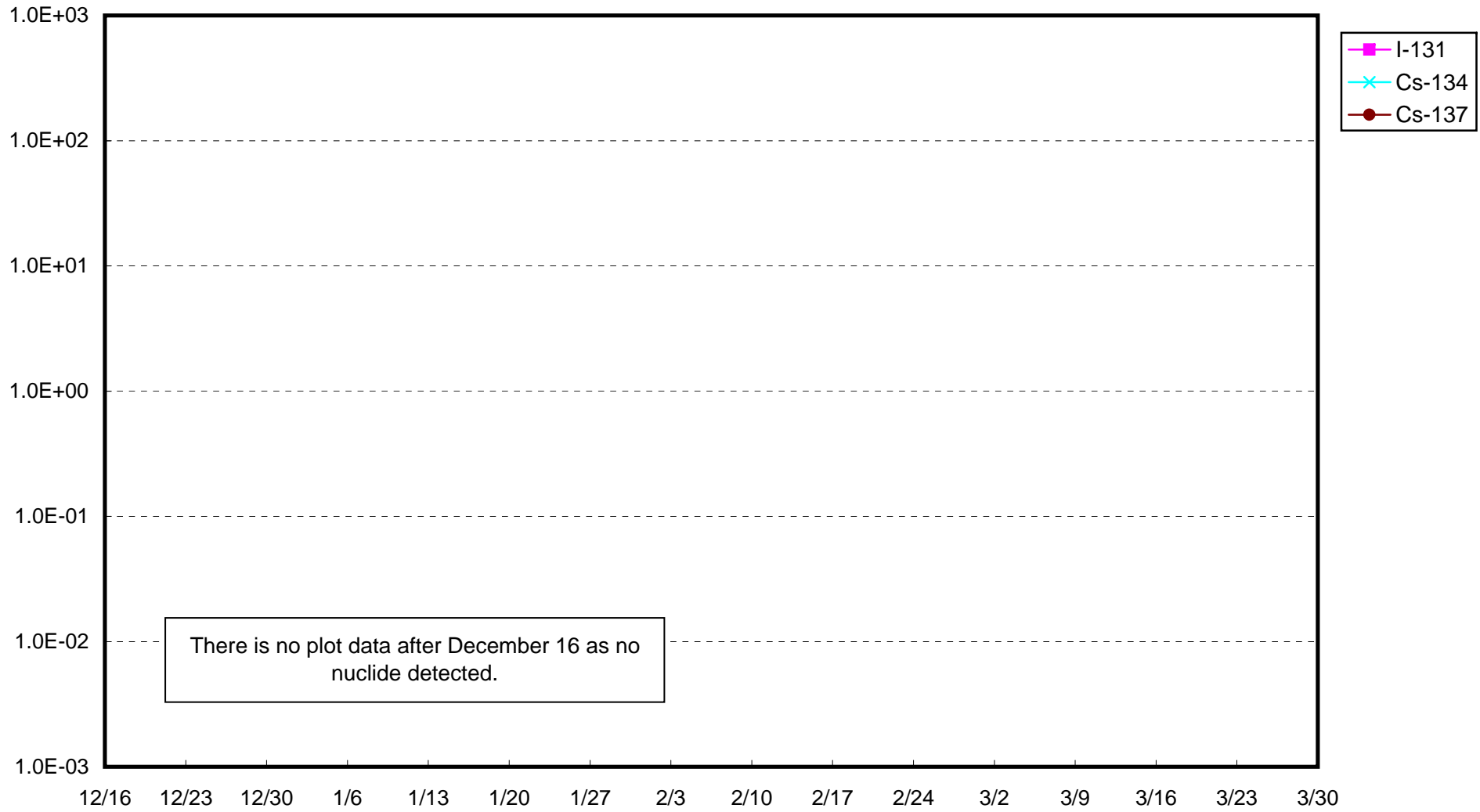
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 2 (Bq/cm³)



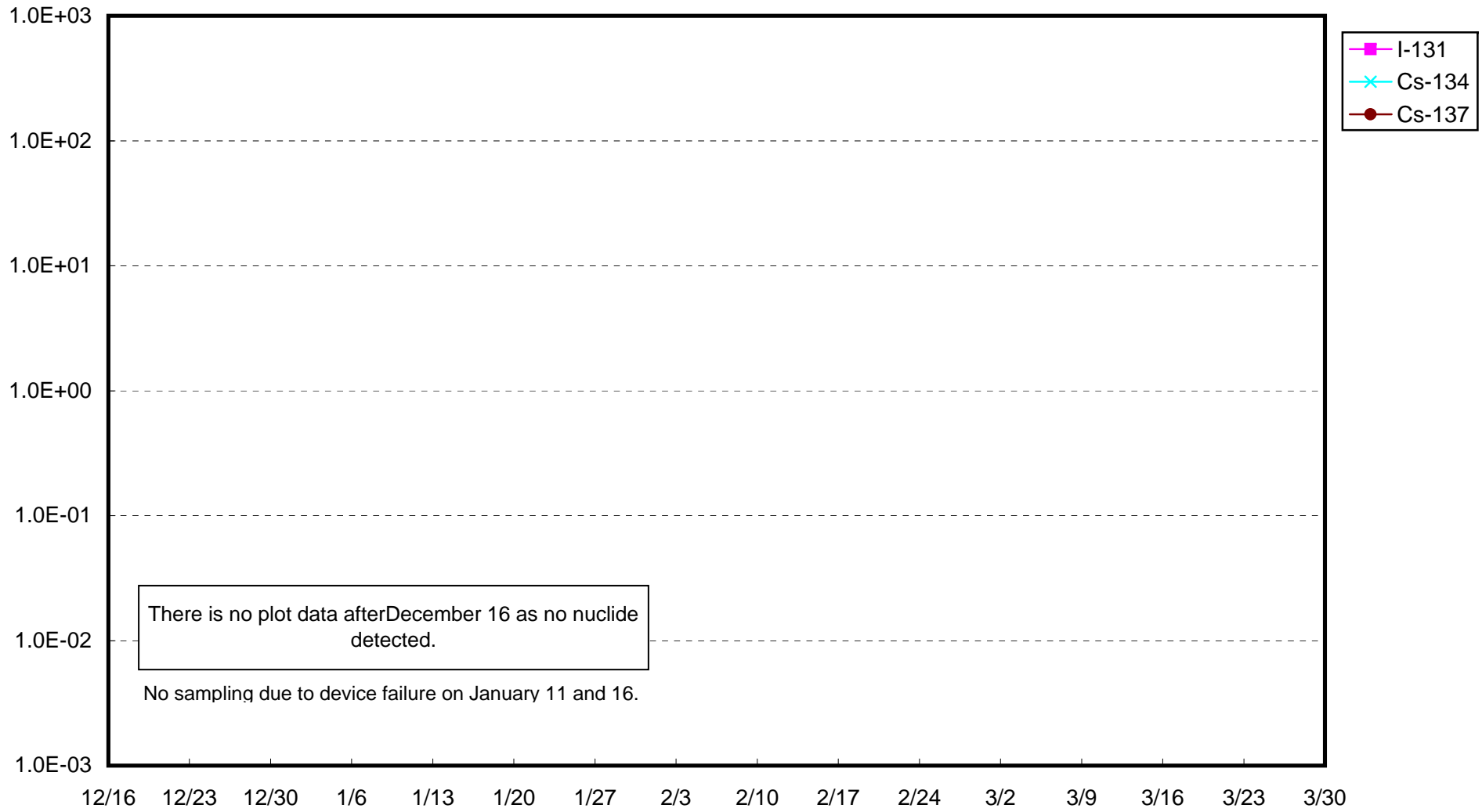
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 3 (Bq/cm³)



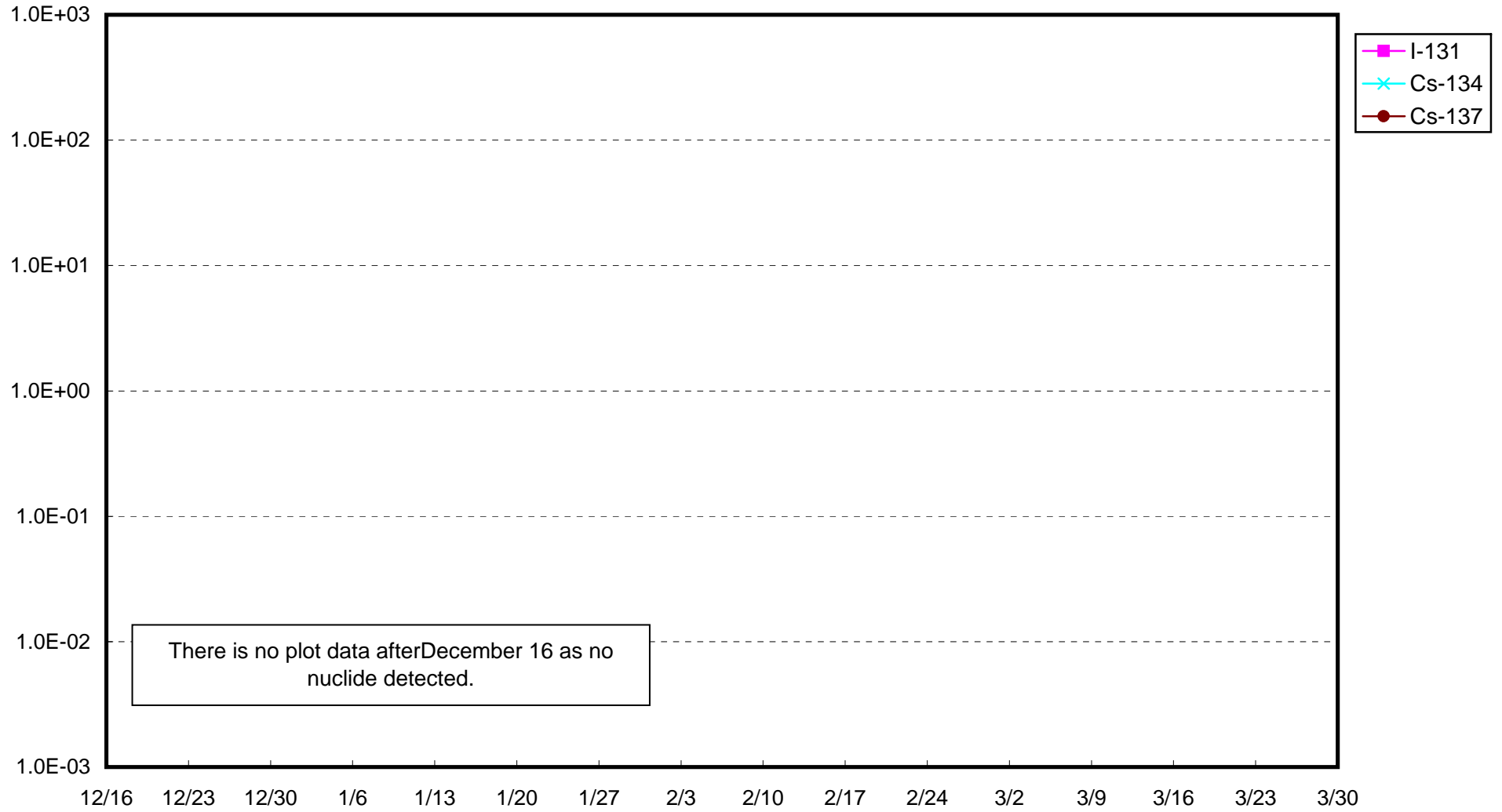
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 4 (Bq/cm³)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 5 (Bq/cm³)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 6 (Bq/cm³)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density at the Deep Well at the Site (Bq/cm³)

