

Nuclides Analysis Result of the Sub-drain of Fukushima Daiichi NPS

(Data summarized on November 27)

Place of Sampling	Fukushima Daiichi NPS Unit 1 Sub-drain	Fukushima Daiichi NPS Unit 2 Sub-drain	Fukushima Daiichi NPS Unit 3 Sub-drain	Fukushima Daiichi NPS Unit 4 Sub-drain	Fukushima Daiichi NPS Unit 5 Sub-drain	Fukushima Daiichi NPS Unit 6 Sub-drain	Deep Well at Fukushima Daiichi NPS
Time of Sampling	Nov 26, 2012 8:52 AM	Nov 26, 2012 11:40 AM	Nov 26, 2012 11:44 AM	Nov 26, 2012 9:01 AM	N/A	N/A	Nov 26, 2012 8:40 AM
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)						
I-131 (Approx. 8 days)	ND	ND	ND	ND	-	-	ND
Cs-134 (Approx. 2 years)	6.4E-02	1.7E-01	ND	ND	-	-	ND
Cs-137 (Approx. 30 years)	1.6E-01	3.3E-01	ND	ND	-	-	ND

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

* Data of other nuclides is under evaluation.

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

I-131: Approx. 1E-2Bq/cm³, Cs-134: Approx.2E-2Bq/cm³, Cs-137: Approx.2E-2Bq/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.

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Nuclides Analysis Results of the Sub-drain

Place of Sampling	Fukushima Daiichi NPS Unit 2 Sub-drain	Fukushima Daiichi NPS Unit 4 Sub-drain
Date of Sampling	Jun 11, 2012	Jun 11, 2012
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	6.7E-02	ND
Cs-137 (Approx. 30 years)	1.1E-01	ND
H-3 (approx. 12yrs)	9.7E-01	6.2E+00
All α	ND	ND
All β	4.6E-01	1.2E-02
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	1.3E-01	2.8E-05

* 0.0E±0 is the same as 0.0x10^{±0}.

* Nuclide analysis results of I-131, Cs-134 and Cs-137 were announced on June 12.

Nuclide analysis results of H-3, all α and all β were announced on October 3.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

I-131: Approx. 1E-2Bq/cm³, Cs-134: Approx.2E-2Bq/cm³, Cs-137: Approx.2E-2Bq/cm³,

All α: Approx. 3E-3Bq/cm³, Sr-89: Approx. 7E-5Bq/cm³

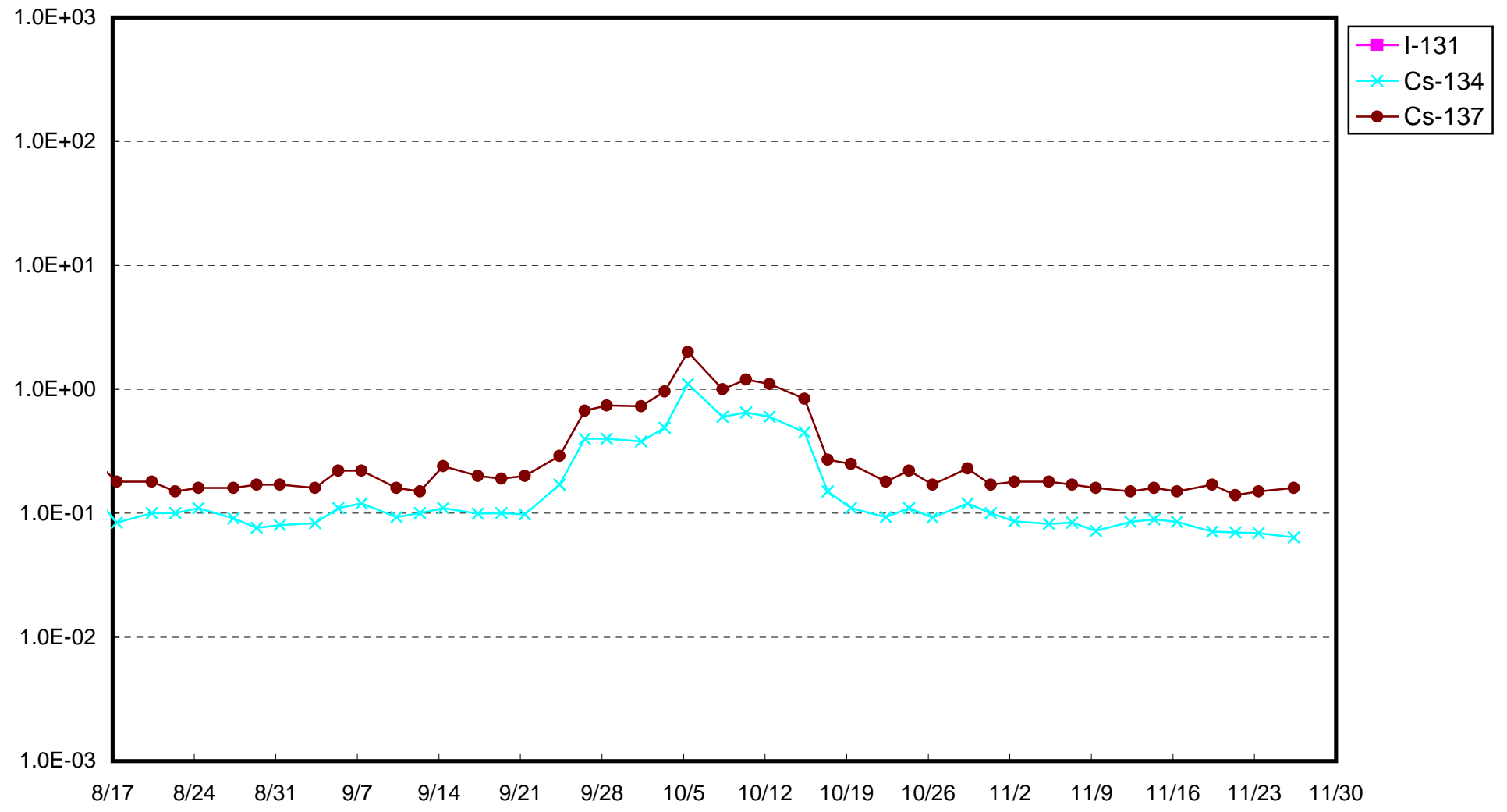
As the detection limit may vary depending on the detectors and sample properties,
there are cases where nuclides below the detection limit are detected.

* Nuclides analysis of Sr-89 and Sr-90 were done by KAKEN Inc.

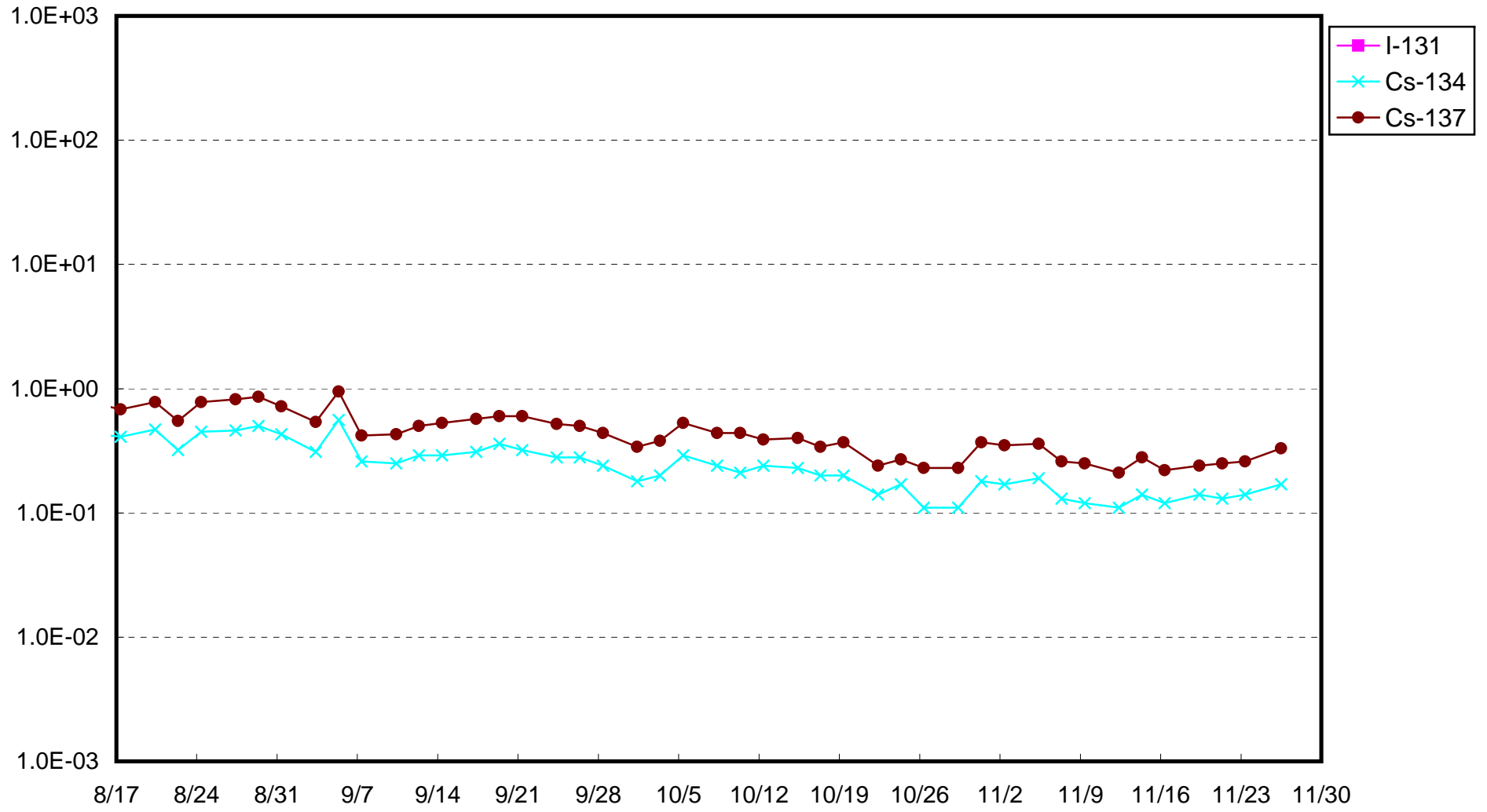
(Evaluation)

Sr-90 was detected supposedly as a result of this accident.

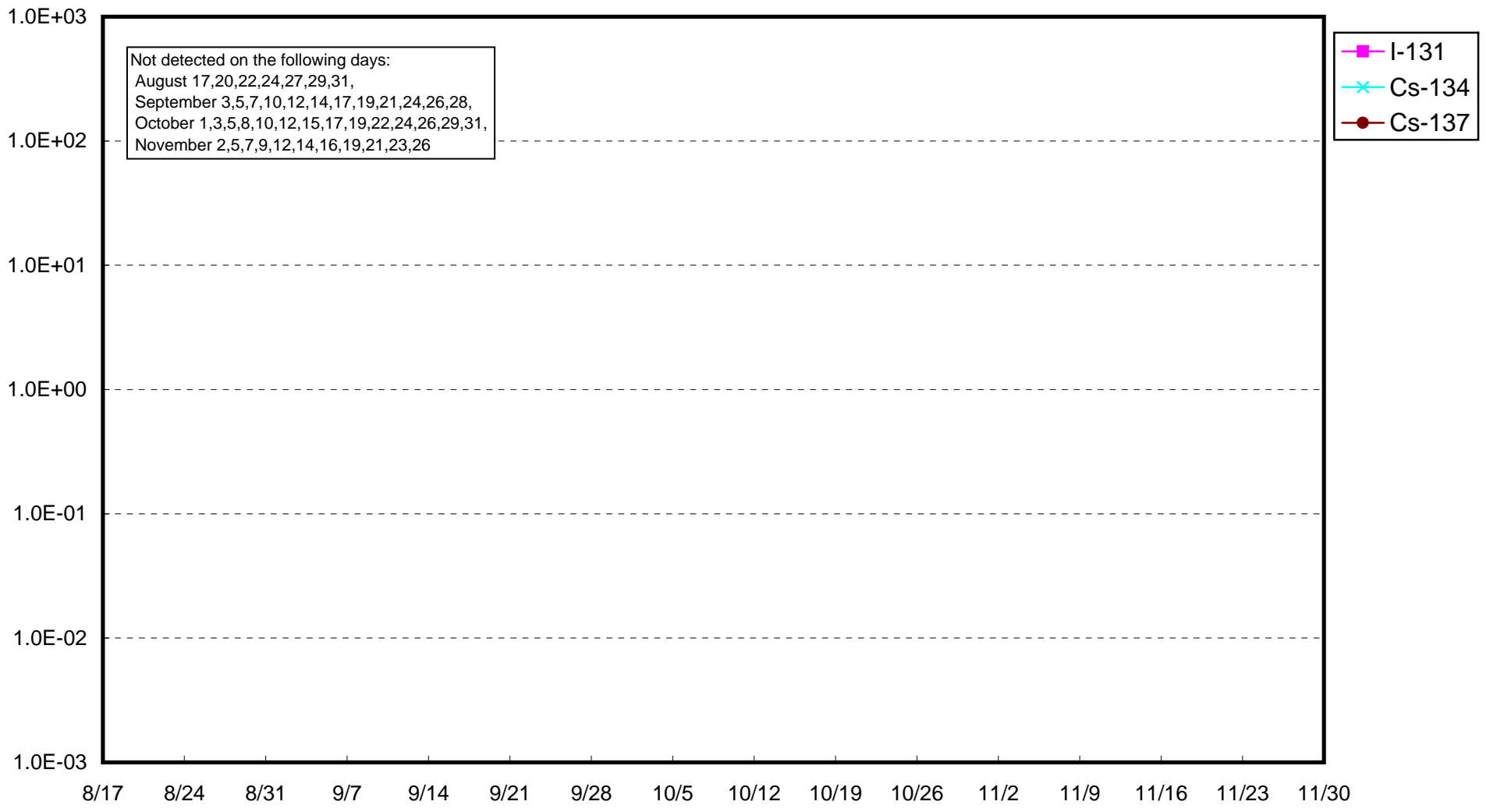
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 1 Sub-drain (Bq/cm³)



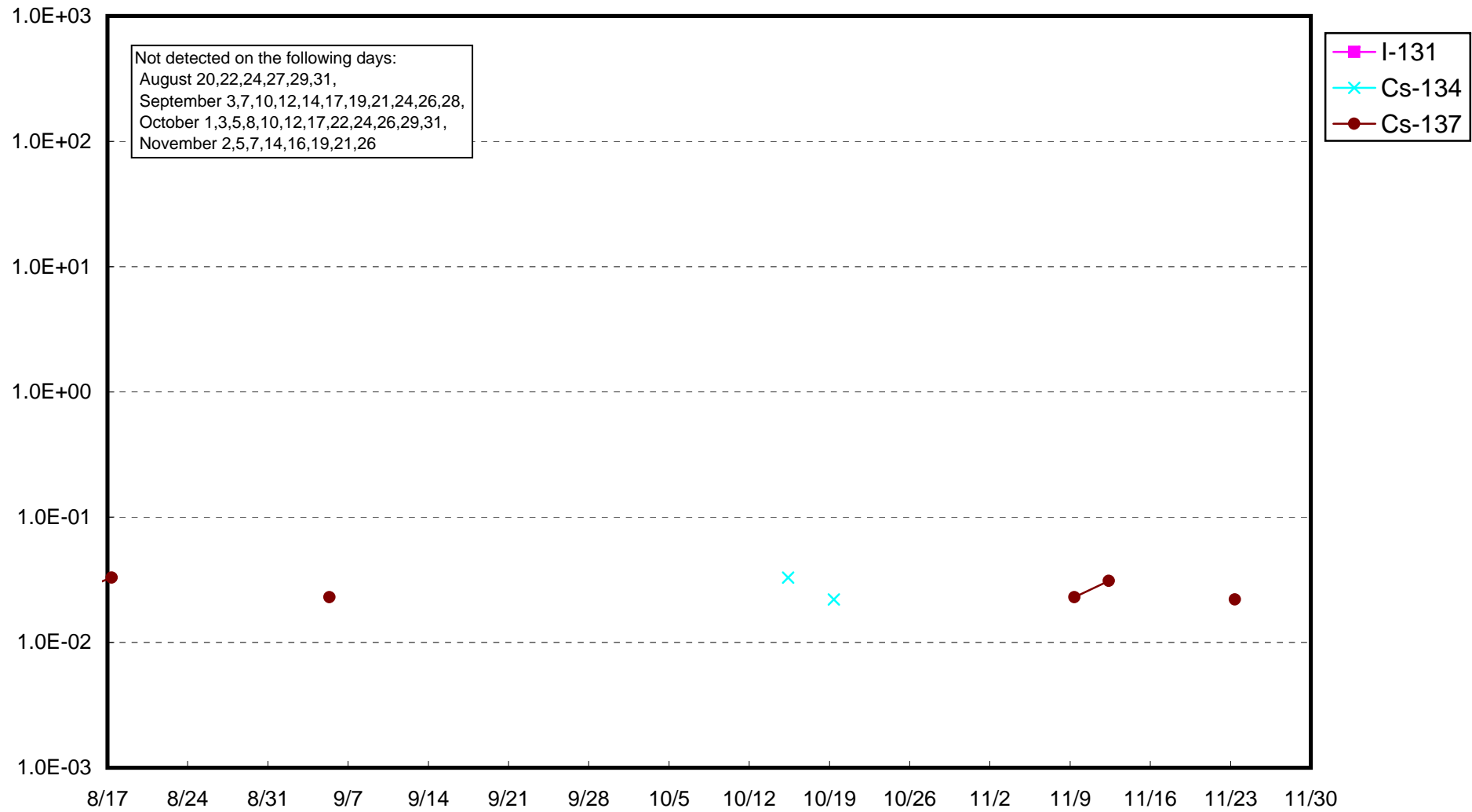
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 2 Sub-drain (Bq/cm³)



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



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



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

