

Reference

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

(Data summarized on May 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	May 26, 2014 8:15 AM	May 26, 2014 8:10 AM	May 26, 2014 8:05 AM	May 26, 2014 7:58 AM	N/A	N/A	N/A
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)						
I-131 (Approx. 8 days)	ND	ND	ND	ND	-	-	-
Cs-134 (Approx. 2 years)	4.0E-02	6.8E-02	ND	ND	-	-	-
Cs-137 (Approx. 30 years)	8.9E-02	2.3E-01	2.2E-02	ND	-	-	-

* 0.0E-0 is the same as 0.0 x 10⁰

* 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. 1E-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.

Nuclides Analysis Result of Radioactive Materials of Sub-Drain <1/2>

(Data summarized on May 27)

Place of Sampling	Unit 2 Sub-Drain at Fukushima Daiichi NPS	Unit 6 Sub-Drain at Fukushima Daiichi NPS
Date of Sampling	Nov 11, 2013	Nov 11, 2013
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	1.3E-01	ND
Cs-137 (Approx. 30 years)	3.2E-01	2.1E-02
H-3 (approx. 12yrs)	1.8E-01	5.5E-02
Gross α	ND	ND
Gross β	5.8E-01	4.6E-02
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	6.2E-02	3.3E-05

* 0.0E±0 is the same as 0.0 x 10^{±0}

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on November 11, 2013.

* 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. 1E-2Bq/cm³,

Gross α: Approx. 1E-4Bq/cm³, Sr-89: Approx. 5E-4Bq/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)

H-3, Gross β, and Sr-90 were detected supposedly as a result of this accident.

Nuclides Analysis Result of Radioactive Materials of Sub-Drain <2/2>

(Data summarized on May 27)

Place of Sampling	Unit 2 Sub-Drain at Fukushima Daiichi NPS	Unit 6 Sub-Drain at Fukushima Daiichi NPS
Date of Sampling	Dec 9, 2013	Dec 9, 2013
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)	
I-131 (Approx. 8 days)	ND	ND
Cs-134 (Approx. 2 years)	2.3E-01	ND
Cs-137 (Approx. 30 years)	5.9E-01	ND
H-3 (approx. 12yrs)	2.1E-01	7.6E-01
Gross α	ND	ND
Gross β	1.1E+00	1.2E-02
Sr-89 (Approx. 51 days)	ND	ND
Sr-90 (Approx. 29 years)	1.4E-01	1.4E-04

* 0.0E±0 is the same as 0.0 x 10^{±0}

* Nuclide analysis results of I-131, Cs-134, Cs-137 were announced on December 10, 2013.

* 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. 1E-2Bq/cm³, Cs-137: Approx. 2E-2Bq/cm³,

Gross α: Approx. 1E-4Bq/cm³, Sr-89: Approx. 3E-4Bq/cm³

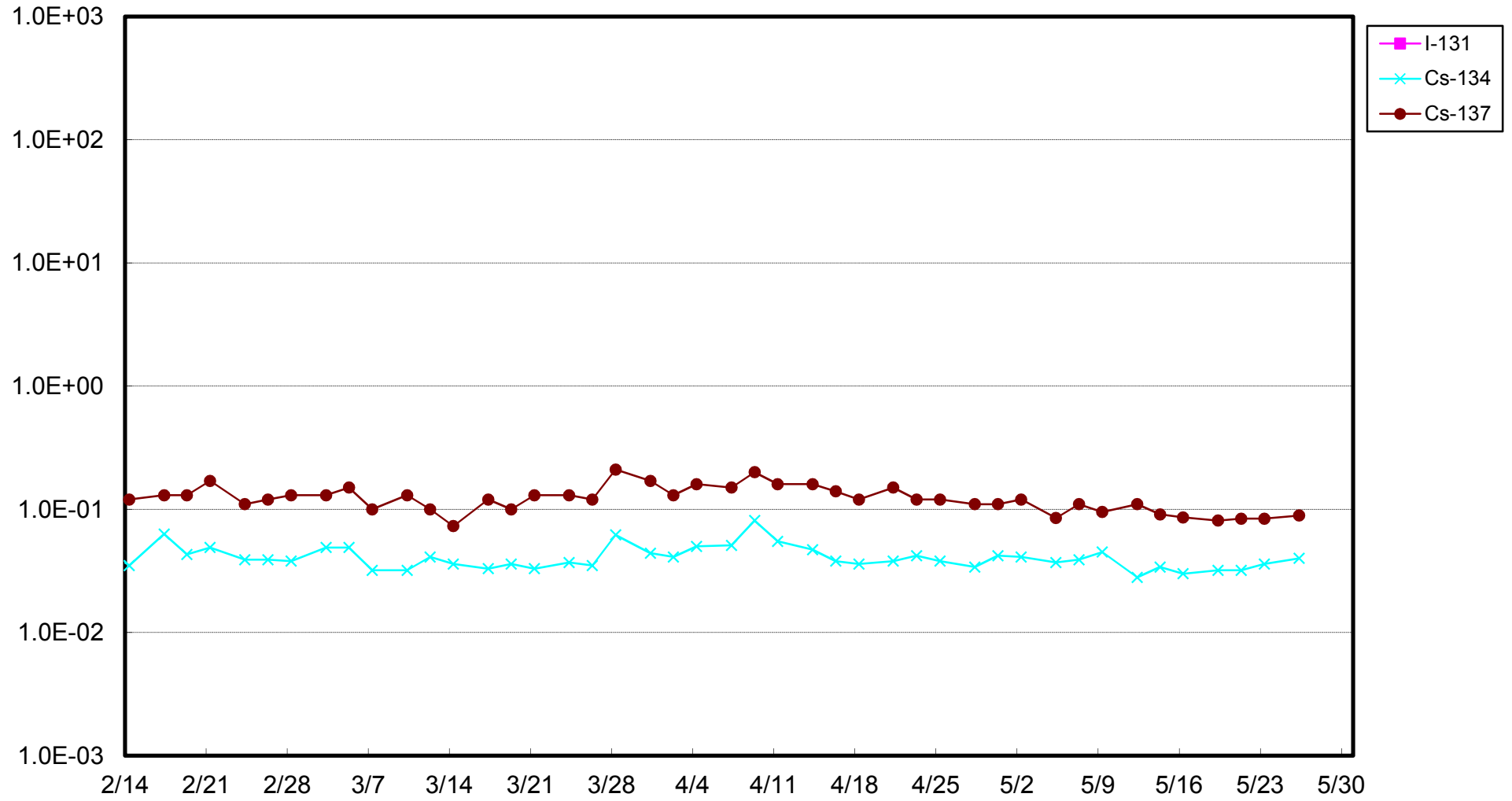
As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

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

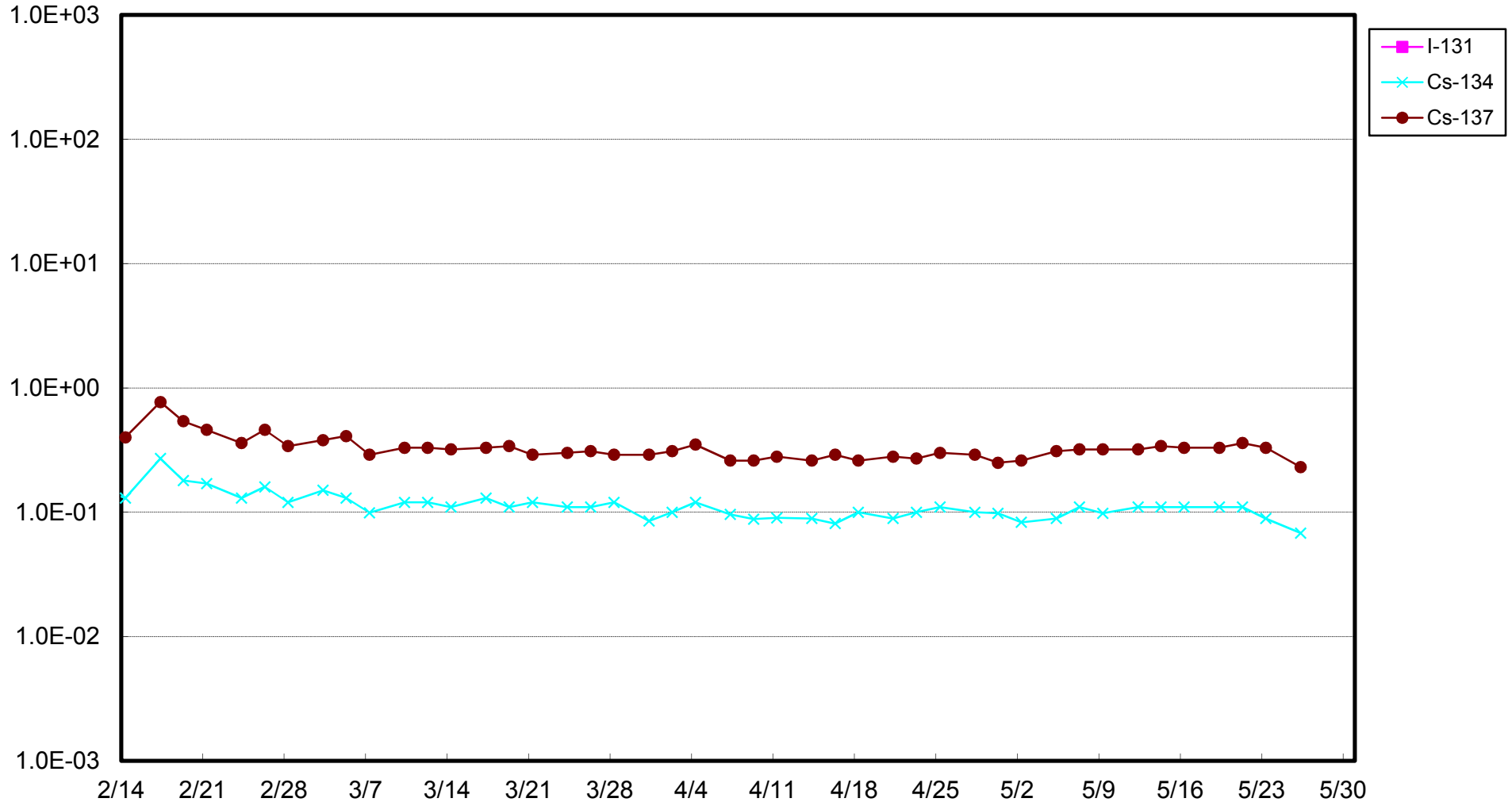
(Evaluation)

H-3, Gross β, and Sr-90 were detected supposedly as a result of this accident.

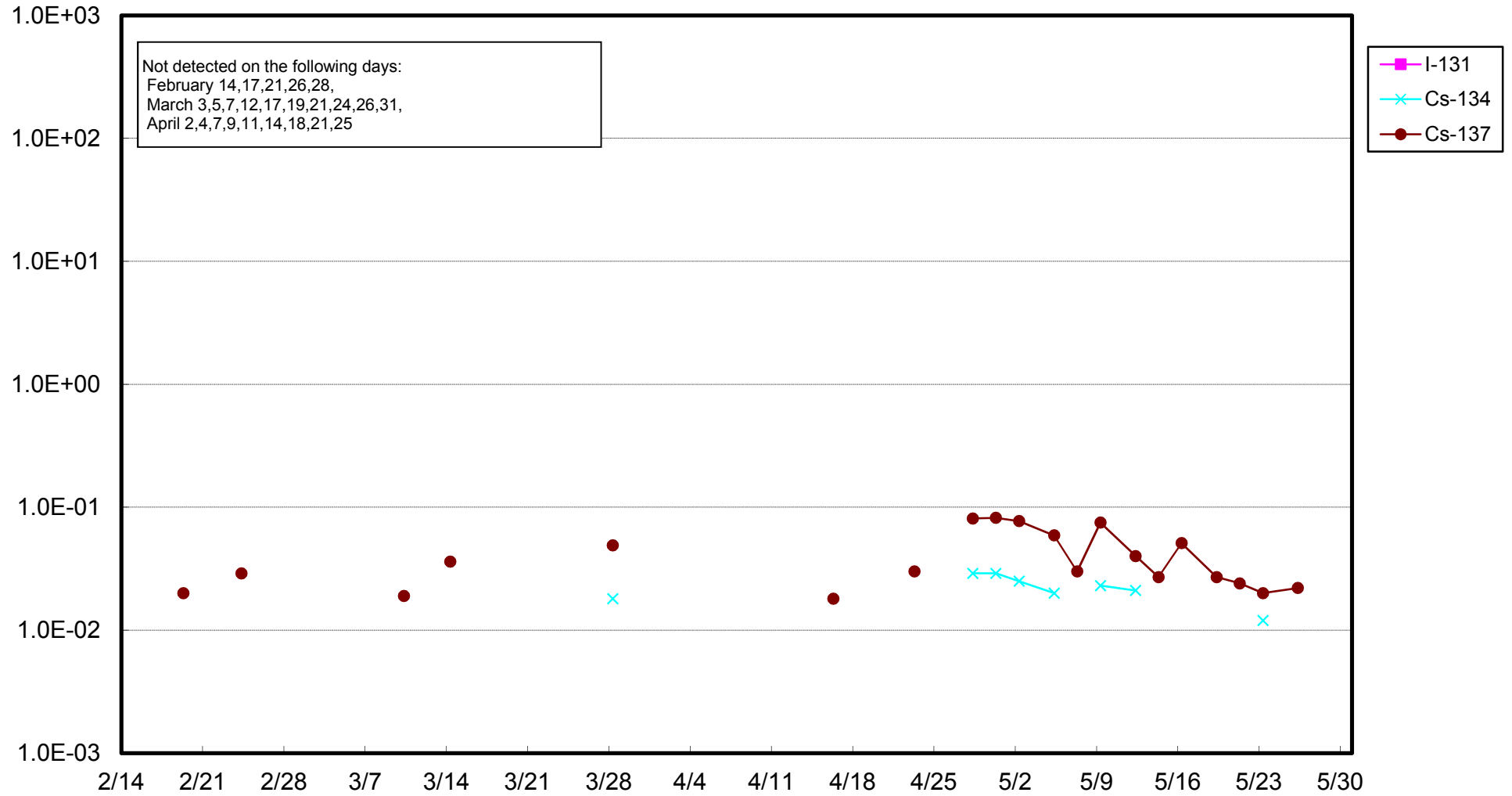
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 1 Sub-drain (Bq/cm³)



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)

