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

Reference

(Data summarized on March 7)

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	Mar 06, 2012 7:00〜12:00		Mar 06, 2012 9:33〜9:43				
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	ND	-	ND	-			2E-03
Cs-137 (about 30 years)	3.8E-07	0.00	ND	-			3E-03

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

O.OE－O means O.O x 10-O

Data of other nuclides are under examination.

Not sampled for 3 places out of 5 places due to bad weather

* In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

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

Detection limits at the West Gate of Fukushima Daiichi are as follows:
Volatile: I-131: approx. 1E-7Bq/cm3, Cs-134: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3, Cs-134: approx. 2E-7Bq/cm3, Cs-137: approx. 2E-7Bq/cm3
Detection limits at MP-1 of Fukushima Daini are as follows:
Volatile: I-131: approx. 2E-6Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 3E-6Bq/cm3 Particulate: I-131: approx. 9E-7Bq/cm3, Cs-134: approx. 2E-6Bq/cm3, Cs-137: approx. 2E-6Bq/cm3

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

Reference

(Data summarized on March 7)

Place of Sampling	Fukushima Daiichi MP-1		Fukushima Daiichi MP-3		Fukushima Daiichi MP-8		②Density limit by the announcement of Reactor Regulation （Bq/cm3） (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Time of Sampling	Mar 06, 2012 (Not sampled)		Mar 06, 2012 (Not sampled)		Mar 06, 2012 (Not sampled)		
Detected Nuclides (Half-life)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	①density of sample （Bq/cm3)	Scaling Factor (①/②)	
I-131 (about 8 days)	-	-	-	-	-	-	1E-03
Cs-134 (about 2 years)	-	-	-	-	-	-	2E-03
Cs-137 (about 30 years)	-	-	-	-	-	-	3E-03

* The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

O.OE－O means O.O x 10-O

Not sampled for 3 places out of 5 places due to bad weather

Result of the Pu analysis in the atmosphere at Fukushima Daiichi Nuclear Power Station

1. Sampling location: West gate, Fukushima Daiichi NPS
2. Institution conducting the analysis：Japan Chemical Analysis Center
3. Result of the analysis：

（Unit：Bq/cm^3）

Samples	Date of sampling	Pu-238	Pu-239+Pu-240
Volatile	February 20	N.D. [$<7.1 \times 10^{-10}$]	N.D. [$<6.7 \times 10^{-10}$]
Particulate		N.D. [$<9.5 \times 10^{-10}$]	N.D. [$<9.0 \times 10^{-10}$]

[ ]indicates the detection limit

4. Evaluation:

No Pu-238 and Pu-239+Pu-240 were detected from samples this time.

End

Result of the Sr analysis in the atmosphere at Fukushima Daiichi Nuclear Power Station

1. Sampling location: West gate, Fukushima Daiichi NPS
2. Institution conducting the analysis：Japan Chemical Analysis Center
3. Result of the analysis：

（Unit：Bq/cm^3）

Samples	Date of sampling	Sr-89	Sr-90
Volatile	February 13	N.D.	N.D.
Particulate		N.D.	N.D.

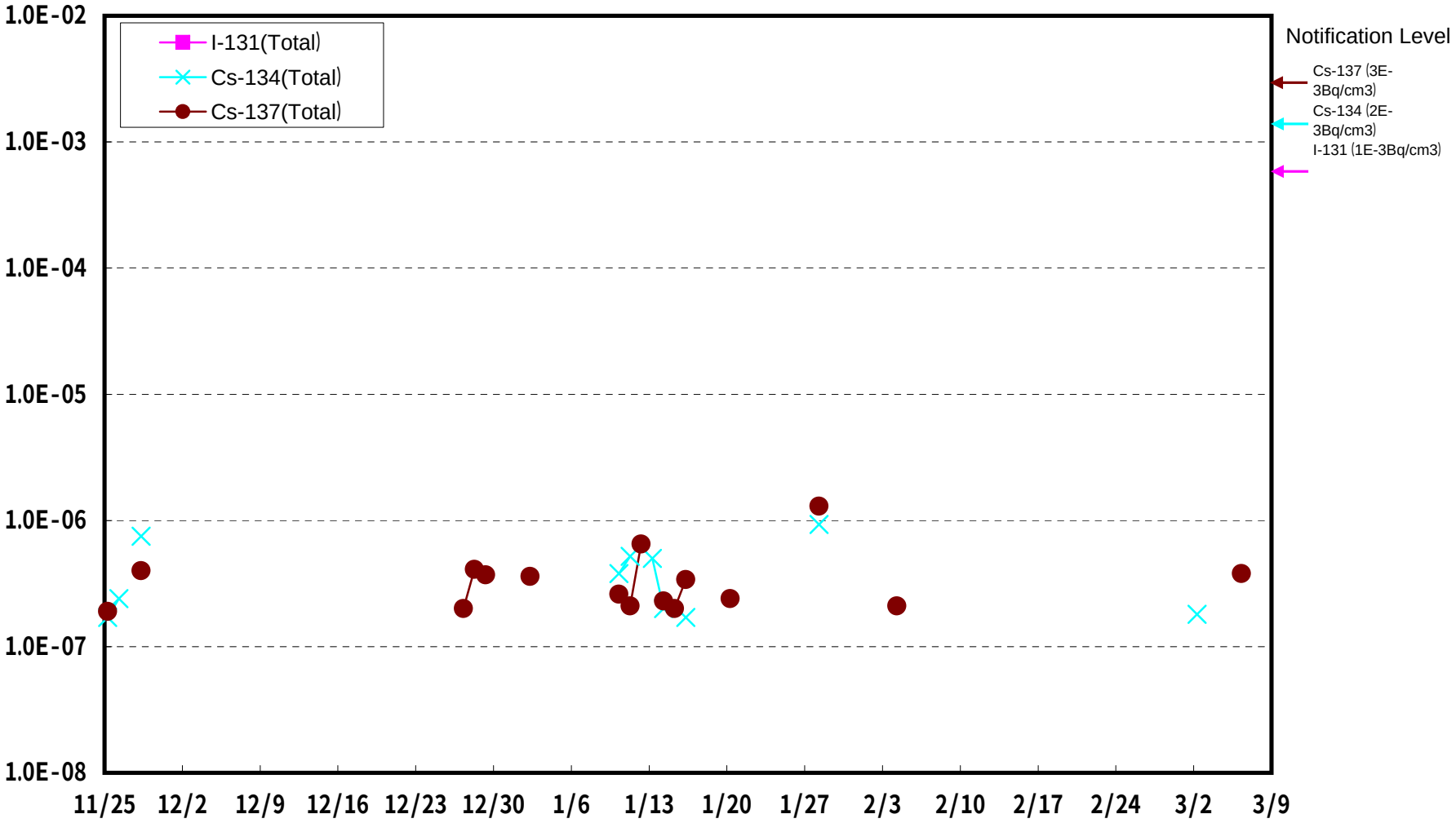
[ ]indicates the detection limit

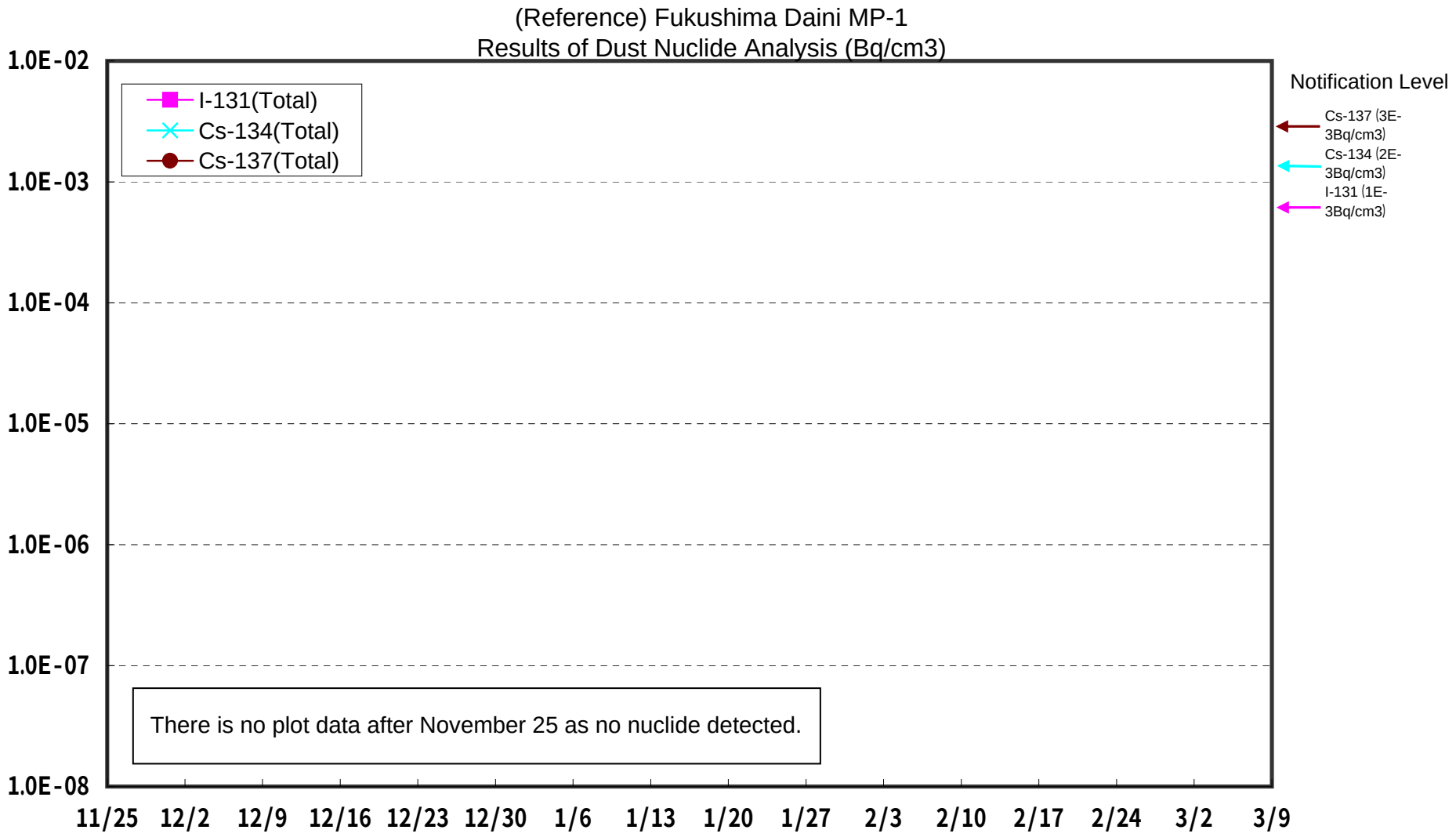
4. Evaluation:

No Sr-89 and Sr-90 were detected from samples this time.

End

West Gate of Fukushima Daiichi Nuclear Power Station
Results of Dust Nuclide Analysis (Bq/cm3)




(Reference) Fukushima Daini MP-1
Results of Dust Nuclide Analysis (Bq/cm3)
I-131(Total)
Cs-134(Total)
Cs-137(Total)
Notification Level
Cs-137 (3E-3Bq/cm3)
Cs-134 (2E-3Bq/cm3)
I-131 (1E-3Bq/cm3)
There is no plot data after November 25 as no nuclide detected.
1.0E-02
1.0E-03
1.0E-04
1.0E-05
1.0E-06
1.0E-07
1.0E-08
11/25
12/2
12/9
12/16
12/23
12/30
1/6
1/13
1/20
1/27
2/3
2/10
2/17
2/24
3/2
3/9