

Nuclide Analysis Results of Radioactive Materials in the Air at the Sites of Fukushima Nuclear Power Stations

Reference

(data aggregation : 3/26)

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)		/		Density limit by the announcement of Reactor Regulation (Bq/cm ³) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
	Time of Sampling	Mar 25, 2012 7:00 ~ 12:00	Mar 25, 2012 9:30 ~ 9:40	Time of Sampling	Mar 25, 2012 9:30 ~ 9:40	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 (about 8 days)	ND	-	ND	-	/	/	1E-03
Cs-134 (about 2 years)	ND	-	ND	-	/	/	2E-03
Cs-137 (about 30 years)	ND	-	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.

* 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.

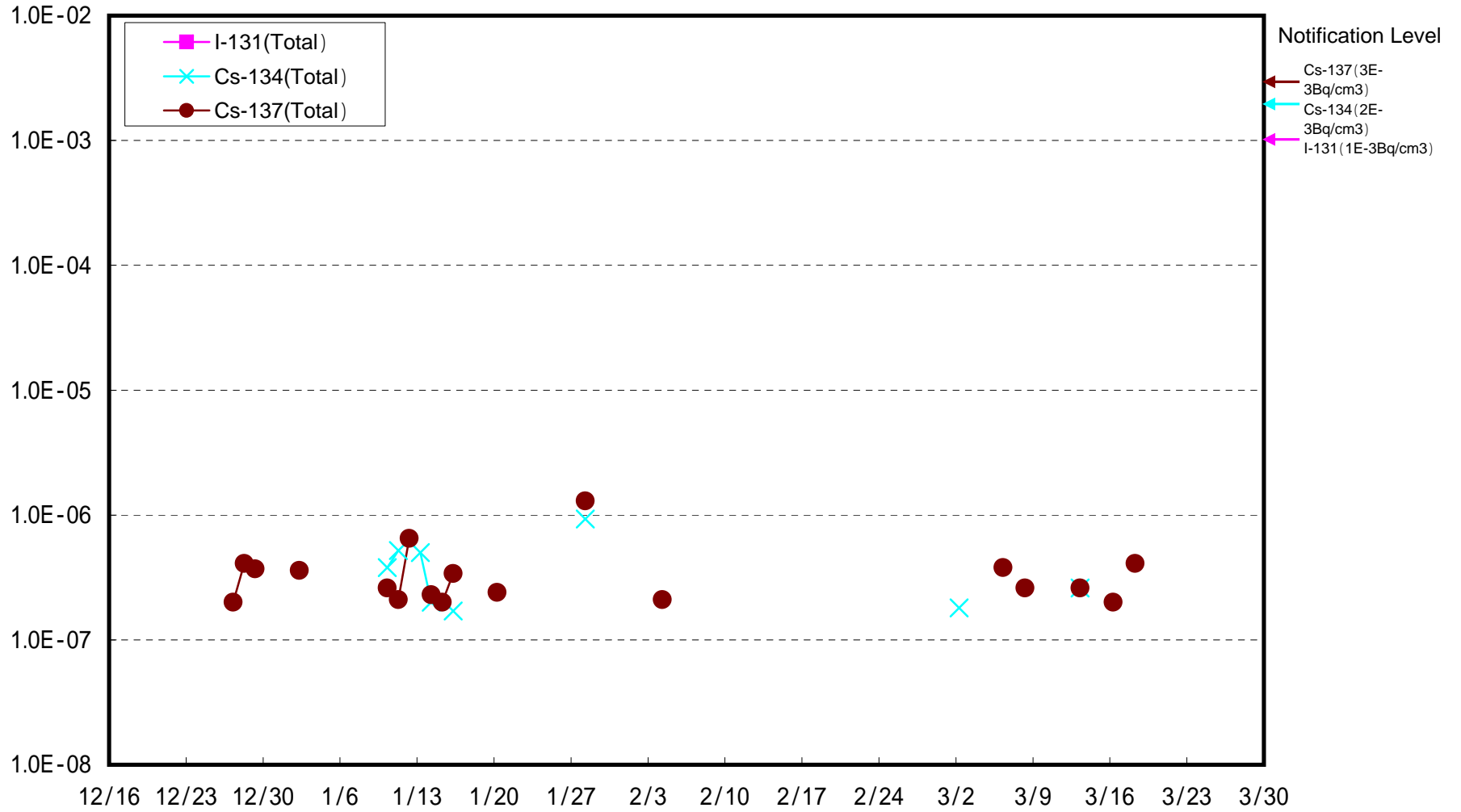
Detection limits at the West Gate of Fukushima Daiichi are as follows:

Volatile: I-131: approx. 1E-7Bq/cm³, Cs-134: approx. 3E-7Bq/cm³, Cs-137: approx. 4E-7Bq/cm³ Particulate: I-131: approx. 7E-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. 3E-6Bq/cm³, Cs-137: approx. 3E-6Bq/cm³ Particulate: I-131: approx. 6E-7Bq/cm³, Cs-134: approx. 2E-6Bq/cm³, Cs-137: approx. 2E-6Bq/cm³

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)

