Reference

(Data summarized on January 12)

Place of Sampling	West Gate of Fukushima Daiichi NPS		MP-1 of Fukushima Daini (Reference)				Density limit by the announcement of
Time of Sampling	11-Jan-12 7:00 ~ 12:00		11-Jan-12 9:46 ~ 9:56				Reactor Regulation (Bq/cm3) (Density limit in the air to which radiation workers breathe in the section
Detected Nuclides (Half-life)	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	density of sample (Bq/cm3)	Scaling Factor	4 of the appendix 2)
I-131 (about 8 days)	ND	-	ND	-			1E-03
Cs-134 (about 2 years)	5.2E-07	0.00	ND	-			2E-03
Cs-137 (about 30 years)	2.1E-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.

Detection limits of 3 nuclides on the West Gate of Fukushima Daiichi are as follows:

Volatile: I-131: approx. 1E-7Bq/cm3, Cs-137: approx. 3E-7Bq/cm3 Particulate: I-131: approx. 6E-8Bq/cm3

Detection limits of 3 nuclides on 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. 9E-7Bq/cm3, Cs-

134: approx. 1E-6Bg/cm3, Cs-137: approx. 1E-6Bg/cm3

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

^{* &}quot;ND" means the sampled data is below measurable limit.

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/cm³)

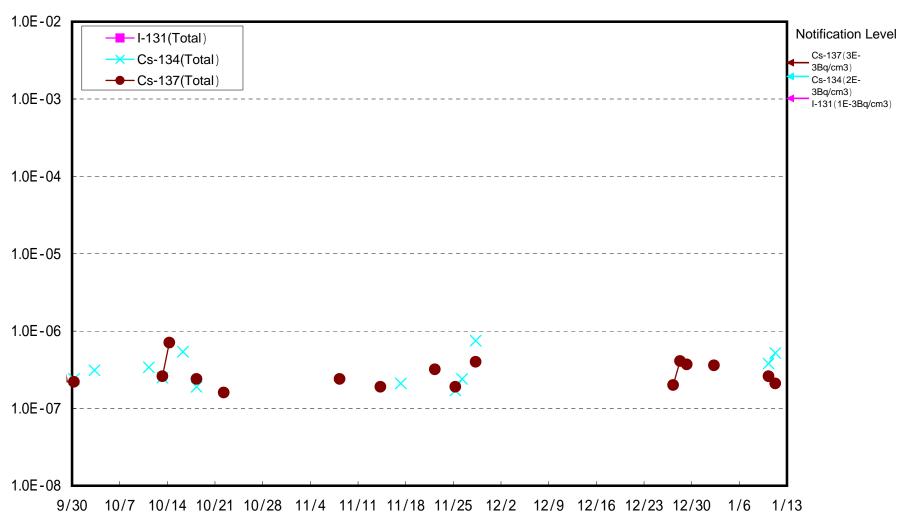
Samples	Date of sampling	Pu-238	Pu-239,Pu-240
Volatile	12/19	N.D. [<6.0×10 ⁻¹⁰]	N.D. [<6.0×10 ⁻¹⁰]
Particulate	12/19	N.D. [<6.1×10 ⁻¹⁰]	N.D. [<6.1×10 ⁻¹⁰]

]indicates the detection limit

4. Evaluation:

No Pu-238, Pu-239, Pu-240 was detected from samples this time.

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)

