

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

Reference

(Data summarized on May 16)

| 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 | May 15, 2012 2:30 PM ~ 7:30 PM | May 15, 2012 9:53 AM ~ 10:03 AM | | | | | |
| 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 (approx. 8 days) | ND | - | ND | - | / | / | 1E-03 |
| Cs-134 (approx. 2 years) | ND | - | ND | - | / | / | 2E-03 |
| Cs-137 (approx. 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. 3E-7Bq/cm³
approx. 2E-7Bq/cm³, Cs-137: approx. 2E-7Bq/cm³

Particulate: I-131: approx. 7E-8Bq/cm³, Cs-134:

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
134: approx. 2E-6Bq/cm³, Cs-137: approx. 1E-6Bq/cm³

Particulate: I-131: approx. 1E-6Bq/cm³, Cs-

Nuclide Analysis Results of Radioactive Materials in the Air
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Reference

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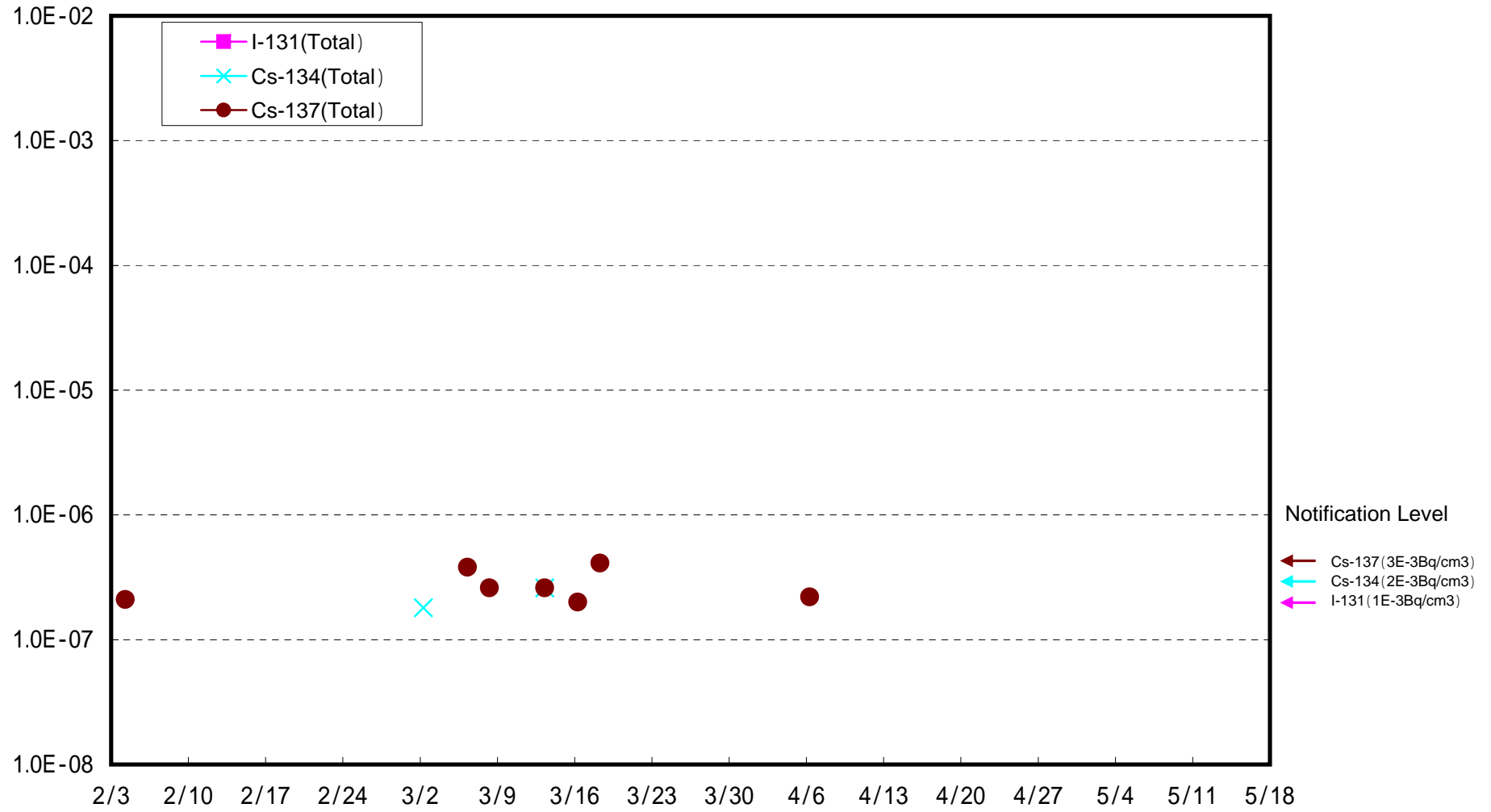
| Place of Sampling | Fukushima Daiichi MP-1 | | Fukushima Daiichi MP-3 | | Fukushima Daiichi MP-8 | | Density limit by the announcement of Reactor Regulation (Bq/cm ³) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2) |
|----------------------------------|--|----------------------|--|----------------------|--|----------------------|--|
| Time of Sampling | May 15, 2012 (Not sampled) | | May 15, 2012 (Not sampled) | | May 15, 2012 (Not sampled) | | |
| 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 (approx. 8 days) | - | - | - | - | - | - | 1E-03 |
| Cs-134 (approx. 2 years) | - | - | - | - | - | - | 2E-03 |
| Cs-137 (approx. 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

No sampling due to bad weather

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)

