

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

Reference

(Data summarized on September 2)

| Place of Sampling | West Gate of Fukushima Daiichi | | 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 | density of sample (Bq/cm ³) | Scaling Factor (/) | density of sample (Bq/cm ³) | | | |
| Time of Sampling | 2011/9/1 7:00 ~ 12:00 | | 2011/9/1 9:26 ~ 9:36 | | | | |
| 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) | 2.4E-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.

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

Volatile: I-131: approx. 1E-7Bq/cm³, Cs-134: approx. 4E-7Bq/cm³, Cs-137: approx. 4E-7Bq/cm³ Particulate: I-131: approx. 7E-8Bq/cm³, Cs-134: approx. 2E-7Bq/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. 4E-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 September 2)

| Place of Sampling | Fukushima Daiichi Unit 1 North Side Slope | | Fukushima Daiichi Unit 1 and Unit 2 West Side Slope | | Fukushima Daiichi Unit 3 and Unit 4 West Side Slope | | 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 | 2011 Sep 1 (Not sampled) | | 2011 Sep 1 (Not sampled) | | 2011 Sep 1 (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 (about 8 days) | - | - | - | - | - | - | |
| 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