

Nuclide Analysis Results of Radioactive Materials in the Air at Site of Power Station <1/2> Reference

(Data Summarized on August 9)

| 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) ² |
|-------------------------|--------------------------------|---|-------------------------------------|---------------------------|---|----------------------|---|
| | Date and time of sampling | Radioactivity density ^{1 3} (Bq/cm ³) | Scaling factor (/) | Date and time of sampling | Radioactivity density ^{1 3} (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 |

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

. E - means . x 10⁻

Data of other nuclides are under examination.

2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

3 In this analysis, "ND" means that the results fall below detection limits.

Detection limits of 3 nuclides are as follows;

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

Particle I-131: approx. 1E-6Bq/cm³, Cs-134: approx. 2E-6Bq/cm³, and Cs-137: approx. 2E-6Bq/cm³

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on detectors or samples.

<Reference>

From August 6, as the result of reduction of detection limit, the detection limits on the West Gate of Fukushima Daiichi are as follows

Volatile I-131: approx. 1E-7Bq/cm³, Cs-134: approx. 4E-7Bq/cm³, and Cs-137: approx. 4E-7Bq/cm³

Particle I-131: approx. 8E-8Bq/cm³, Cs-134: approx. 2E-7Bq/cm³, and Cs-137: approx. 2E-7Bq/cm³

Nuclide Analysis Results of Radioactive Materials in the Air at Site of Power Station <2/2>

Reference

(Data Summarized on August 9)

| Place of sampling | Mountain side of Unit 1 Fukushima Daiichi | | Mountain side of Unit 2 Fukushima Daiichi | | Mountain side of Unit 3 Fukushima Daiichi | | 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) 2 |
|---------------------------------|--|----------------------------|--|----------------------------|--|----------------------------|--|
| Date and time of sampling | Not conducted. | | Not conducted. | | 11:18-13:18 August 8, 2011 | | |
| Detected nuclide (half-life) | Radioactivity density 1 3 (Bq/cm ³) | Scaling factor (/) | Radioactivity density 1 3 (Bq/cm ³) | Scaling factor (/) | Radioactivity density 1 3 (Bq/cm ³) | Scaling factor (/) | |
| I-131 (about 8 days) | / | / | / | / | ND | - | 1E-03 |
| Cs-134 (about 2 years) | / | / | / | / | 4.2E-05 | 0.02 | 2E-03 |
| Cs-137 (about 30 years) | / | / | / | / | 4.9E-05 | 0.02 | 3E-03 |

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

. E - means . x 10⁻

Data of other nuclides are under examination.

2 In the case of more than 2 nuclides, summation of scaling factor for each statutory density is compared to 1.

3 In this analysis, "ND" means that the results fall below detection limits.

Detection limits of 3 nuclides are as follows;

Volatile I-131: approx. 5E-6Bq/cm³, Cs-134: approx. 1E-5Bq/cm³, and Cs-137: approx. 2E-5Bq/cm³

Particle I-131: approx. 3E-6Bq/cm³.

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on detectors or samples.