

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

Reference

(Data summarized on October 21)

| 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 | 2011/10/20 7:00 ~ 12:00 | | 2011/10/20 9:10 ~ 9:21 | | / | | |
| 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 of 3 nuclides on 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 Particulate: I-131: approx. 6E-8Bq/cm³, Cs-134: approx. 2E-7Bq/cm³, Cs-137: 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. 3E-6Bq/cm³, Cs-137: approx. 3E-6Bq/cm³ Particulate: I-131: approx. 1E-6Bq/cm³, Cs-134: approx. 1E-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 October 21)

| 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 | 2011/10/20 10:06 ~ 15:06 | | 2011/10/20 10:14 ~ 15:14 | | 2011/10/20 10:21 ~ 15:21 | | |
| 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 | - | ND | - | |
| Cs-134 (about 2 years) | ND | - | 2.9E-06 | 0.00 | ND | - | 2E-03 |
| Cs-137 (about 30 years) | ND | - | 5.0E-06 | 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. The followings show the detection limits. Volatile: I-131: approx. 2E-6Bq/cm³, Cs-134: approx. 5E-6Bq/cm³, Cs-137: approx. 5E-6Bq/cm³ Particulate: I-131: approx. 1E-6Bq/cm³, Cs-134: approx. 3E-6Bq/cm³, Cs-137: approx. 3E-6Bq/cm³

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

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

Reference

(Data summarized on October 21)

| Place of Sampling | Fukushima Daiichi Upper of South Breakwater | | Fukushima Daiichi Upper of Megafloat | | | | 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 | 2011/10/19 19:00 ~ 24:00 | 2011/10/19 19:00 ~ 24:00 | 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. The followings show the detection limits. Volatile: I-131: approx. 2E-7Bq/cm³, Cs-134: approx. 4E-7Bq/cm³, Cs-137: approx. 5E-7Bq/cm³ Particulate: I-131: approx. 1E-7Bq/cm³, Cs-134: approx. 3E-7Bq/cm³, Cs-137: approx. 3E-7Bq/cm³

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