

Nuclides Analysis Result of the Radioactive Materials in the Air at Fukushima Nuclear Power Stations

(Data summarized on July 22)

| Place of Sampling | The West Gate of Fukushima Daiichi NPS | | | | | | ② Density Limit Specified by the Reactor Regulation (Bq/cm ³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2) |
|-------------------------------|--|----------------------|--|----------------------|--|----------------------|--|
| | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | |
| Time of Sampling | July 21, 2014 7:00 AM - 12:00 PM | | | | | | |
| Detected Nuclides (Half-life) | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | ①Density of Sample (Bq/cm ³) | Scaling Factor (①/②) | |
| I-131 (Approx. 8 days) | ND | - | | | | | 1E-03 |
| Cs-134 (Approx. 2 years) | ND | - | | | | | 2E-03 |
| Cs-137 (Approx. 30 years) | ND | - | | | | | 3E-03 |

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

0.0E-0 is the same as 0.0×10^{-0}

Data of other nuclides is under examination.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.

The detection limits at the west gate of Fukushima Daiichi NPS are as follows: Volatile: I-131: Approx. $1E-7$ Bq/cm³, Cs-134: Approx. $1E-7$ Bq/cm³, Cs-137: Approx. $1E-7$ Bq/cm³ Particulate: I-131: Approx. $6E-8$ Bq/cm³, Cs-134: Approx. $8E-8$ Bq/cm³, Cs-137: Approx. $7E-8$ Bq/cm³ As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

Dust Nuclides Analysis Result: The West Gate of Fukushima Daiichi Nuclear Power Station (Bq/cm³)

