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

(Data summarized on August 7)

<table>
<thead>
<tr>
<th>Place of Sampling</th>
<th>The West Gate of Fukushima Daiichi NPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of Sampling</td>
<td>August 6, 2013 7:00 AM - 12:00 PM</td>
</tr>
</tbody>
</table>

#### Detected Nuclides (Half-life)

<table>
<thead>
<tr>
<th></th>
<th>Density of Sample (Bq/cm³)</th>
<th>Scaling Factor (①/②)</th>
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<th>Scaling Factor (①/②)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-131 (Approx. 8 days)</td>
<td>ND</td>
<td>-</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cs-134 (Approx. 2 years)</td>
<td>ND</td>
<td>-</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cs-137 (Approx. 30 years)</td>
<td>ND</td>
<td>-</td>
<td></td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Density Limit Specified by the Reactor Regulation (Bq/cm³)

- Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2.

#### Reference

O.OE - O is the same as O.O x 10⁻O.

Data of other nuclides is under examination.

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

* 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. 9E-8Bq/cm³, Cs-134: Approx.2E-7Bq/cm³, Cs-137: Approx.3E-7Bq/cm³
- Particulate: I-131: Approx. 5E-8Bq/cm³, Cs-134: Approx.1E-7Bq/cm³, Cs-137: Approx.1E-7Bq/cm³
### Nuclide Analysis Results of the Radioactive Materials in the Air at Fukushima Nuclear Power Stations < 2/2 >

(Data summarized on August 7)

<table>
<thead>
<tr>
<th>Place of Sampling</th>
<th>MP-1 at Fukushima Daiichi NPS</th>
<th>MP-3 at Fukushima Daiichi NPS</th>
<th>MP-8 at Fukushima Daiichi NPS</th>
<th>② Density Limit Specified by the Reactor Regulation (Bq/cm³) (Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of Sampling</td>
<td>August 6, 2013 8:10 AM - 1:10 PM</td>
<td>August 6, 2013 8:53 AM - 1:53 PM</td>
<td>August 6, 2013 8:27 AM - 1:27 PM</td>
<td></td>
</tr>
<tr>
<td>Detected Nuclides (Half-life)</td>
<td>①Density of Sample (Bq/cm³)</td>
<td>Scaling Factor (①/②)</td>
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<td>Scaling Factor (①/②)</td>
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<td>I-131 (Approx. 8 days)</td>
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</tr>
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<td>Cs-134 (Approx. 2 years)</td>
<td>ND</td>
<td>-</td>
<td>ND</td>
<td>-</td>
</tr>
<tr>
<td>Cs-137 (Approx. 30 years)</td>
<td>ND</td>
<td>-</td>
<td>ND</td>
<td>-</td>
</tr>
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* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.

O.OE – O is the same as O.O x 10^-O

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.

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The detection limits are as follows. Volatile: I-131: Approx. 9E-8Bq/cm³, Cs-134: Approx.2E-7Bq/cm³, Cs-137: Approx.3E-7Bq/cm³ Particulate: I-131: Approx. 6E-8Bq/cm³, Cs-134: Approx.1E-7Bq/cm³, Cs-137: Approx.1E-7Bq/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/cm$^3$)

- **I-131 (Total):** $1E-03$ Bq/cm$^3$
- **Cs-134 (Total):** $2E-3$ Bq/cm$^3$
- **Cs-137 (Total):** $3E-3$ Bq/cm$^3$

There is no plot data after April 26 as no nuclide detected.
Dust Nuclides Analysis Result: MP-1 at Fukushima Daiichi NPS (Bq/cm³)

There is no plot data after April 30 as no nuclide detected.

- **I-131** (Total) - 1E-03 Bq/cm³
- **Cs-134** (Total) - 2E-3 Bq/cm³
- **Cs-137** (Total) - 3E-3 Bq/cm³
Dust Nuclides Analysis Result: MP-3 at Fukushima Daiichi NPS (Bq/cm³)

There is no plot data after April 30 as no nuclide detected.

- I-131 (Total) (1E-3 Bq/cm³)
- Cs-134 (Total) (2E-3 Bq/cm³)
- Cs-137 (Total) (3E-3 Bq/cm³)

Notification Level
- Cs-137 (3E-3 Bq/cm³)
- Cs-134 (2E-3 Bq/cm³)
- I-131 (1E-3 Bq/cm³)
Dust Nuclides Analysis Result: MP-8 at Fukushima Daiichi NPS (Bq/cm³)

There is no plot data after April 30 as no nuclide detected.

- **I-131 (Total)**
  - 1E-3 Bq/cm³

- **Cs-134 (Total)**
  - 2E-3 Bq/cm³

- **Cs-137 (Total)**
  - 3E-3 Bq/cm³

Notification Level