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

(Data summarized on August 14)

<table>
<thead>
<tr>
<th>Place of Sampling</th>
<th>The West Gate of Fukushima Daiichi NPS</th>
<th>Time of Sampling</th>
<th>Detected Nuclides (Half-life)</th>
<th>Scaling Factor ( \frac{1}{2} )</th>
<th>Density Limit Specified by the Reactor Regulation (Bq/cm(^3))</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>August 13, 2013 7:00 AM - 12:00 PM</td>
<td>I-131 (Approx. 8 days)</td>
<td>ND</td>
<td>1E-03</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cs-134 (Approx. 2 years)</td>
<td>ND</td>
<td>2E-03</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Cs-137 (Approx. 30 years)</td>
<td>ND</td>
<td>3E-03</td>
</tr>
</tbody>
</table>

* 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.

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

(Data summarized on August 14)

<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)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of Sampling</td>
<td>August 13, 2013 7:59 AM - 12:59 PM</td>
<td>August 13, 2013 8:45 AM - 1:45 PM</td>
<td>August 13, 2013 8:13 AM - 1:13 PM</td>
<td>(Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)</td>
</tr>
<tr>
<td>Detected Nuclides (Half-life)</td>
<td>①Density of Sample (Bq/cm³) Scaling Factor (①/②)</td>
<td>①Density of Sample (Bq/cm³) Scaling Factor (①/②)</td>
<td>①Density of Sample (Bq/cm³) Scaling Factor (①/②)</td>
<td></td>
</tr>
<tr>
<td>I-131 (Approx. 8 days)</td>
<td>ND - ND - ND - 1E-03</td>
<td>ND - ND - ND - 2E-03</td>
<td>ND - ND - ND - 3E-03</td>
<td>1E-03</td>
</tr>
<tr>
<td>Cs-134 (Approx. 2 years)</td>
<td>ND - ND - ND - 1E-03</td>
<td>ND - ND - ND - 2E-03</td>
<td>ND - ND - ND - 3E-03</td>
<td>2E-03</td>
</tr>
<tr>
<td>Cs-137 (Approx. 30 years)</td>
<td>ND - ND - ND - 1E-03</td>
<td>ND - ND - ND - 2E-03</td>
<td>ND - ND - ND - 3E-03</td>
<td>3E-03</td>
</tr>
</tbody>
</table>

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

O.0E−O is the same as O.0 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.

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

The detection limits are as follows. Volatile: I-131: Approx. 1E-7Bq/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

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)

- **I-131 (Total)**
- **Cs-134 (Total)**
- **Cs-137 (Total)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Cs-137 (Bq/cm³)</th>
<th>Cs-134 (Bq/cm³)</th>
<th>I-131 (Bq/cm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/3</td>
<td>2E-3</td>
<td>-</td>
<td>-</td>
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<tr>
<td>5/10</td>
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<td>5/24</td>
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<td>5/31</td>
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<td>8/16</td>
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</tr>
</tbody>
</table>

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-1 at Fukushima Daiichi NPS (Bq/cm³)

- I-131 (Total): 1E-03 Bq/cm³
- Cs-134 (Total): 2E-03 Bq/cm³
- Cs-137 (Total): 3E-03 Bq/cm³

There is no plot data after May 7 as no nuclide detected.

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-3 at Fukushima Daiichi NPS (Bq/cm³)

There is no plot data after May 7 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
Dust Nuclides Analysis Result: MP-8 at Fukushima Daiichi NPS (Bq/cm³)

There is no plot data after May 7 as no nuclide detected.

- I-131 (Total)
- Cs-134 (Total)
- Cs-137 (Total)

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