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

(Data summarized on August 11)

<table>
<thead>
<tr>
<th>Place of Sampling</th>
<th>Time of Sampling</th>
<th>Detected Nuclides (Half-life)</th>
<th>Density of Sample (Bq/cm³)</th>
<th>Scaling Factor (①/②)</th>
<th>Detection Factor (①/②)</th>
<th>Density Limit Specified by the Reactor Regulation (Bq/cm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The West Gate of Fukushima Daiichi NPS</td>
<td>August 10, 2013 7:00 AM - 12:00 PM</td>
<td>I-131 (Approx. 8 days)</td>
<td>ND</td>
<td>-</td>
<td>1E-03</td>
<td>(Density limit in the air which radiation workers breathe in is specified in section 4 of Appendix 2)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cs-134 (Approx. 2 years)</td>
<td>ND</td>
<td>-</td>
<td>2E-03</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cs-137 (Approx. 30 years)</td>
<td>ND</td>
<td>-</td>
<td>3E-03</td>
<td></td>
</tr>
</tbody>
</table>

* The radioactivity density is the sum of the volatile nuclides density and the particulate nuclides density.
* O.0E−0 is the same as O.0 x 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. 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
Dust Nuclides Analysis Result: The West Gate of Fukushima Daiichi Nuclear Power Station (Bq/cm³)

- 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)