“Development of a technology to investigate inside the Reactor Primary Containment Vessel (PCV)”

- Site test “Investigation B1” on grating around the pedestal inside Unit 1 PCV -

[Prompt report for April 15, 2015]

April 16, 2015
Tokyo Electric Power Company

<Reference>
1. Investigation scope

Purpose: For Unit 1, conduct an investigation in order to collect information on “the 1st floor grating inside the Primary Containment Vessel (PCV)” from the robot inserted through X-100B penetration pipe.

Access points (Planned)

- **B0, ~ B18,** Counterclockwise route
- **C0, ~ C11,** Clockwise route

Clockwise access route (Start, April 15)

Counterclockwise access route (Done, April 10)

Opening to access Basement floor
2-1. Images obtained along the clockwise route (HVH* (D))

No significant damages were found on HVH (D).

* : Heating Ventilating Handling Unit.
2-2. Images obtained along the clockwise route (HVH (E))

C6: No significant damages were found on HVH (E).

Inlet

HVH base

HVH (E)
2-1. Images obtained along the clockwise route (PLR pipe)
3. Investigation results on the clockwise route for April 15 (Temperature/ Dose rate)

Temperature and dose rate were measured at the following points.

<table>
<thead>
<tr>
<th></th>
<th>Dose rate (Sv/h)</th>
<th>Temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C2</td>
<td>6.7</td>
<td>19.6</td>
</tr>
<tr>
<td>C5</td>
<td>8.3</td>
<td>19.5</td>
</tr>
<tr>
<td>C6</td>
<td>7.7</td>
<td>19.4</td>
</tr>
</tbody>
</table>

: Route and points investigated on April 15, 2015

: Route and points to be investigated on and after April 16, 2015