Investigation of Unit 1 Torus Room at Fukushima Daiichi Nuclear Power Station (Day 2)

February 22, 2013
Tokyo Electric Power Company
1. Investigation Method (Sampling of Accumulated Water and Sediments)

Samples of accumulated water and sediments were obtained by inserting a hose for sampling accumulated water and a sampler for collecting sediments from a hole of a diameter of 200mm.

Investigation items

- Accumulated water sampling
- Sediments sampling

Investigation

Northwest area of the first floor

Shield container

Water sampler

Dry well

Vent pipe

S/C

Down comer

CCD camera

Sediments collector

Openings for water sampling

Number of workers involved: 20
Time: 9:55 AM to 12:30 PM
Exposure dose: 1.46mSv (Max.)
## 2. Sampling (Accumulated Water)

<table>
<thead>
<tr>
<th>Location</th>
<th>Sampled amount</th>
<th>Dose on the surface of the sampling container</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. 1m above the water surface</td>
<td>Approx. 250cc</td>
<td>Approx. 0.7mSv</td>
</tr>
<tr>
<td>Approx. 1m above the bottom</td>
<td>Approx. 250cc</td>
<td>Approx. 0.4mSv</td>
</tr>
</tbody>
</table>

< Sampling being performed >

Photo taken on February 22, 2013 by TEPCO
3. Sampling (Sediments)

<table>
<thead>
<tr>
<th>Sampled amount</th>
<th>Approx. 10cc (including water)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose on the surface of the sampling container</td>
<td>Approx. 4mSv/h</td>
</tr>
</tbody>
</table>

Photo taken on February 22, 2013 by TEPCO