Water Leak from the Flange Part of the G6 South Area Tank (Steel Cylindrical Tank)

- **Time when the incident was found: At around 8:50 AM on November 15, 2013**
- **Person who found the incident：An associated company worker**
- **Location where the leakage was found: The second joint part (flange part) from the bottom of the G6-C3 steel cylindrical tank in the G6-south area**
- **Chronological Order**

November 14

- **At around 6:00 PM: No abnormality was found on this tank as a result of visual inspection**

November 15

- **At around 8:50 AM: An associated company worker found water was leaking from the side plate flange of the G6-C3 tank.**

- **At around 9:20 AM: TEPCO employee arrived the site and found water was leaking from the vertical flange of the side plate (approx. 3m from the floor).**

- **At around 10:00 AM: Survey, water level measurement and water sampling were performed at the location where the leakage was found.**

- **At around 11:30 AM: Leakage was stopped after bolts were tightened. A receiving pan was installed at the bottom part of the leakage location just in case. No abnormality was found on this flange part after tightening of the bolts.**

Status of the Site

Location where the leakage was found

Dropped water

Installation of receiving pan

- Dose measurement result at the horizontal flange part where dropped water accumulated:
  35mSv/h ($\gamma + \beta$ (70μm dose equivalent rate)) (5cm distant)
  0.03mSv/h (γ ray) (5cm distant)
- Water level measurement result
  G6-C3: 52cm from the top plate
  G6-C2: 52cm from the top plate
- Sampling result
  Water inside the tank: Under analysis
  Water inside the dike: All β : 5.2 x 10^{3}Bq/L, Cs134: ND (13Bq/L), Cs137: ND (18Bq/L)

■Future response (tentative)
- Leakage location will be checked by the regular patrol (4 times a day).
- Since water was remained inside the dike (depth: 11cm) due to the typhoon, the water has been transferred to an empty tank in the G3 area since 3:59 PM (the transfer will be completed in 1 or 2 days).

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Location where the incident was found

Tank where the leakage was found

G6-C6 G6-C4 G6-D8 G6-D6 G6-D7

G6-C7 G6-C3 G6-D1 G6-D2 G6-D3 G6-D4 G6-D5

G6-C8 G6-C2 G6-C1