

# Water Leakage from the Flange of G6 Area Tank (Cylindrical Steel Tank)

<Reference>

June 5, 2013

Tokyo Electric Power Company

- Date and Time:  
Around 12:15 PM on June 5, 2013
  - The first person to find:  
A cooperative company worker
  - Leakage location:  
The joint between the second and third layer (counting from the bottom) of the G6-1 area No.9 cylindrical steel tank side wall  
Dose measurement results:  
 $\gamma$  = Approx. 0.06mSv/h  
 $\beta$  = Approx. 12mSv/h
  - Leakage amount: One drop per 3-4 seconds
  - Cause of the incident: Under investigation
  - Leakage situation:  
Water was found to be seeped from the flange of upper part of the second layer at G6-1 No.9 tank, and dropped from the side of the tank.
- ⇒ An absorber was put around the side and the bottom of the tank, and leaked water was absorbed.
- ⇒ The leakage was not stopped although the joint was tightened so the communication valve, which is connected to the adjoining tank, was opened to lower the water level of the tank.



# Water Leakage from the Flange of G6 Area Tank (Cylindrical Steel Tank)

---

## ■ Chronological order

- 12:15 PM The leakage was found
- 12:20 PM The tank has been isolated (communication valve was “fully closed”)
- 12:45 PM Water transfer from the underground reservoir No.6 to G6 area tank was suspended
- 12:50 PM The incident was reported
- 3:00 PM – 3:45 PM The joint of the flange was tightened
- 4:20 PM – 4:22 PM Communication valve was opened
- 4:35 PM The leakage was stopped

# Leakage Location

