Results of Tank Patrol at Fukushima Daiichi Nuclear Power Station

Location where high radiation level was detected at II-Tank No.6 on August 31

Location where high radiation level was detected at 2 points on August 31 and 3 points on September 1

Location where high radiation level was detected at the connecting pipe of Tank No.5 and No.6 on August 31

Water treatment facility

Adsorption tower storage facility

<Reference>
September 2, 2013
Tokyo Electric Power Company
Results of Patrol

- H4-II-Tank No.6 where high radiation level (approx. 70mSv/h (70 μm dose equivalent rate) from 5cm high) was detected on August 31 during the patrol → Radiation level was below 10mSv/h from 50cm high on September 1, and no location with high radiation level was found.
- One location (point (2)-2) with high radiation level was additionally found at H3-B-Tank No.4 on September 1 → Approx. 60mSv/h from 50cm high, approx. 1700mSv/h from 5cm high.
Detection of Leakage at H5 Tank Area

- Date of detection: August 31, 2013
- Location: Connecting pipe section between Tank No.5 and Tank No.6 in Group IV in the H5 area
- Situation: Discolored part was found above the floor surface under the outside flange of the entrance/exit valve of Tank No.5 in Group IV in the H5 area, and water was dripping one drop per approx. 90 seconds (dripping was found at around 11:10 PM on August 31).
- Countermeasures: After the bolts had been tightened up, the flange part was observed for 30 minutes, and we determined that no water leakage was occurring (at 2:20 PM on September 1). A drain receiving pan was installed under this valve, and monitoring will be continued for approx. 3 days. After that, we will reconfirm whether water leakage is occurring or not and will restore the heat retention function.

Photos taken by TEPCO on August 31, 2013