Results of Internal Inspection of Storage Tanks for Water treated with Multi-nuclide Removal Equipment

February 6, 2020

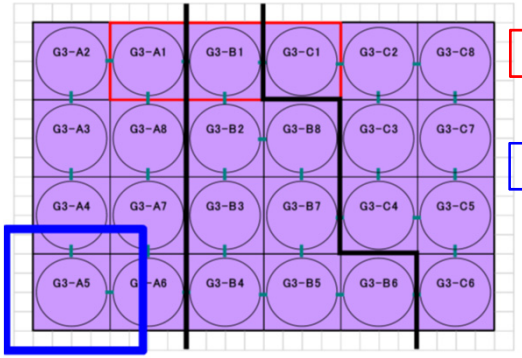
TEPCO

Tokyo Electric Power Company Holdings, Inc.

Results of Internal Inspection of Storage Tanks for Water treated with Multi-nuclide Removal Equipment at the Fukushima Daiichi NPS

- The internal inspection of welded tanks in which Strontium-treated (hereinafter referred as, “Sr-treated”) water is being stored and welded tanks for storing water treated with multi-nuclide removal equipment (hereinafter referred as, “ALPS-treated water”) is being conducted because hydrogen sulfide was detected in welded tanks (G3-E1) in October, 2018. <Announced on April 25, 2019>
- This internal inspection of ALPS-treated water storage tanks (previously used to store RO concentrated brine and Sr-treated water), which was conducted using a submersible ROV (remotely operated vehicle), revealed that the bottom of the tanks cannot be seen due to accumulated sludge.
  <Announced on October 31, 2019>
- The internal inspection of welded tanks in which ALPS-treated water is being stored ※1 started on February 5 (using an ROV) and revealed that sludge has accumulated at the bottom of the A5 tank ※2 in the G3-East area on the same day.
- Going forward, we will conduct more investigations to check for hydrogen sulfide and examine the impact on tank integrity.
- Inspection results will be announced in the future.

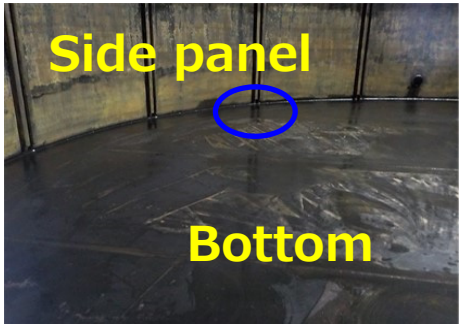
※1 Tanks that have never been used to store RO concentrated brine or Sr-treated water.
※2 Filled with water treated with existing ALPS in FY2013.



: Tanks for receipt and transfer

: Tank in which accumulated sludge was found (G3-A5 tank)

Tank layout for G3-East area (24 tanks in total))



【Reference】 Photo from inside a tank of the same type (after being drained)

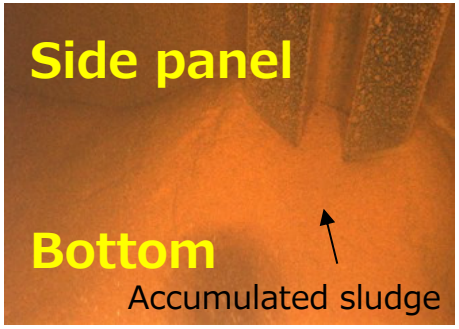


Photo from inside the G3-A5 tank