

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

<Reference Document>

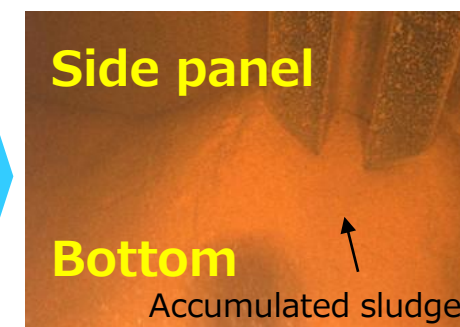
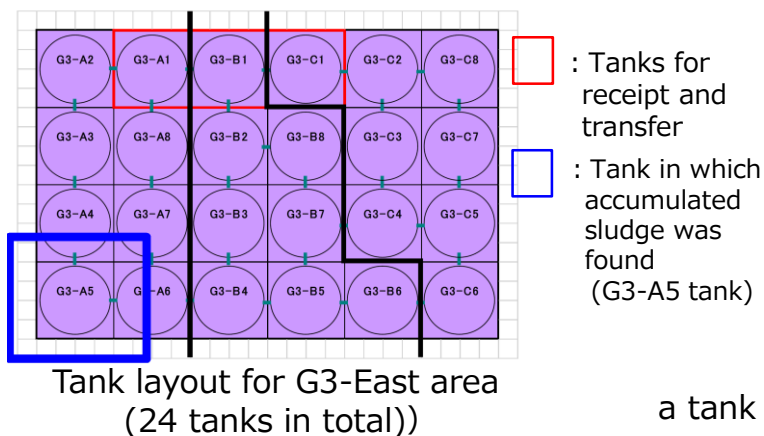
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Fukushima Daiichi D & D Engineering Company

- 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.



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

Photo from inside the G3-A5 tank