

## Site Investigation Result of the Accumulated Water Found at Unit 3 Radiation Waste Underground Storage Facility Building At Fukushima Daiichi Nuclear Power Station (May 28-29)

### Result

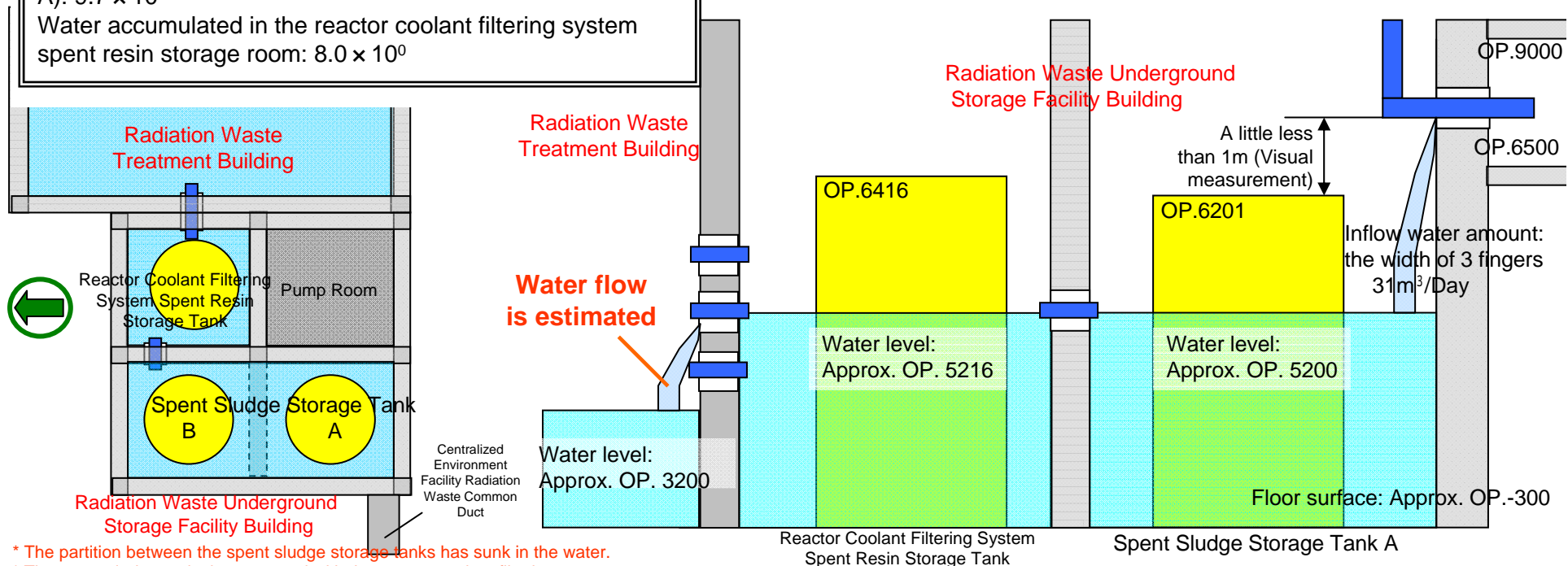
- Water level: No change (See the photo on the right)
  - Inflow water amount: No change (See the photo on the next slide)
  - Found water accumulated in the reactor coolant filtering system resin storage tank. (See the photo on the next slide)
  - The location where pipes penetrate through the wall between the radiation waste underground storage facility building and the radiation waste treatment building was under the water. (See the photo on the next slide)
  - Sampling result (Total nuclides, Unit: Bq/cm<sup>3</sup>)
- Water flow into the spent sludge tank room:  $4.5 \times 10^{-1}$   
 Water accumulated in the spent sludge tank room (near tank A):  $9.7 \times 10^0$   
 Water accumulated in the reactor coolant filtering system spent resin storage room:  $8.0 \times 10^0$



Water Level (May 24)



Water Level (May 28)



\* The partition between the spent sludge storage tanks has sunk in the water.  
 \* The spent sludge tanks is connected with the reactor coolant filtering system and the pump room through the floor funnel (drain).

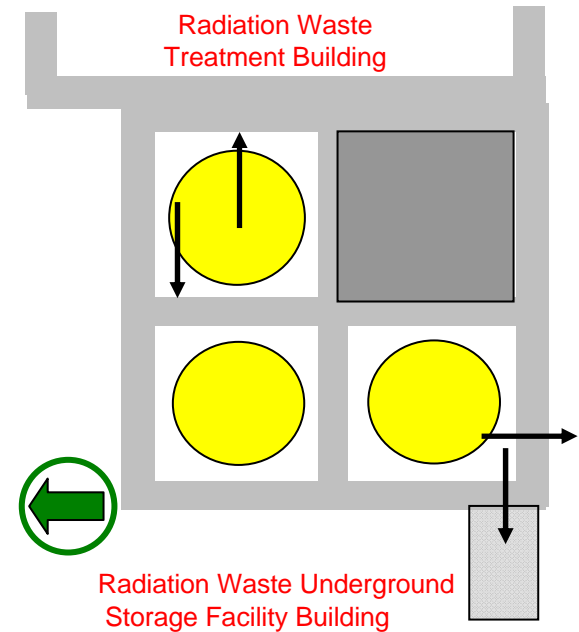
\* Reactor coolant filtering system spent resin storage tank is connected with waste sludge storage tank B side.



Location where water flow was confirmed on the Centralized Environment Facility Radiation Waste Common Duct (Water amount: Width of 3 fingers, No change)



The location near where the water flow was confirmed



Location where the pipes penetrate through the wall between the reactor coolant filtering system spent resin storage tank room and the spent sludge storage tank room (under the water)



Location where the pipes penetrate through the wall between the radiation waste underground storage facility building and the radiation waste treatment building (under the water)



Water exuded on the location where the pipe penetrates through the south wall of the spent sludge tank A

Photos taken on May 28, 2012 by Tokyo Electric Power Company