

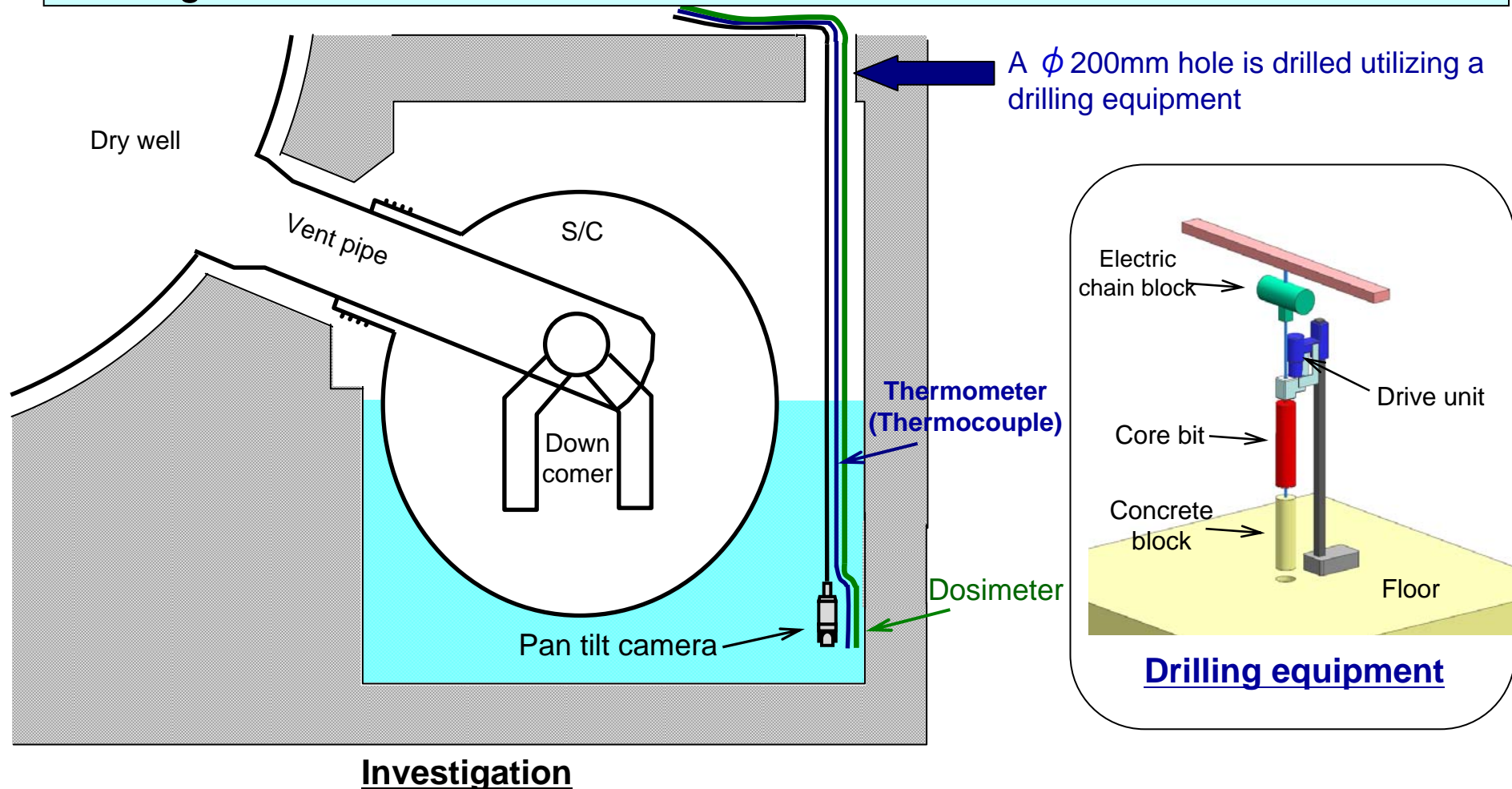
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# Hole Drilling for the Investigation of Unit 2 Torus Room at Fukushima Daiichi Nuclear Power Station

March 26, 2013  
Tokyo Electric Power Company

# 1. Investigation Method

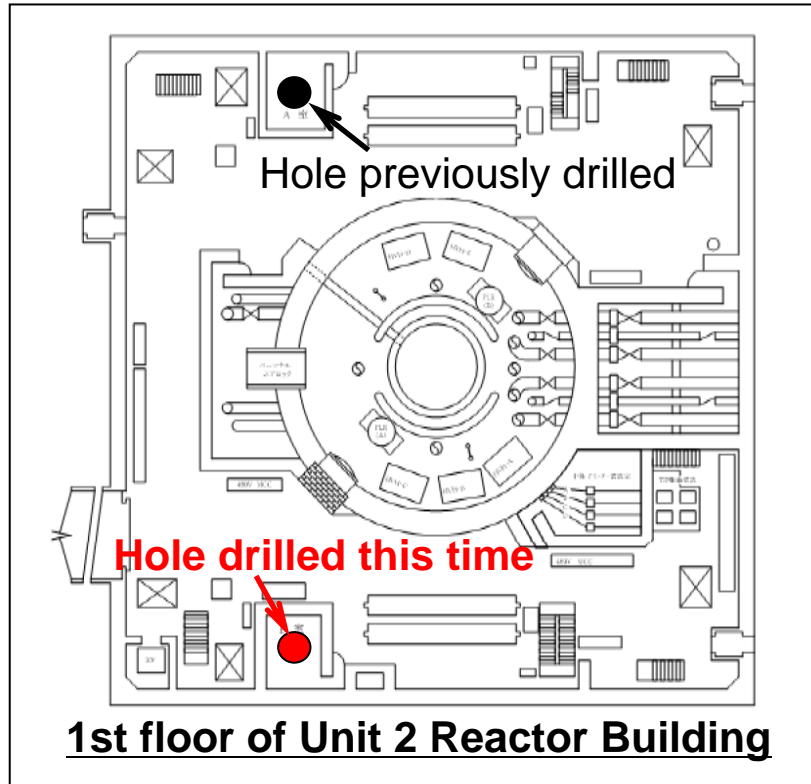
A hole is drilled on the floor on the first floor of the Reactor Building utilizing a drilling equipment to insert a thermometer, a dosimeter and a camera for investigation.



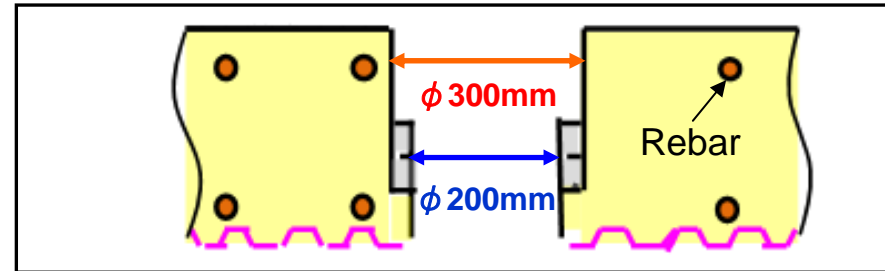
## 2. Condition of the Drilled hole

2

[Hole location]



[Floor (cross-section)]



[Photo of the drilled hole]

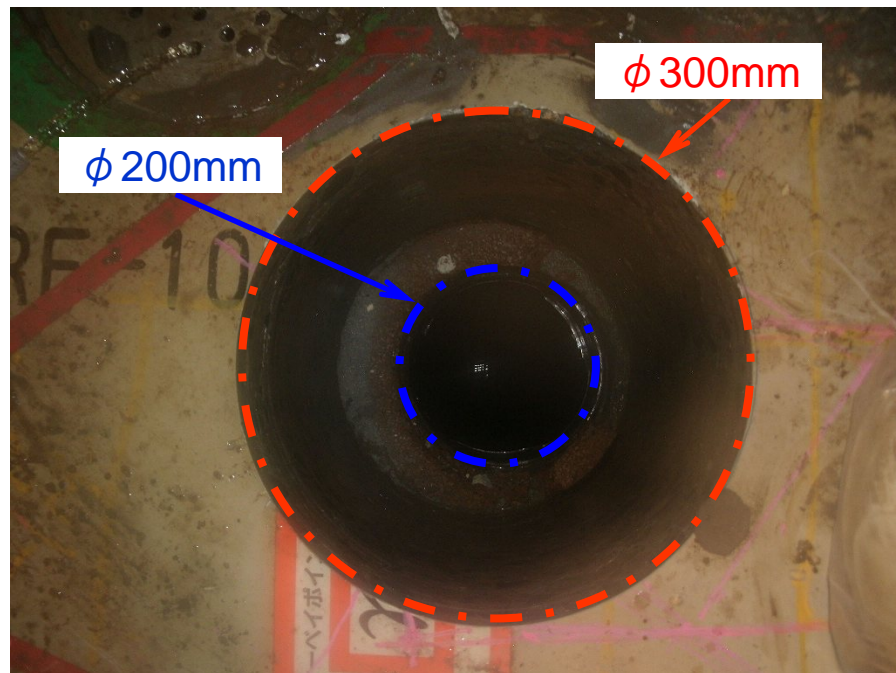


Photo taken by TEPCO on March 25, 2013

As a result of checking all the way down to the water surface, no obstacle which may interfere with the investigation was found.

# 3. Results

## Sunday, March 24

Work done: Drilled a  $\phi$  300mm hole on the floor

Individual maximum radiation exposure dose: 1.65mSv

## Monday, March 25

Work done: Drilled a  $\phi$  200mm (penetrating) hole on the floor

Individual maximum radiation exposure dose: 2.04mSv

[Notes]

- Atmosphere dose: **No increase was detected** in the work area on the first floor after the hole was penetrated (Approx. 4-7mSv/h).
- Hydrogen concentration: **No hydrogen was detected** in the work area on the first floor when the hole was drilled.