

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

Purpose of Torus Room Investigation

Obtain basic data on the atmosphere, accumulated water and sediments in the Torus Room to provide inputs for the investigation of the PCV and the design of repairing equipment as well as to investigate the diffusion of fuel debris into the Torus Room.

Hole drilling at Unit 2

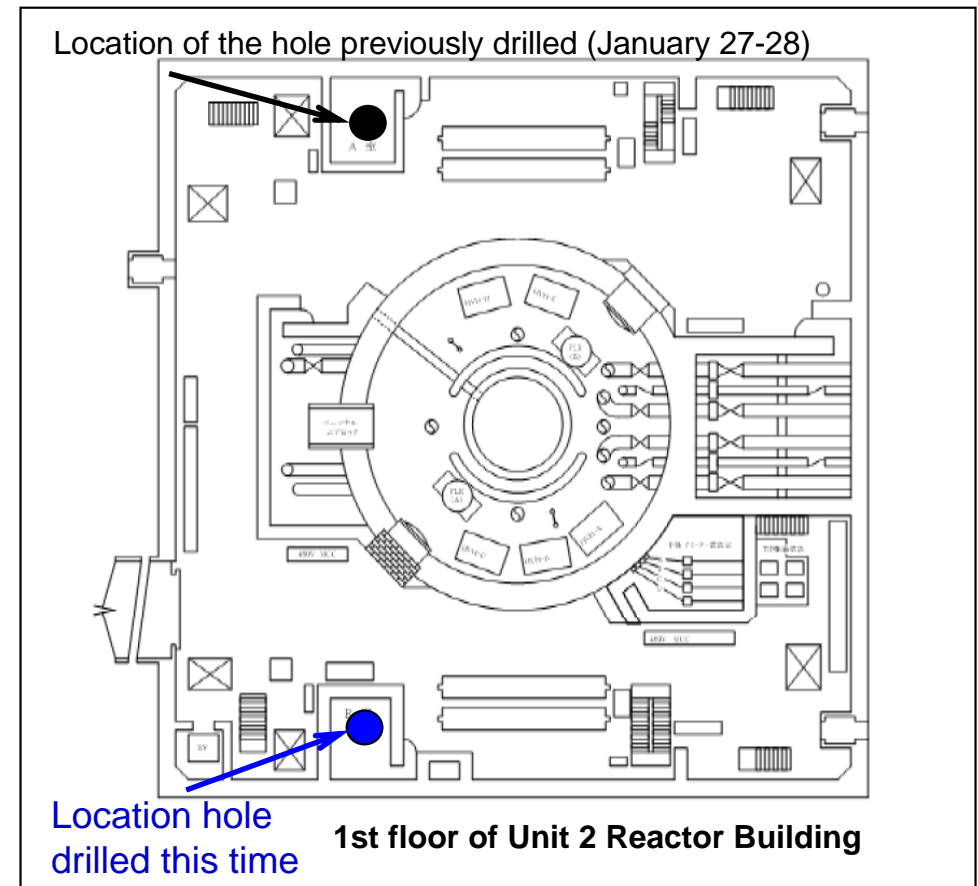
On January 27 and 28, a hole was drilled on the RHR (A) heat exchanger room in the north side of the first floor of the Reactor Building (Location indicated by).

- Obstacles (piping, grating, etc.) were found.

As a result of checking the available design information (working drawing, construction report, etc.) on the lower part of RHR(B) heat exchanger room in the south side of the first floor of the Reactor Building, image of the ceiling in the southwest part of the Torus Room acquired by a camera equipped on the small car of a quadrupedal walking robot (used in the investigation of the lower part of the vent pipe) was found.

As no obstacle which may interfere with the investigation was found, the hole drilling location has been determined (Location indicated by).

The hole drilling will be performed on March 24 and 25.



Hole location at Unit 2

Plan of hole drilling on the first floor of Unit 2 (per day)
Planned dose: 3mSv/person Number of workers: about 30