

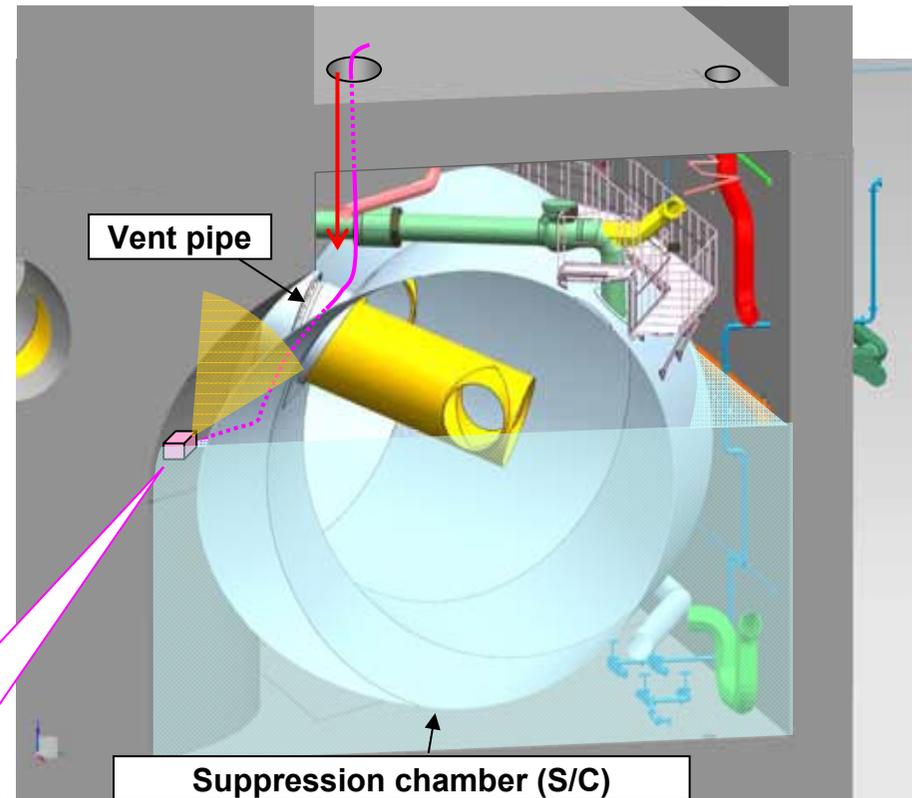
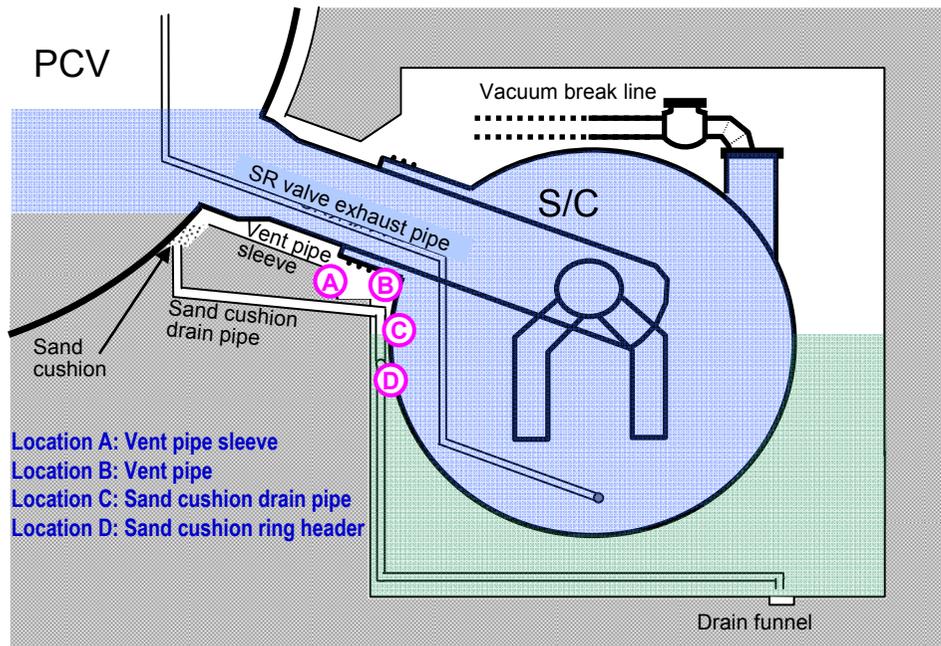
Results of Investigation around Lower Parts of Unit 1 Vent Pipes at Fukushima Daiichi NPS (First Day)

**November 13, 2013
Tokyo Electric Power Company**

1. Outline

1

- Leakage from the vent pipes and the sand cushion drain pipes, and the external conditions of these pipes were checked using images captured by cameras mounted on a surface boat. At the same time, dose measurement was conducted around the lower parts of the vent pipes.

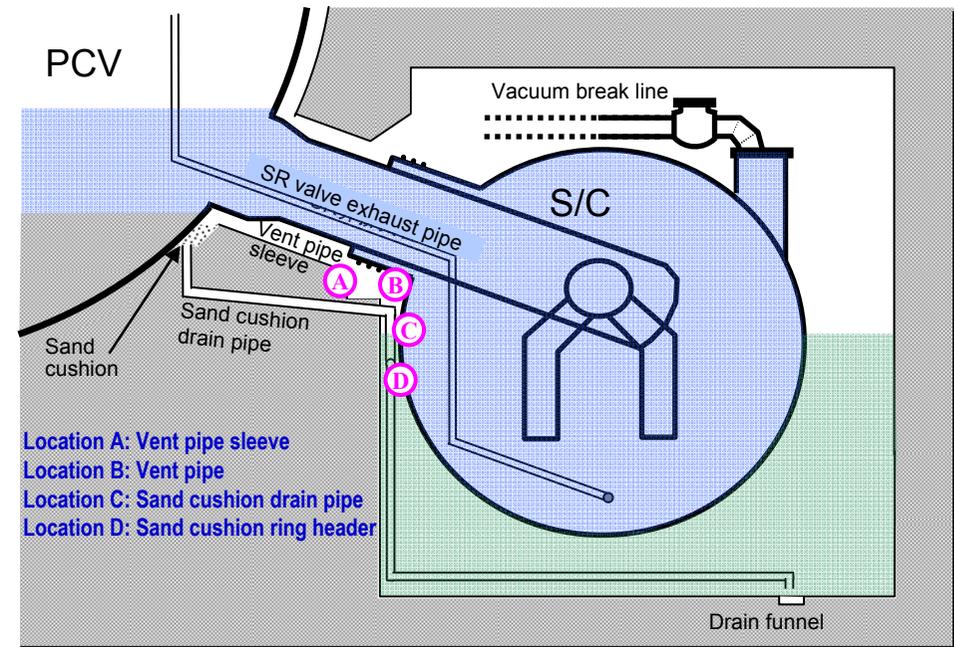
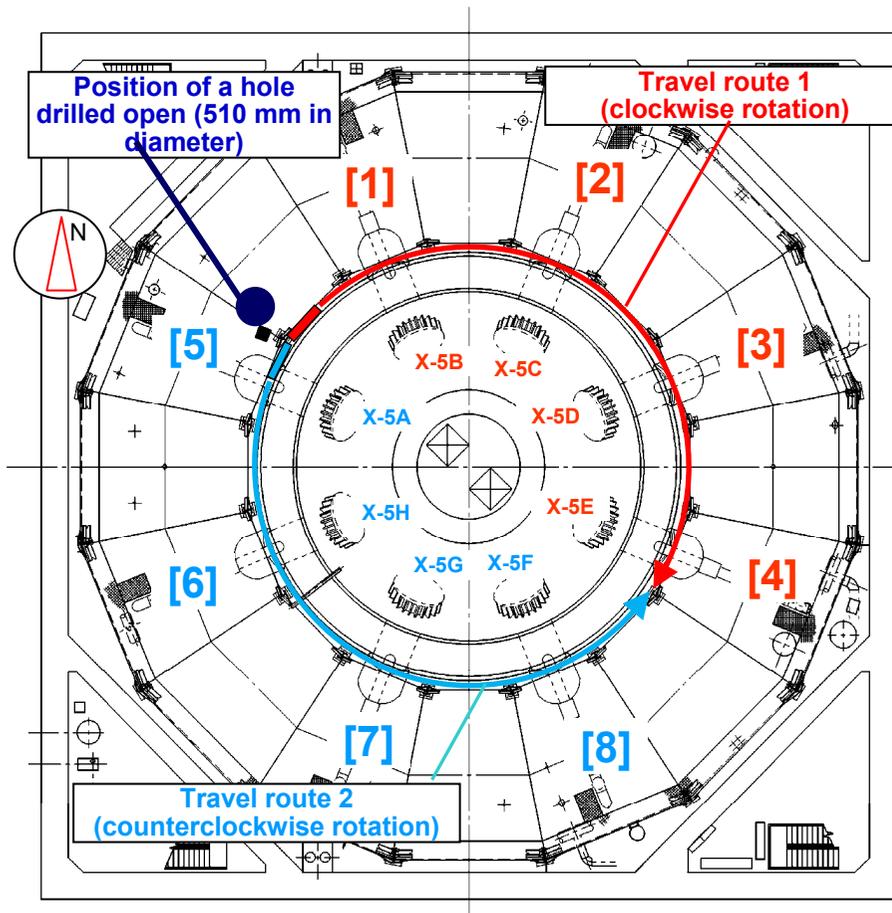


Surface boat: Travel test at factory

Surface boat

2. Investigated locations

- Investigation date: November 13, 2013
- Investigated locations: Locations [1] to [4] along the travel route 1

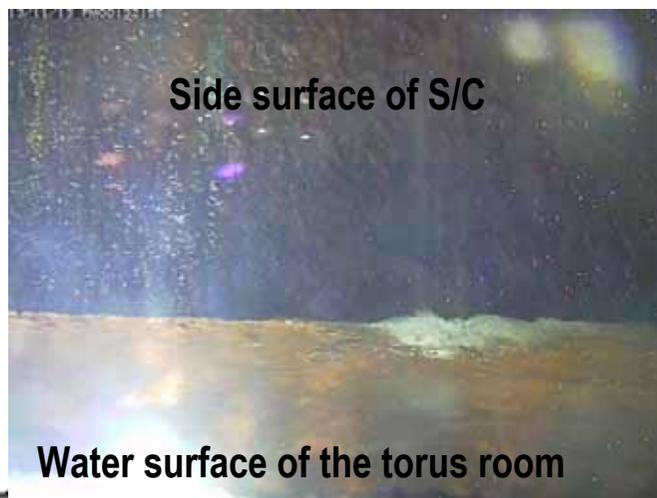
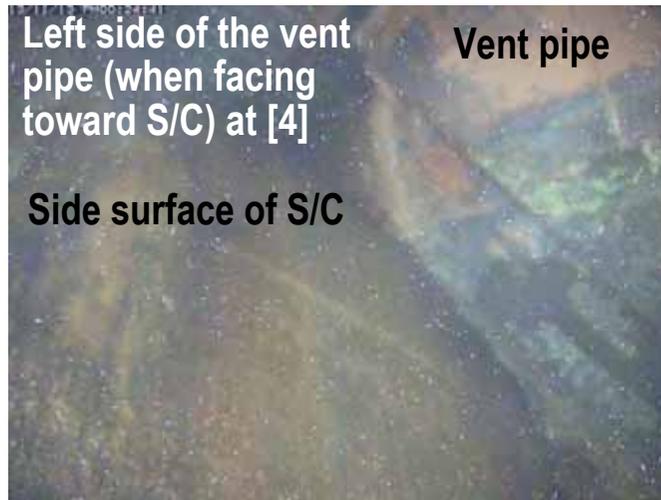


Surface boat travel routes

3-1. Investigation results

Investigation results on the lower parts of the vent pipes:

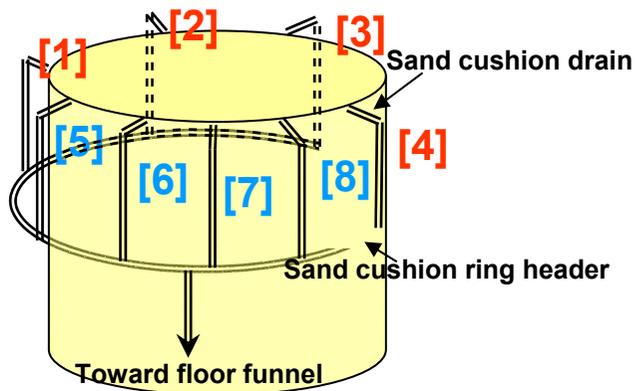
- Leakage from the upper part of the S/C facing side of the vent pipe at the location [4] was found.
- No leakage was found at the locations [1] to [3]



3-1. Investigation results

Investigation results on the sand cushion drain pipes:

- The sand cushion drain pipe at the location [1] has been damaged, and leakage was found there.
- At the locations [2] to [4], there has been no coming off of the drain pipes in the air-surrounded part, and therefore, no leakage was found.



[Dose measurement results]

- Approximately 0.9 to 1.8 Sv/h along the travel route.

[Results of leakage spot investigation]

- Leakage from the upper part (of the S/C facing side) of the vent pipe at the location [4] (X-5E) was found.
- Leakage from the sand cushion drain pipe of the vent pipe at the location [1] (X-5B) was found.

We will continue the investigation for the vent pipes at the locations [5] to [8].

5. Future schedule

● Future schedule

