

# Results of Investigation of the Lower Part of Unit 2 Vent Pipe at Fukushima Daiichi Nuclear Power Station

March 14, 2013

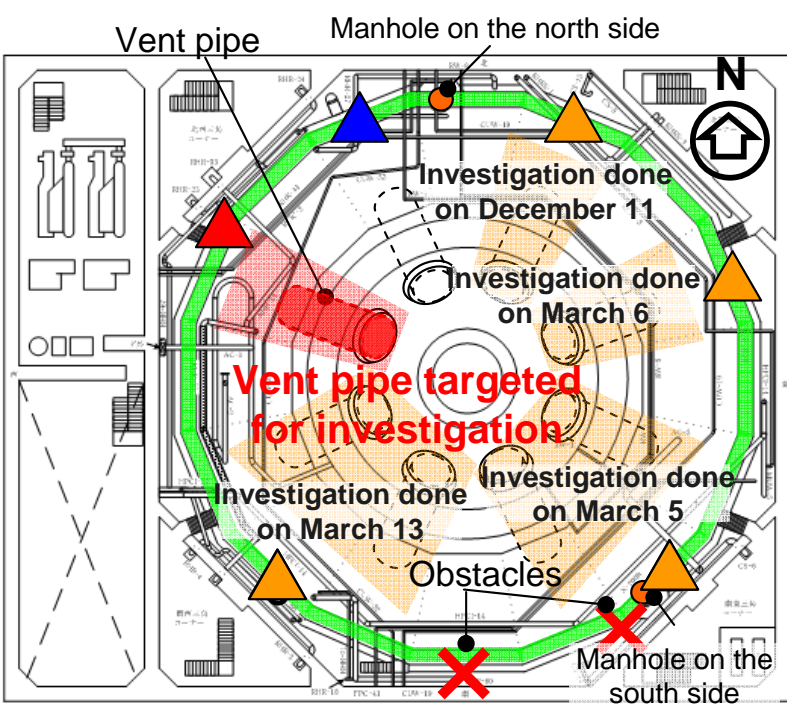
Tokyo Electric Power Company



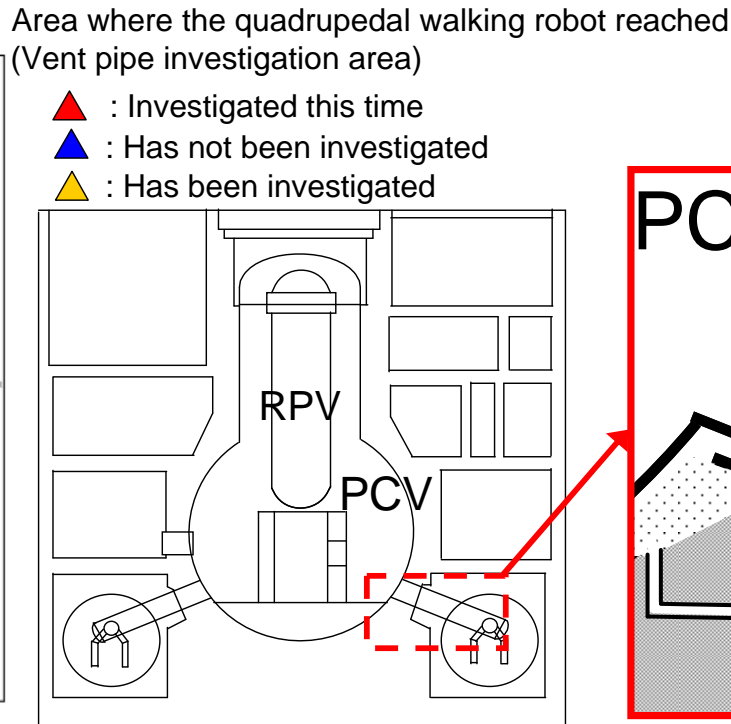
東京電力

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# Investigation Locations and Current Conditions (West-northwest Vent Pipe)

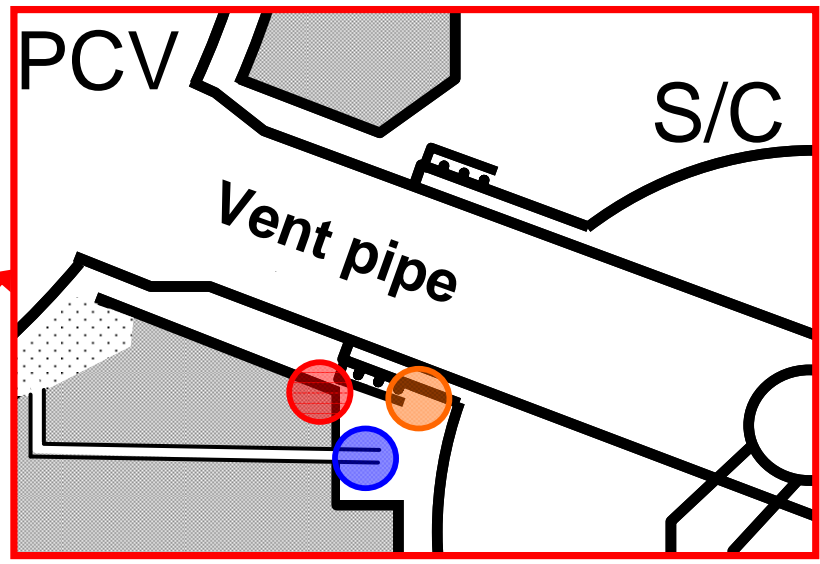


**Torus room (Plan view)**



**PCV (Cross section)**

Date: March 14, 2013  
 Investigated area: Areas indicated by ▲



**Lower part of the vent pipe (Enlarged)**



**Edge of the vent pipe sleeve**

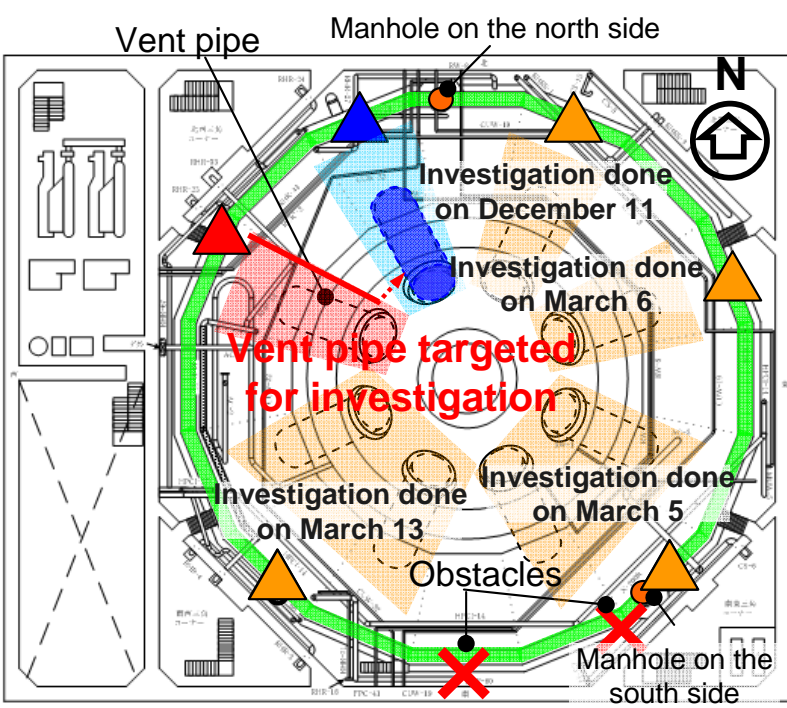


**Edge of the sand cushion drain pipe**



**Lower part of the vent pipe bellows cover**

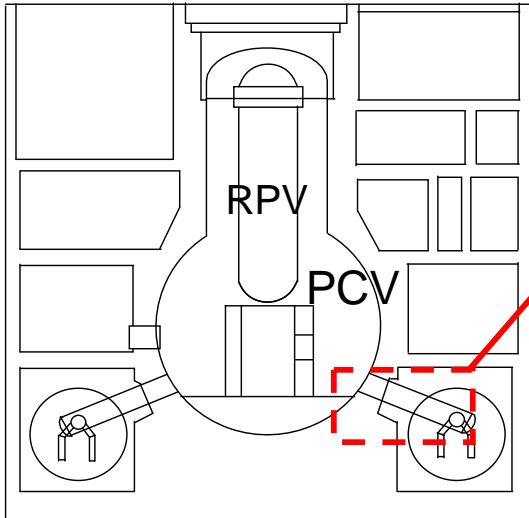
# Investigation Locations and Current Conditions (North-northwest Vent Pipe)



**Torus room (Plan view)**

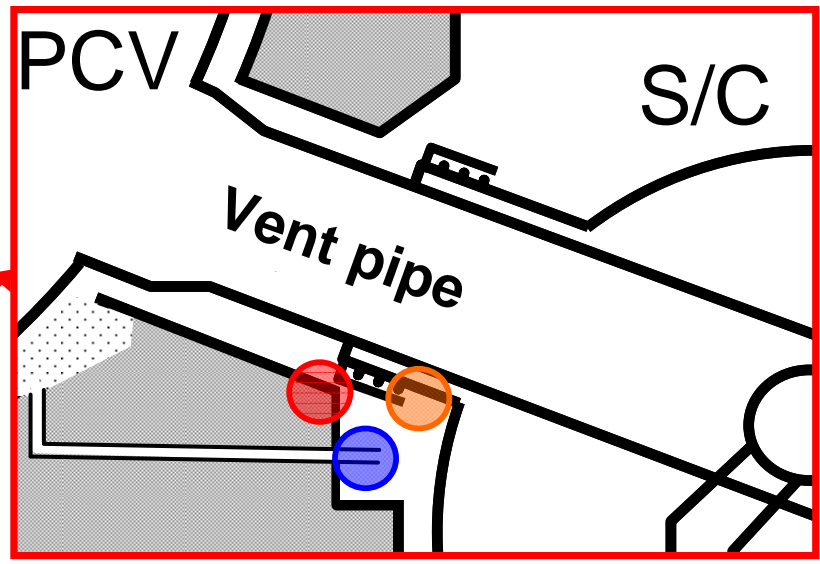
Area where the quadrupedal walking robot reached (Vent pipe investigation area)

- ▲ : Investigated this time
- ▲ (blue) : Has not been investigated
- ▲ (yellow) : Has been investigated



**PCV (Cross section)**

Date: March 14, 2013  
Investigated area: Areas indicated by ▲



**Lower part of the vent pipe (Enlarged)**



Edge of the vent pipe sleeve  
Edge of the sand cushion drain pipe  
} Not yet confirmed

Lower part of the vent pipe bellows cover: Could not be confirmed due to the distance being too long.



# Investigation Results

The results of investigation of the lower part of the vent pipe performed today are as follows.

1. As for the west-northwest vent pipe subject to today's investigation, no water leakage was found at the edge of the vent pipe sleeve, the edge of the sand cushion drain pipe and the lower part of the vent pipe bellows cover.
2. As a result of directing the camera towards the north-northwest vent pipe, the investigation of leakage could not be performed due to the distance being too long. The area is to be investigated tomorrow (March 15).

The investigation utilizing a quadrupedal walking robot performed today was executed without trouble.

## Exposure dose

Exposure dose at the investigation of the lower part of the vent pipe (March 14)

- Planned dose: 3mSv
- Actual dose (Max.): 1.57mSv