< Reference >
July 10, 2012
Tokyo Electric Power Company

# Fukushima Daiichi Nuclear Power Station Unit 3 Reactor Building Basement Torus Room Investigation Plan

TEPCO 東京電力

# Investigation Outline

## Purpose

As water leak investigation and water stop measure implementation are planned for the area from PCV / Reactor Building to the Turbine Building, it is critical to understand the current condition of the Torus Room. A robot will investigate the inside of Torus Room with high radiation dose to obtain inputs to be leveraged for planning the water leak investigation and water stop measures.

## Investigation Items

The following will be done in the Torus Room in Unit 3 Reactor Building basement.
-Visual confirmation (Acquire photos and moving images)
-Dose rate measurement
-Collect sound samples in the Torus Room

**Equipments:** Remote control robot (Survey runner)

**Members involved:** 11 TEPCO employees

**Investigation date:** Wednesday, July 11, 2012

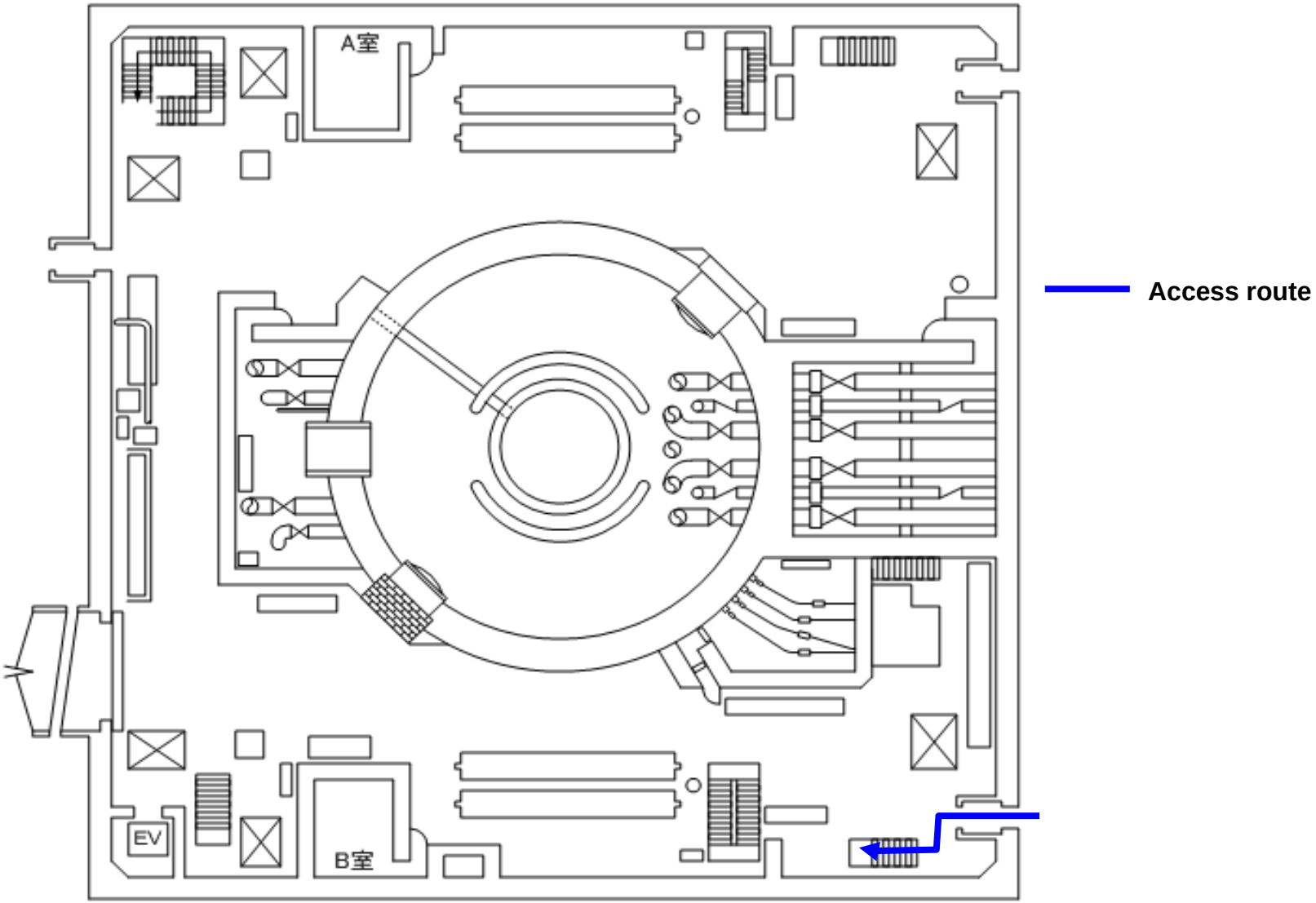
## Planned expose dose

*Robot operation control is done in Unit 3 S/B (0.1mSv/h)

| Planned exposure dose [mSv] | Number of people | Assigned roles |
|---|---|---|
| 2 | 5 | Robot operation, preparation |
| 8 | 6 | Carrying the robot through the triangle corner, opening doors |

# Access Route for the Robot (1st Floor in R/B)

**Unit 3 R/B 1st floor**



# Access Route for the Robot (R/B Basement)

**Unit 3 R/B Basement**