

Unit 2 Primary Containment Vessel Investigation
at Fukushima Daiichi Nuclear Power Station
(Investigation results by the self-propelled investigation device)

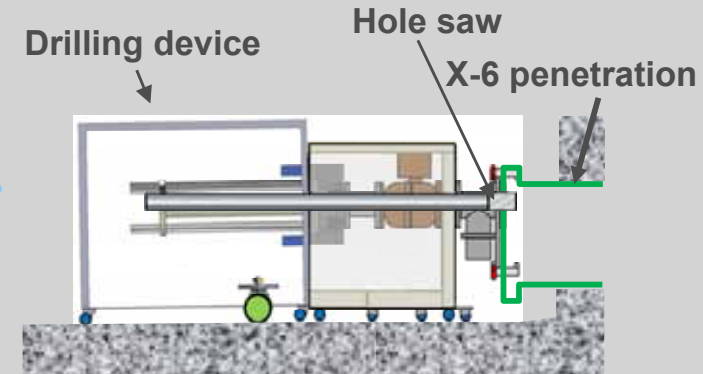
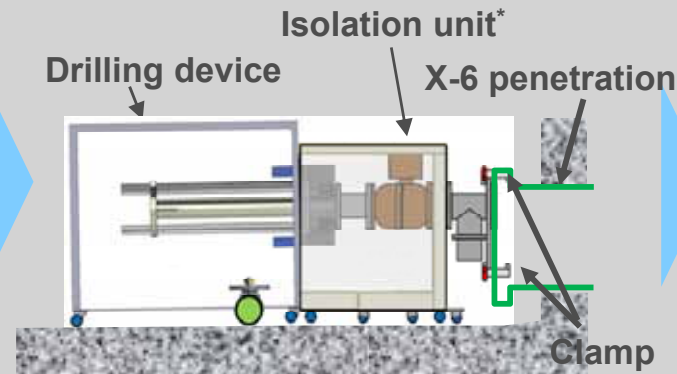
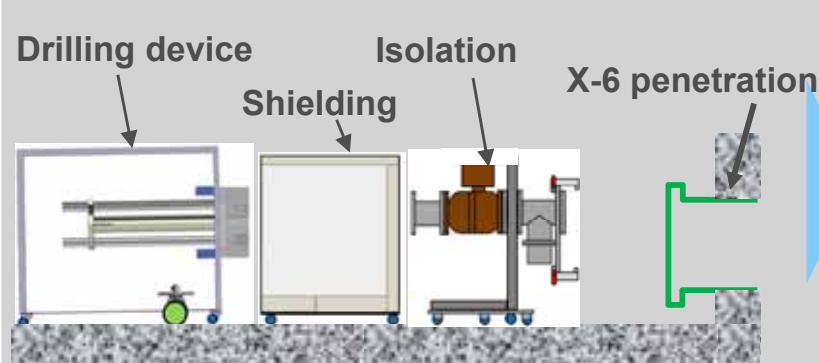
IRID **TEPCO**

1. Work steps for Unit 2 PCV investigation

Step 1. Drilling device carried in

Step 2. Drilling device set up

Step 3. Drilling on X-6 penetration



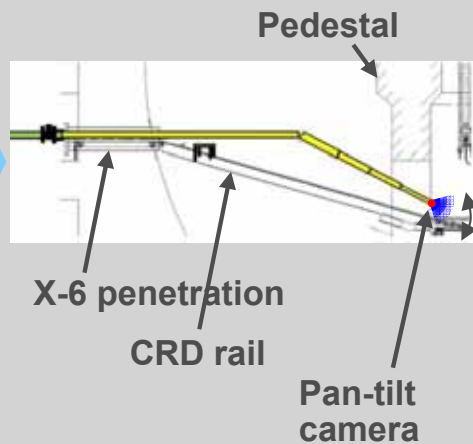
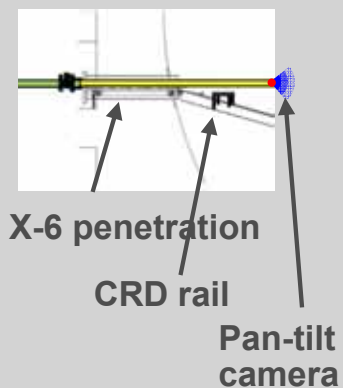
*Combination of isolation and shielding

Step 4. Pre-investigation of X-6 penetration and CRD rail using guide pipe

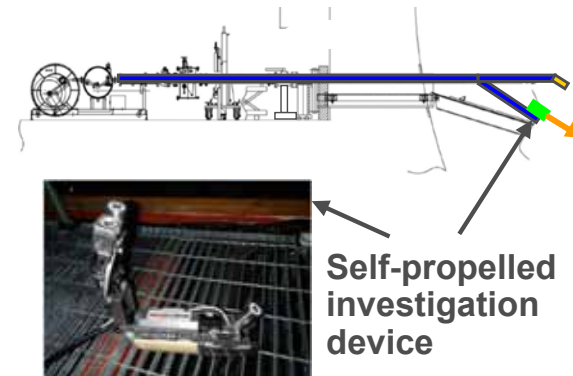
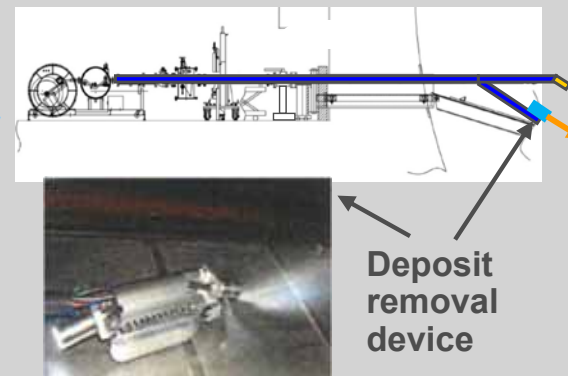
Step 5. Pre-investigation inside pedestal using guide pipe

Step 6. Obstacle removal device inserted*

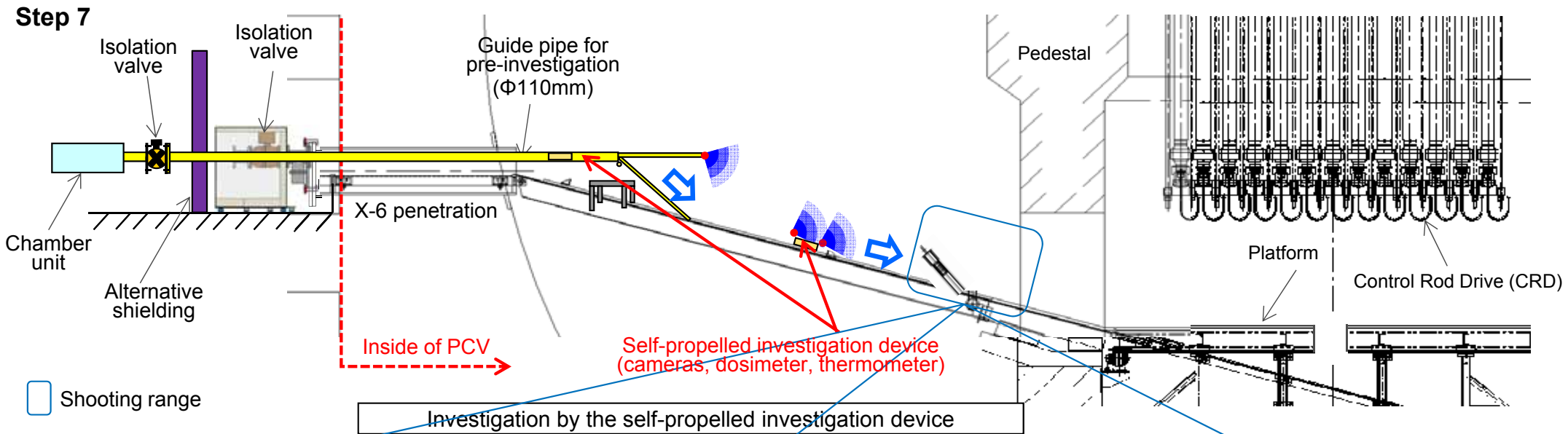
Step 7. Investigation using self-propelled investigation device



*The device may not be inserted depending on the obstacle conditions.

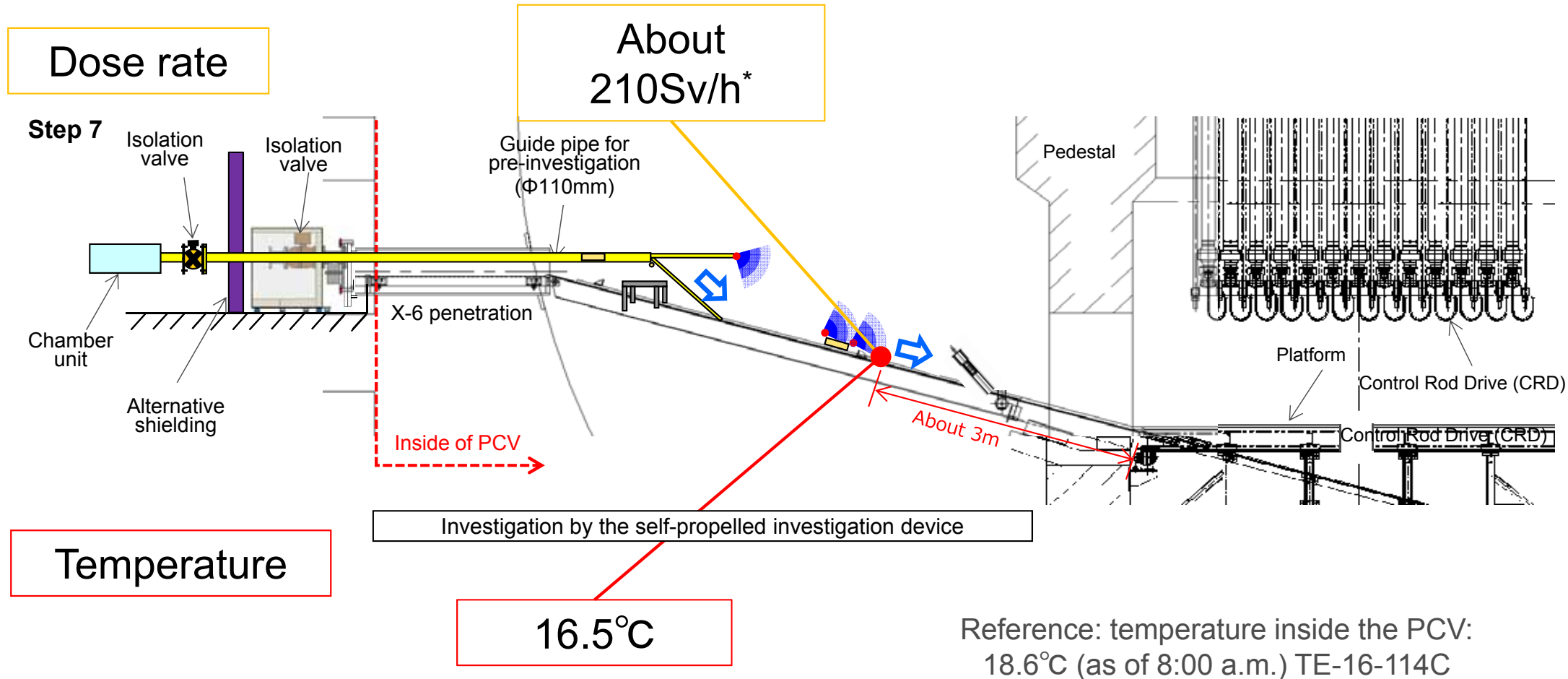


2. Investigation results by the self-propelled investigation device (digital images)



2. Investigation results by the self-propelled investigation device (temperatures and radiation levels)

- * • Calculated from integrating radiation dose for about four minutes.
 - Estimated value from noise images: about 5-13Sv/h
- Note) Could be affected by the lighting



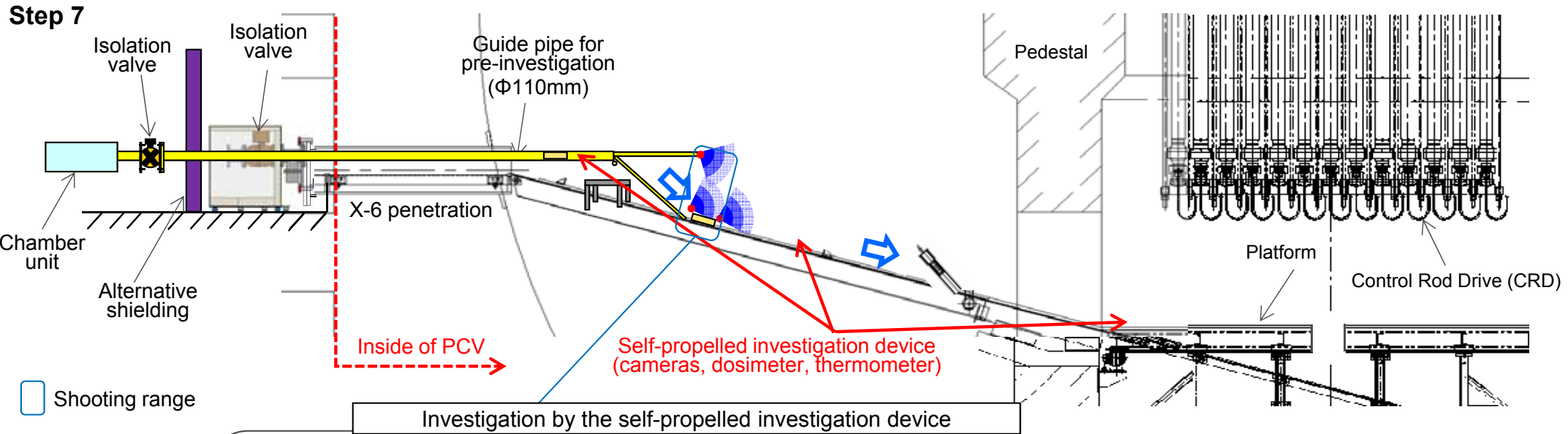
Temperatures have been evaluated from the sequentially obtained data.

- Today's investigation results
 - The self-propelled investigation device ran on the deposits of the CRD rail and reached the area toward the pedestal (the vicinity of hanging balance), further than the area where the deposit removal device reached.
 - It tried to move further toward the pedestal but could not reach there because the crawler belt on the left side could not move any more.
 - It investigated temperatures and radiation levels on the CRD rail as well as conditions of surrounding structures.
 - The connection cable was cut and the device was left on the side of the CRD rail not to obstruct further investigations.

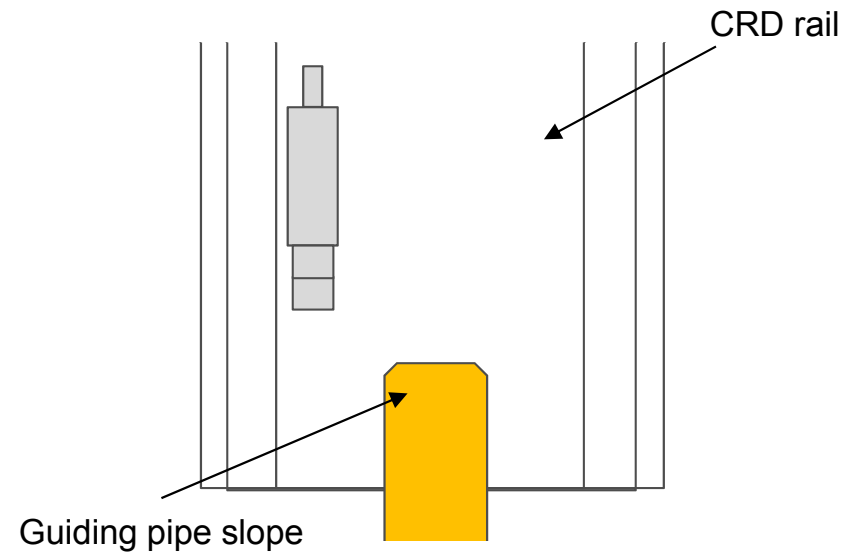
- Plans for further examination

TEPCO will continue to evaluate the information, such as deposits on the CRD rail and conditions inside the pedestal, obtained from this entire investigation.

Reference: Location where the device was left



End of CRD rail



Location where the device was left

Images provided from International Research Institute for Nuclear Decommissioning (IRID)