Reference February 16, 2017 Tokyo Electric Power Company Holdings, Inc.

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

## IRID TEPCO

#### 1. Work steps for Unit 2 PCV investigation





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

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



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# 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.

### 4. Summary

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- 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**





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

Location where the device was left