

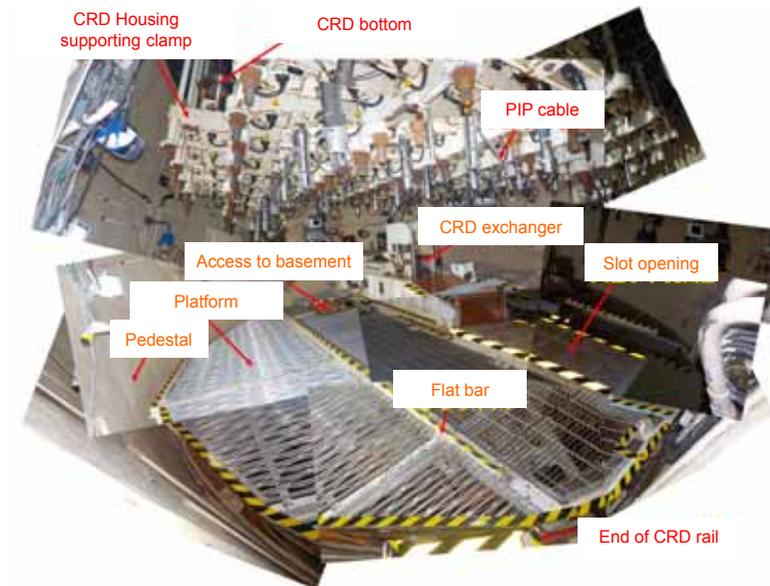
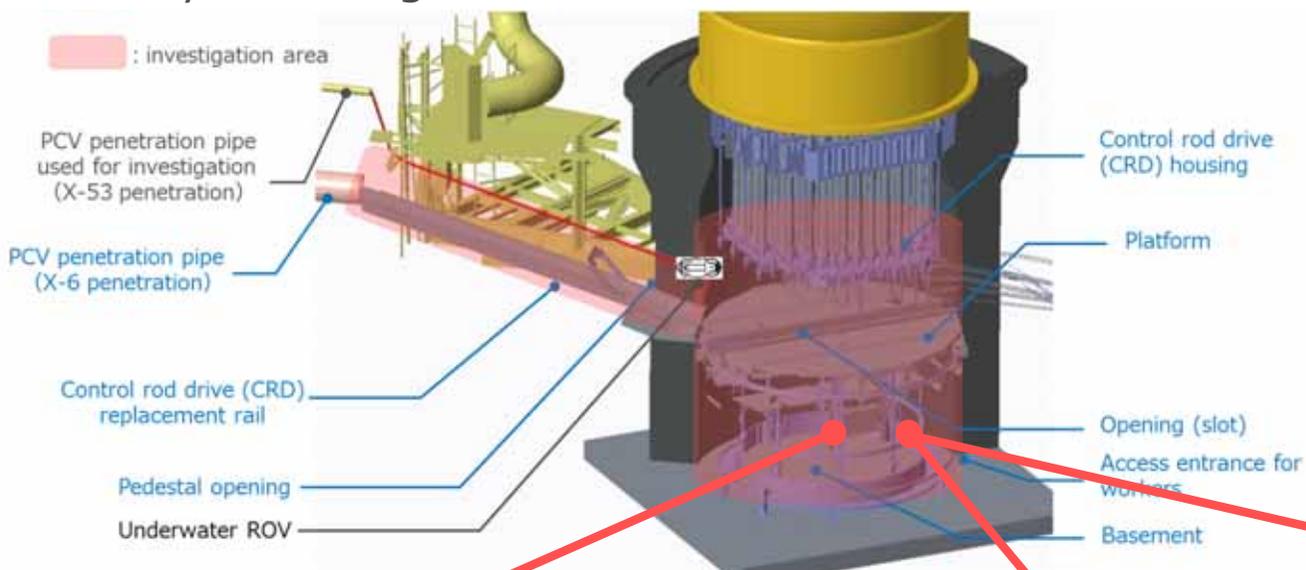
1. Progress of Unit 3 PCV internal investigation (Preliminary report of July 22 investigation) (1/2)

<Reference>

July 22, 2017

Tokyo Electric Power Company Holdings, Inc

Today's investigation



Reference: inside the Unit 5 pedestal

Outline view of investigation



① Inside the pedestal



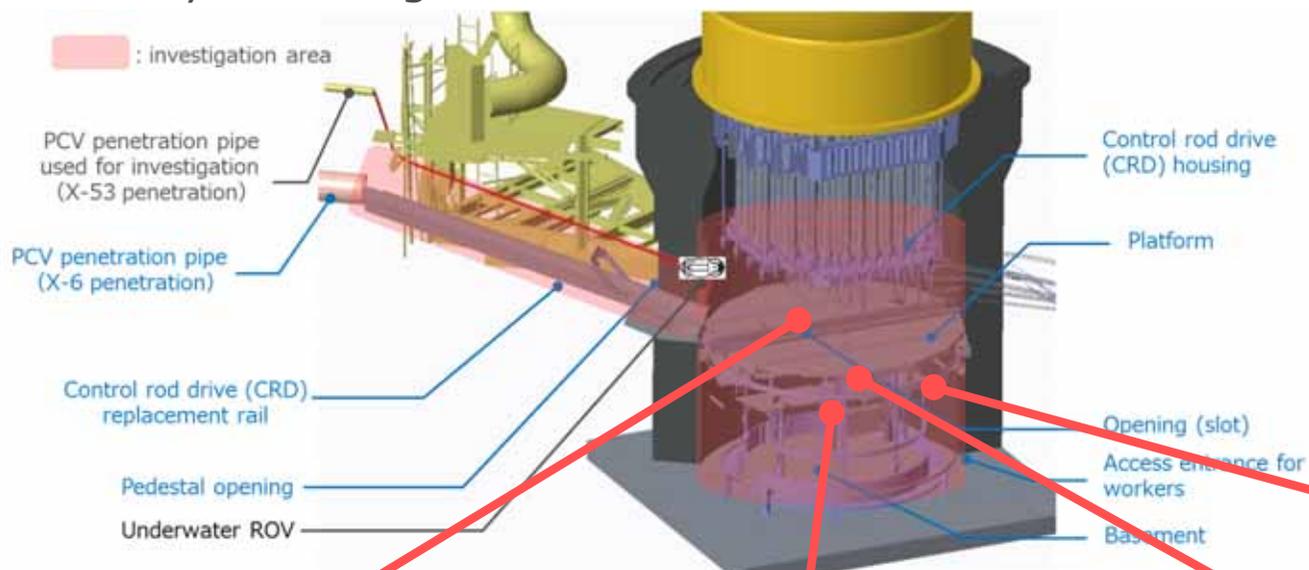
② Inside the pedestal



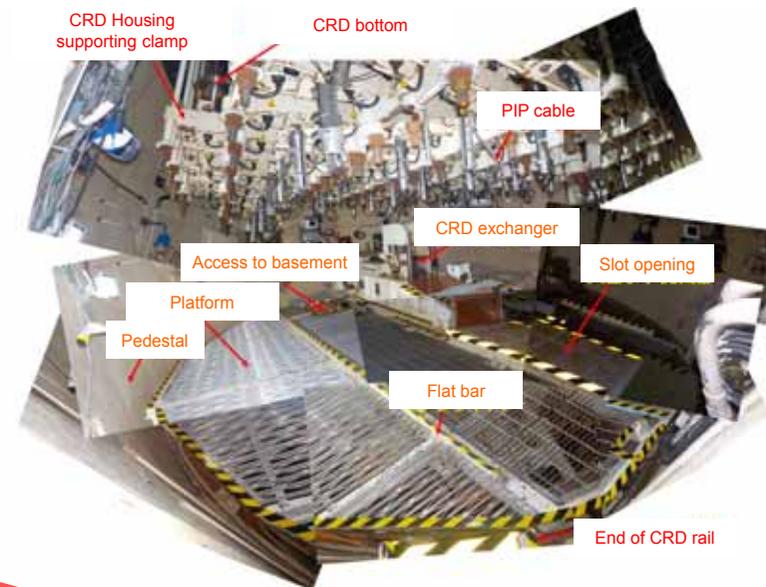
③ Inside the pedestal

2. Progress of Unit 3 PCV internal investigation (Preliminary report of July 22 investigation) (2/2)

Today's investigation



Outline view of investigation



Reference: inside the Unit 5 pedestal



④ Inside the pedestal



⑤ Inside the pedestal



⑥ Inside the pedestal



⑦ Inside the pedestal

2. Overview of Exploration Results

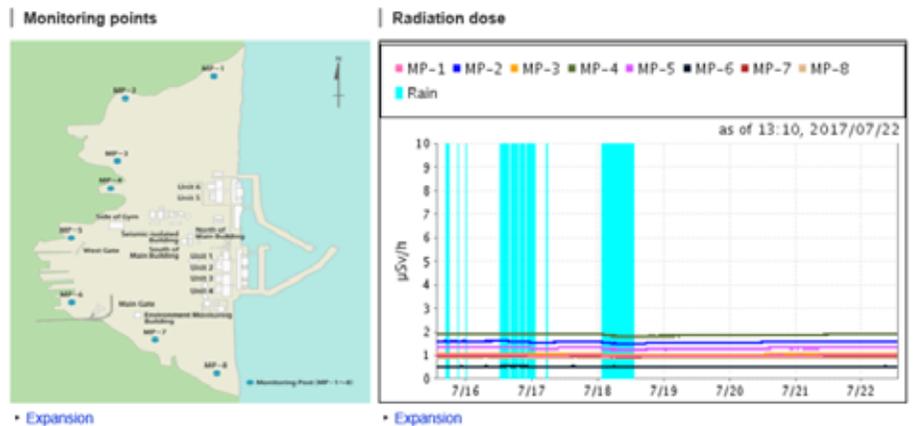
- ① Today, July 22, we conducted a submersible ROV exploration inside the Unit 3 Primary Containment Vessel (PCV) with the aim of examining conditions inside the lower area of pedestal and so on.
- ② As a result, we could examine likely melted materials that are consolidated, some fallen substances such as grating and the sediments.
- ③ The conditions inside the pedestal will be examined precisely based on the image data obtained through the consecutive explorations.

3. Impact to the surrounding environment (1/2)

- Unit 3 internal investigation of PCV has been started from July 19. **No impact has been occurred to the surrounding environment.**
- The investigation is conducted while **creating a boundary around the guiding pipe to prevent the air inside the PCV from leaking to the outside.**
- **No significant changes have been observed at the monitoring posts and dust monitors after the investigation, compared to the before.**
- Real-time data of the monitoring posts and dust monitors along the site boundary are available on the website.

Reference URL : <http://www.tepco.co.jp/en/nu/fukushima-np/f1/index-e.html>
<http://www.tepco.co.jp/en/nu/fukushima-np/f1/dustmonitor/index-e.html>

Monitoring post (MP1 - MP8)



Measurement value (2017/07/22 13:10)

MP Unit: μSv/h Wind Velocity Unit: m/s

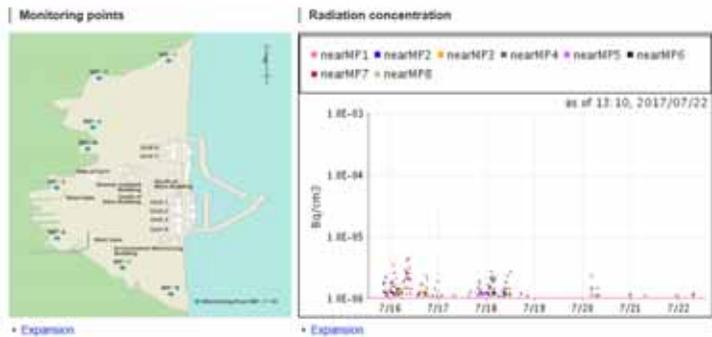
MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	Wind Direction	Wind Velocity	Rain
1.012	1.601	1.075	1.897	1.340	0.533	0.974	0.892	south	8.3	No

(As of 1:10 p.m. on July 22, 2017 : approx. 0.5-1.9 μSv/h)

*Radiation dose including the other influence than the PCV interior

Radioactive Concentration measured at Dust Monitors near the Site Boundary of Fukushima Daiichi Nuclear Power Station

The following are radioactive concentrations in the air measured near the monitoring posts (MP1-8) at the site boundary of Fukushima Daiichi Nuclear Power Station.



Measurement value (2017/07/22 13:10)

Radioactive Particles Monitor Unit: Bq/cm³ Wind Velocity Unit: m/s

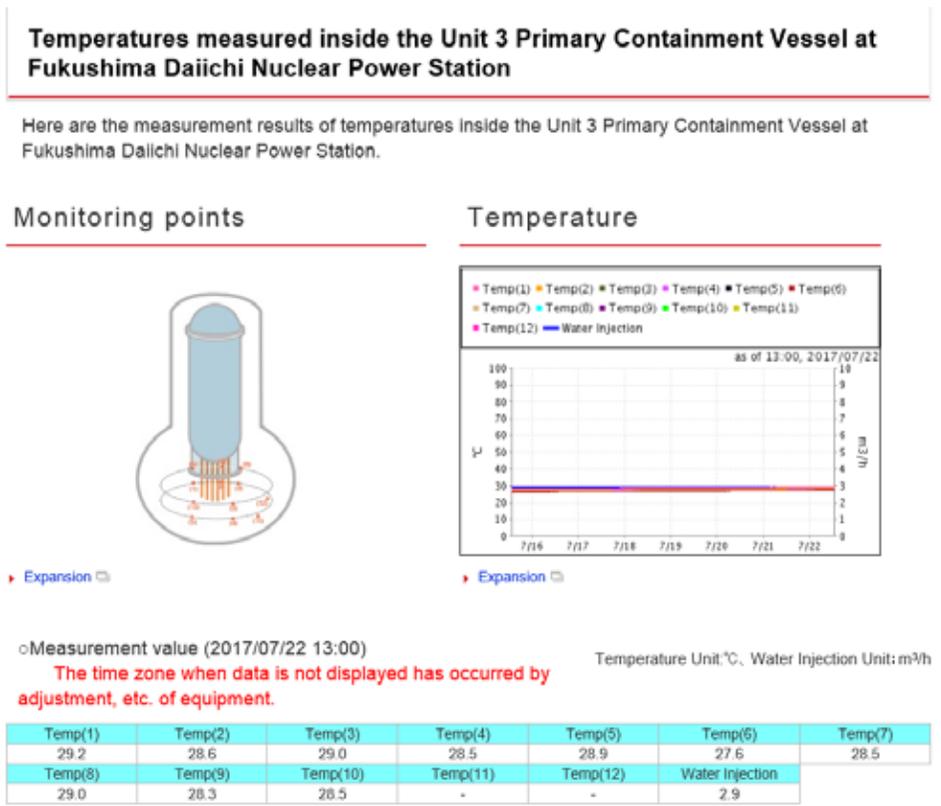
nearMP1	nearMP2	nearMP3	nearMP4	nearMP5	nearMP6	nearMP7	nearMP8	Wind Direction	Wind Velocity
1.0E-06	south-southeast	4.0							

(As of 1:10 p.m. on July 22, 2017: 1.0E-06Bq/cm³)

3. Impact to the surrounding environment (2/2)

- Plant parameters are monitored all the time during the investigation, and no significant changes have been observed in the PCV internal temperatures after the investigation, compared to the before. The condition of cold shutdown has not been changed.
- Temperature data inside the PCV are available on the website.

Reference URL : http://www.tepco.co.jp/en/nu/fukushima-np/f1/plantdata/unit3/pcv_index-e.html



(As of 1:00 p.m. on July 22, 2017 : about 27-29 °C)