Reference January 26, 2017 Tokyo Electric Power Company Holdings, Inc.

<u>Pre-investigation results of X-6 penetration</u> <u>for the Unit 2 Primary Containment Vessel Investigation</u> <u>at Fukushima Daiichi Nuclear Power Station</u>

IRID TEPCO

1. Unit 2 Primary Containment Vessel investigation



The purpose of this investigation is to inspect the platform inside the pedestal, fuel debris fallen to the Control Rod Drive (CRD), and structures inside the pedestal.

Today, preparatory investigation was conducted for X-6 penetration and CRD exchange rail which the self-propelled Scorpion robot will take to the pedestal.



Investigation area inside the pedestal

3. Work steps for Unit 2 PCV investigation





3. Pre-investigation results for X-6 penetration (1/3)



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3. Pre-investigation results for X-6 penetration (2/3)



3. Pre-investigation results for X-6 penetration (3/3)



4. Summary

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- Investigation results
 - As an investigation result for X-6 penetration, necessary space was found to insert the guide pipe (about Φ110mm) used in the next investigation steps.
 - As an investigation result for CRD rail, no obstacles were found in today's investigation area, which could prevent next pre-investigation for the pedestal.
 - Although the image is not clear around the pedestal opening due to mist, the conditions will be inspected in the next pre-investigation for the pedestal, as planned.

Future plans Pre-investigation will begin after necessary preparation is made, reflecting today's pre-investigation results to the next pre-investigation plan for the pedestal.



The pre-investigation was conducted by remotely operating the camera at the field headquarters and by inserting/pulling out the guide pipe inside the Unit 2 Reactor Building.



Field headquarters



Inside of Unit 2 Reactor Building

Work site scenes