

Result of Visual Inspection of Inside of Primary Containment Vessels at Fukushima Daini Nuclear Power Station

Inspection Period

Unit 4: From August 29, 2011 to December 21, 2011

Unit 1: From December 27, 2011 to February 28, 2012

The visual inspection of Primary Containment Vessels (PCVs) themselves and their inside at Unit 4 and 1 had been generally completed.

As a result, it was confirmed that there is no leak of reactor coolant and no major distortion nor damage of equipment, apparatus and piping inside of PCVs so that there were no impact on the function for cold shut-down.

There were some minor damage such as peeling of painting from the surface of equipment and rust due to high temperature and humidity circumstance, however, these were not impacted to the function of cold shut-down. (Previously announced for Unit 4 on December 21, 2011 and for Unit 1 on February 28, 2012.)

Results of Visual Inspection of Inside of PCV at Unit 4 (Photo)

(1) Major equipment visually inspected



Main Steam Isolation Valve
(February 2, 2012)



Primary Loop Recirculation Pump (A)
(February 2, 2012)



Pedestal
(February 8, 2012)



Pedestal (Nuclear Measurement System)
(February 8, 2012)

(2) Damaged Points Discovered



Peeling of painting on the surface of a wall
(November 21, 2011)



Exfoliation of Zinc Plating (Grating)
(September 6, 2011)



Crack on Weld Cap of Supporting Structure
(October 4, 2011)



Puddle (Diaphragm Floor)
(August 29, 2011)

Results of Visual Inspection of Inside of PCV at Unit 1 (Photo)

(1) Major equipment visually inspected



Air Lock for Staff
(December 27, 2011)



Main Steam Isolation Valve
(February 22, 2012)



Drywell Cooling System Transfer Fan
(February 8, 2012)



Drywell Cooling System Fan
(February 8, 2012)

(2) Damaged Points Discovered



**Peeling of painting
on the surface of a wall**
(February 20, 2012)



Exfoliation of Mortar
(January 16, 2012)



Exfoliation of Zinc Plating (Grating)
(January 6, 2012)



**Rust on the Equipment Surface
and Dislocation of Sheet Gasket**
(PCV Vacuum Breaker)
(February 15, 2012)



Grease leak from Valve Actuator
(February 20, 2012)



**Distortion of Acrylic Plate
on Valve Opening Indicator**
(February 20, 2012)



Separation of Lagging Material
(February 7, 2012)



Retting of Terminal Box of Electrical Parts
(February 15, 2012)



Puddle (Diaphragm Floor)
(December 27, 2011)