

# Completion of Water Stop Work at Unit 3 Control Building at Fukushima Daiichi Nuclear Power Station

< Reference >  
 December 5, 2012  
 Tokyo Electric Power Company

## Outline

- On August 4, 2011, groundwater was found to be flowing from Unit 3 transformer duct for start up to the Control Building.
- Water stop work was started on July 16, 2012 and completed on December 4, 2012.
- Upon completion of the water stop work, approx. 25m<sup>3</sup> of the accumulated water in Units 3-4 Turbine Building can be reduced per day.

## Work procedure

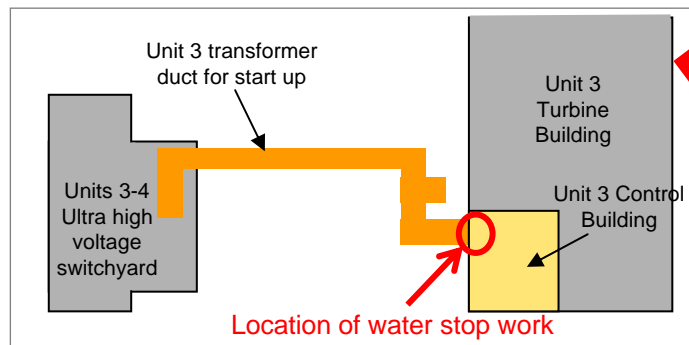
Water stop rubber was installed around the opening on the Control Building side.

Impermeable liner was installed on the duct side of the water stop panel steel material which covers up the opening.

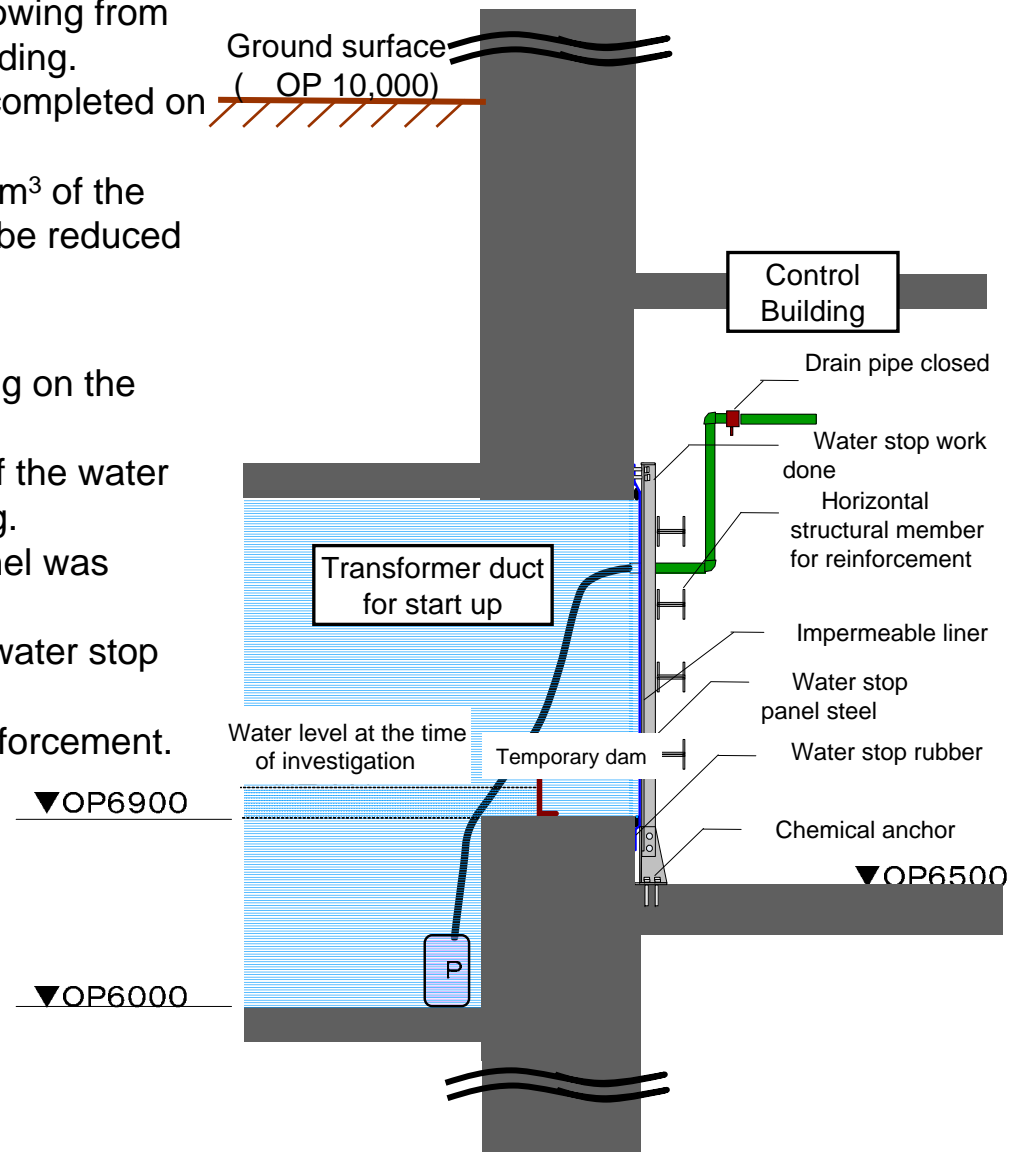
The drain pipe was closed after the water stop panel was installed.

Water stop work was done in the joint area of the water stop panel steel material and around the bolts.

Horizontal structural member was installed for reinforcement.



Location of water stop work (Cross section)



## Water stop work (Photos)



Before the water stop work  
(Photo taken on June 11, 2012)



After the water stop work was completed  
(Photo taken on December 4, 2012)