

Installation of Permanent Monitoring Instrument of Unit 2 PCV at Fukushima Daichi Nuclear Power Station

August 14, 2013

Tokyo Electric Power Company



東京電力

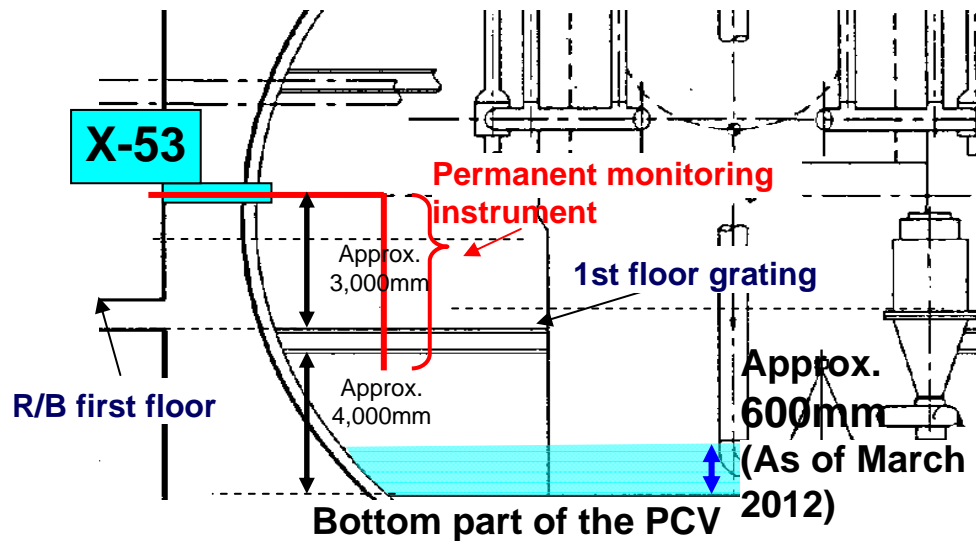
1. Installation Status of Permanent Monitoring Instrument in the PCV



(1)

Location where installation implemented this time

Monitoring instrument		Installation location
Thermometer	Water gauge	
TE08	-	OP.11970
TE07	-	OP.10730
TE06	-	(No measurement)
TE05	LE05	OP.9560 (+4080mm from the bottom part)
TE04	LE04	OP.9360 (+3880mm from the bottom part)
TE03	LE03	OP.9160 (+3680mm from the bottom part)
TE02	LE02	OP.8960 (+3480mm from the bottom part)
TE01	LE01	OP.8760 (+3280mm from the bottom part)



<Installation status>

- Thermometer TE01-TE06 were not installed at the location initially planned.

<Cause and measure>

- It is considered that a grating or the structure under the grating is interfering the monitoring instruments.
- On August 13, the instruments were activated at the present location, since we could not identify the interfering location.



2. Result of Installation of Permanent Monitoring Instrument in the PCV

<Results>

- Thermometer **TE07 and TE08** were installed as initially planned.
- Thermometer **TE01-TE06** were not installed at the location initially planned.
- Temperature measured by the new thermometer was almost the same value as those measured by the existing thermometer.
- Water gauge LE01-05 were not installed at the location initially planned, and **all of them were placed above the water surface.**

<Future countermeasures>

- As the monitoring instruments were not installed at the location initially planned, **we will identify the cause of interfering and consider a way to reinstall the monitoring instruments at the location initially planned.**

Thermometer

Data as of 6:35 PM on August 13] []

Existing thermometer	TE-16-114J HVH16D Supply	43.1
	TE-16-114D HVH16D Return	43.5 [Reference]
New thermometer	TE08 (TE-16-008)	43.7
	TE07 (TE-16-007)	43.7
	TE06 (TE-16-006)	43.7
	TE05 (TE-16-005)	43.5
	TE04 (TE-16-004)	43.5
	TE03 (TE-16-003)	43.5
	TE02 (TE-16-002)	43.8
	TE01 (TE-16-001)	45.9

Water gauge

[Bottom of the PCV: OP. 5480]

(5)	LE05 (LE-16-005)	OP.9560	Not operational
(4)	LE04 (LE-16-004)	OP.9360	Not operational
(3)	LE03 (LE-16-003)	OP.9160	Not operational
(2)	LE02 (LE-16-002)	OP.8960	Not operational
(1)	LE01 (LE-16-001)	OP.8760	Not operational