

< Reference >

Results of Survey on Thermometer at Unit 2 Reactor, Fukushima Daiichi NPS

March 3, 2012

< Date and Time of Survey >

March 2, 2011 11:08 ~ 11:23

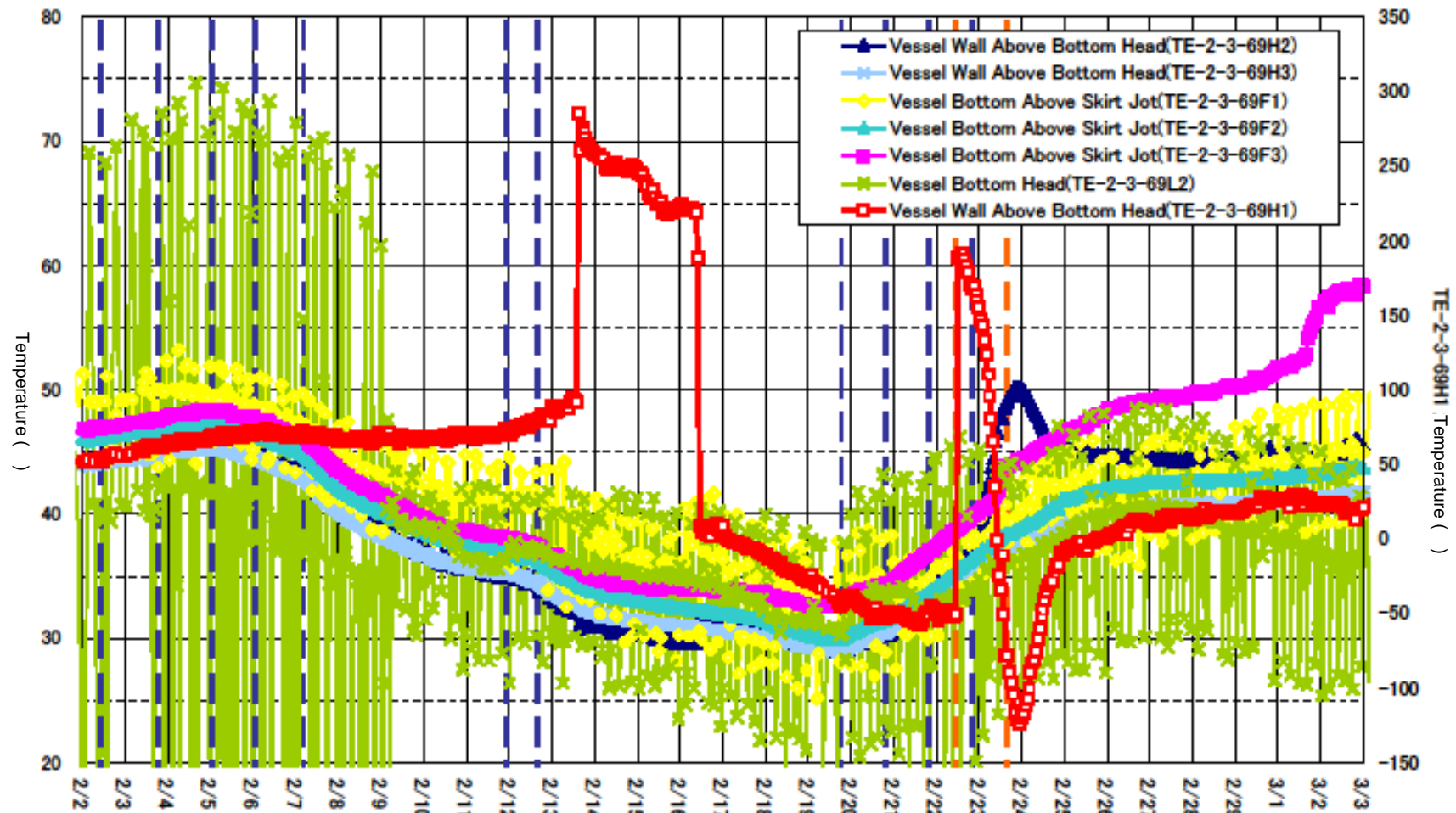
Tokyo Electric Power Company

Items surveyed	Measurement Date	DC Resistance ()	/	Judgment	
				Normal: 0.9 / 1.1 Deteriorated Insulation: / 0.9 Disconnection :1.1 < /	/
Top of junction of skirt supporting RPV (270 °) (TE-2-3-69F3) 【 Thermometer for Monitoring Stipulated in Safety Regulations 】 (Ave. in regular inspections) 256.61	Sep 26, 2011 (evaluated for the report)	122.09	0.48	Deteriorated Insulation	/
	Feb 14, 2012 (last time)	143.03	0.56	Deteriorated Insulation	1.17
	March 2, 2012 (this time)	215.35	0.84	Deteriorated Insulation	1.76
	Min. value measured (Sep. 26, 2011)	122.09	/	/	/
Top of the head of the bottom part of RPV (135 °) (TE-2-3-69H2) 【 Thermometer for monitoring stipulated in Safety Regulations 】 (Ave. in regular inspections) 300.47	Sep 29, 2011 (evaluated for the report)	151.71	0.50	Deteriorated Insulation	/
	Feb 29, 2012 (last time)	173.57	0.58	Deteriorated Insulation	1.15
	March 2, 2012 (this time)	173.97	0.58	Deteriorated Insulation	1.15
	Min. value measured (Jan 27, 2012)	151.06	/	/	/

< Changes of the temperature before and after the inspection >

- Top of junction of skirt supporting RPV (270 °) (TE-2-3-69F3) 57.7 58.8
- Top of the head of the bottom part of RPV (135 °) (TE-2-3-69H2) 44.9 46.7

Trends of the temperature of Unit 2 RPV, Fukushima Daiichi NPS



Evaluation Results of Thermometer at the Top of Junction of Skirt Supporting RPV (TE-2-3-69F3)

It shows higher temperature compared with Feb 2 when the same volume of the water was injected.

On the other hand, the temperature trends generally comply with the changes of the volume of water injected.

Based on the above, we judged that "from engineering point of view, we cannot determine that this thermometer(TE-2-3-69F3) doesn't show correct values".

We exclude the thermometer at the Top of Junction of Skirt Supporting RPV (TE-2-3-69F3), and "will monitor it as a reference thermometer".