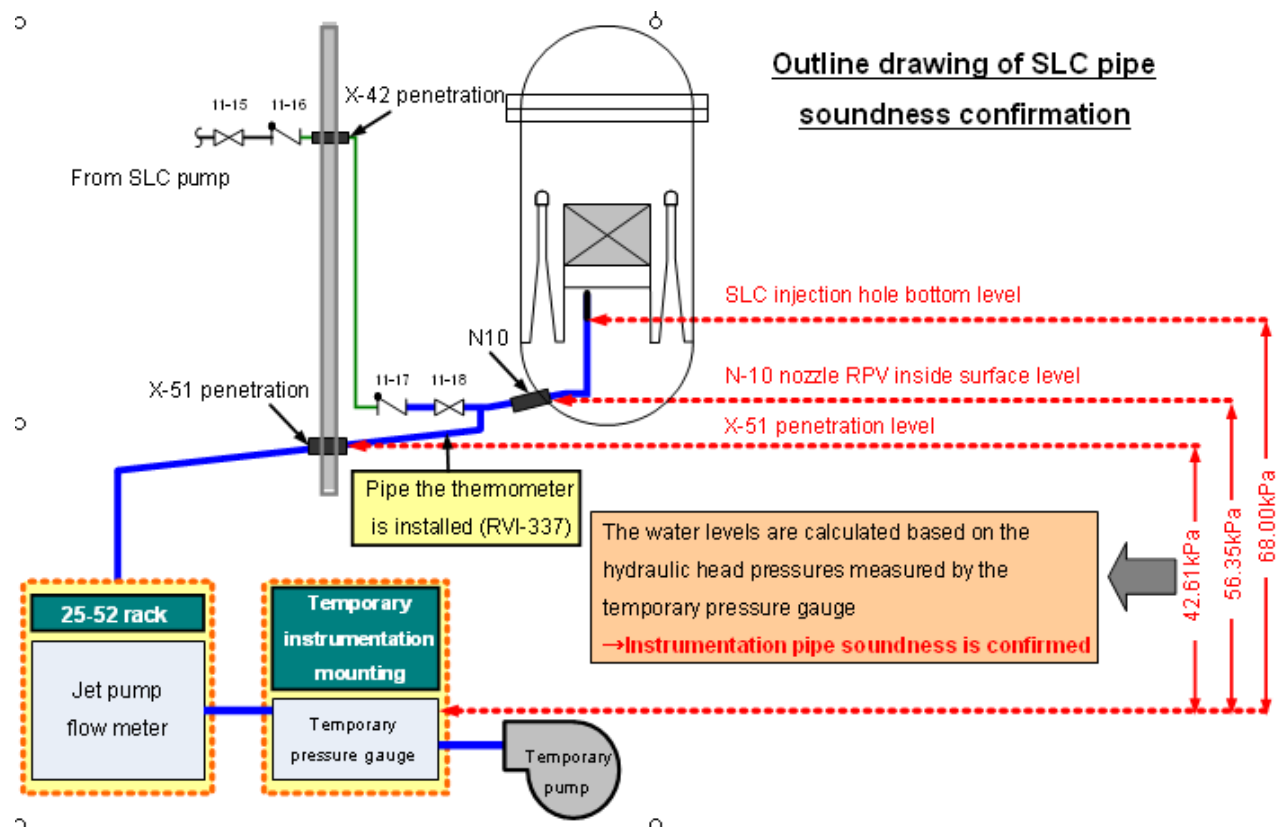


# Fukushima Daiichi Nuclear Power Station Unit 2 RPV Alternative Thermometer: Soundness Confirmation Result of SLC Differential Pressure Detection Pipe

< Reference >  
July 13, 2012  
Tokyo Electric Power Company

- In order to confirm the soundness of the pipe to which the RPV alternative thermometer will be installed, water was flushed from the temporary pump through the pipe (July 12).
- Since the pressures of the temporary pump and the temporary pressure gauge increased after flushing approx. 15L of water, the pressures have been monitored.
- The pressure went down to 148kPa, however it is taking time for the pressure to stabilize. The temporary pressure gauge reading today was approx. 100kPa, which is lower than yesterday.
- Based on the above, it can be assumed that some parts of the SLC differential pressure detection pipe may be clogged. We will evaluate this in detail and consider how thermometer installation can be done.



## [Reference] Work Progress Since Yesterday

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### Thursday, July 12

10:20 AM: Hydraulic head pressure before flushing was confirmed (Temporary pressure gauge reading: 64kPa)

10:35 AM: Started flushing (Approx. 15L, the instrumentation pipe capacity: approx. 33L)

The pump pressure gauge reading went up to 3.3MPa, and no more water could be injected from that point.

11:05 AM: Stopped flushing (the pressure gradually decreased to 0.2MPa)

2:58 PM: The temporary pressure gauge reading went down to 148kPa (still keeps decreasing).  
The pressure to be confirmed again on July 13.

### Friday, July 13

Around 10:00 AM: Pressure confirmed (Temporary pressure gauge reading: approx. 100kPa)