**Fukushima Daiichi Nuclear Power Station Plant Parameters**

**As of 06:00 on September 10**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Status of water injection to the reactor</th>
<th>Water level in the reactor</th>
<th>Pressure in the reactor</th>
<th>Water temperature of the reactor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fresh water feeding Feed water system 3.6m³/h (as of 5:00, 9/10)</td>
<td>Fuel range A: 1850mm (as of 5:00, 9/10)</td>
<td>System A: 0.018 MPa g (as of 5:00, 9/10)</td>
<td>Temperature in feed-water nozzle: 105.7 ℃ (as of 5:00, 9/10)</td>
</tr>
<tr>
<td>2</td>
<td>Fresh water feeding Feed water system 3.5m³/h (as of 5:00, 9/10)</td>
<td>Fuel range B: 2500mm (as of 5:00, 9/10)</td>
<td>System B: 0.014 MPa g (as of 5:00, 9/10)</td>
<td>Temperature at reactor vessel bottom: 97.9 ℃ (as of 5:00, 9/10)</td>
</tr>
<tr>
<td>3</td>
<td>Fresh water feeding Feed water system 5.0m³/h, CS line 2.9m³/h (as of 5:00, 9/10)</td>
<td>Fuel range A-3000 mm (as of 5:00, 9/10)</td>
<td>System A-0.183 MPa g (as of 5:00, 9/10)</td>
<td>Temperature in feed-water nozzle: 107.6 ℃ (as of 5:00, 9/10)</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Fuel range B-2500 mm (as of 5:00, 9/10)</td>
<td>System B-0.104 MPa g (as of 5:00, 9/10)</td>
<td>Temperature at reactor vessel bottom: 113.7 ℃ (as of 5:00, 9/10)</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>Temperature in feed-water nozzle: 90.6 ℃ (as of 5:00, 9/10)</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td>Temperature at reactor vessel bottom: 85.6 ℃ (as of 5:00, 9/10)</td>
</tr>
</tbody>
</table>

**Temperature in the Common Spent Fuel Storage:**
- **FPC skimmer surge tank level:** 3620mm (as of 5:00, 9/10)
- **Power source:** Receiving offsite power (P/C2C)

**Power supply:**
- Receiving offsite power (P/C2C)
- Receiving offsite power (P/C4D)

**Others:**
- Data of Pressure in D/W of Unit 1 on 11/29 was corrected because it was incorrect.

**Pressure conversion:**
- Gauge pressure/MPa g = Absolute pressure/MPa abs - atmospheric pressure (normal atmospheric pressure 0.1013 MPa)
- Absolute pressure/MPa abs = Gauge pressure/MPa g + atmospheric pressure (normal atmospheric pressure 0.1013 MPa)

**Stoppage range:**
- 1884 mm (as of 6:00, 9/10)
- 2486 mm (as of 6:00, 9/10)

**Fuel range:**
- A: -1850 mm
- B: -2200 mm

**Fuel range:**
- A: -3000 mm
- B: -2500 mm

**Overview:**
- As of 06:00 on September 10
- Summary of plant parameters
- Detailed measurements and conditions

**Monitoring:**
- Selected indicators and measurements
- Continuous monitoring of status

**Other notes:**
- Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
- Comprehensive evaluation using all available information from indicators, focusing on trends, taking uncertainty of indicators into consideration.

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**Unit 1**
- Fresh water feeding
- Feed water system 3.6m³/h
- Status of water injection to the reactor: Fresh water feeding
- Water level in the reactor: Fuel range A: 1850mm (as of 5:00, 9/10)
- Pressure in the reactor: System A: 0.018 MPa g
- Water temperature of the reactor: Temperature in feed-water nozzle: 105.7 ℃ (as of 5:00, 9/10)

**Unit 2**
- Fresh water feeding
- Feed water system 3.5m³/h
- Status of water injection to the reactor: Fresh water feeding
- Water level in the reactor: Fuel range B: 2500mm (as of 5:00, 9/10)
- Pressure in the reactor: System B: 0.014 MPa g
- Water temperature of the reactor: Temperature at reactor vessel bottom: 97.9 ℃ (as of 5:00, 9/10)

**Unit 3**
- Fresh water feeding
- Feed water system 5.0m³/h, CS line 2.9m³/h
- Status of water injection to the reactor: Fresh water feeding
- Water level in the reactor: Fuel range A-3000 mm (as of 5:00, 9/10)
- Pressure in the reactor: System A-0.183 MPa g
- Water temperature of the reactor: Temperature in feed-water nozzle: 107.6 ℃ (as of 5:00, 9/10)

**Unit 4**
- Receiving offsite power (P/C2C)
- Status of water injection to the reactor: (as of 5:00, 9/10)
- Water level in the reactor: (as of 5:00, 9/10)
- Pressure in the reactor: (as of 5:00, 9/10)
- Water temperature of the reactor: (as of 5:00, 9/10)

**Unit 5**
- Receiving offsite power (P/C4D)
- Status of water injection to the reactor: (as of 5:00, 9/10)
- Water level in the reactor: (as of 5:00, 9/10)
- Pressure in the reactor: (as of 5:00, 9/10)
- Water temperature of the reactor: (as of 5:00, 9/10)

**Unit 6**
- Receiving offsite power (P/C4D)
- Status of water injection to the reactor: (as of 5:00, 9/10)
- Water level in the reactor: (as of 5:00, 9/10)
- Pressure in the reactor: (as of 5:00, 9/10)
- Water temperature of the reactor: (as of 5:00, 9/10)
Fukushima Daiichi Nuclear Power Station  Supplemental explanation for the plant parameters

<table>
<thead>
<tr>
<th>Item</th>
<th>Recording manner</th>
<th>Measurement manner</th>
<th>Ch number or number of systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status of water injection to the reactor</td>
<td>Water inflow (CS line : Core Spray system)</td>
<td>Temporary</td>
<td>System 1/1</td>
</tr>
<tr>
<td>Water level in the reactors</td>
<td>Data measured by the water gauge, which monitor the fuel range</td>
<td>Main indicator</td>
<td>System A 1/1Ch, System B 1/1Ch</td>
</tr>
<tr>
<td>Pressure in the reactor</td>
<td>Measure voltage value of pressure instrument by the main indicator panel and convert to the pressure. One representing value is noted among multiple data on each System A, B.</td>
<td>Unit 1/2 Temporary, Unit 3 Measures voltage value through the main indicator panel and converts them to the pressure</td>
<td>Main indicator : 1/1 system (Unit 1), System A : 1/2Ch, System B : 1/2Ch</td>
</tr>
<tr>
<td>Temperature in the reactor</td>
<td>Since there is no water inflow at the points, where thermometers are set, no data is collected.</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Temperature around the reactor vessel</td>
<td>Data measured at feed-water nozzle and at reactor vessel bottom (1U, 3U : RPV Bottom Head, 2U : RPV Wall Above Bottom Head) are noted among multiple data to view the whole picture.</td>
<td>Main recorder</td>
<td>Point of Feed-water nozzle 1/4Ch reactor vessel bottom 1/2Ch (Unit 1) 1/1Ch (Unit 2/3)</td>
</tr>
<tr>
<td>Pressure in D/W - S/C</td>
<td>Data from main instrument, Measure voltage value by the main instrument panel converted to the pressure in case main instruments are not in function. As to the D/W pressure of Unit2, the reading of the temporary indicator is described.</td>
<td>(D/W : Dry Well, S/C : Suppression Chamber)</td>
<td>Main indicator</td>
</tr>
<tr>
<td>D/W Atmospheric temperature</td>
<td>Data at upper point (RPV Bellows Air) and middle point (HVH return) are noted among multiple data to view the whole picture. (RPV : Reactor Pressure Vessel, HVH : Heating Ventilating Handling Unit)</td>
<td>Main recorder</td>
<td>Main recorder</td>
</tr>
<tr>
<td>CAMS radiation monitor</td>
<td>Data from the instrument reading of main indicator. (CAMS : Containment Atmospheric Monitoring System)</td>
<td>Main indicator</td>
<td>D/W System A 1/1Ch, System B 1/1Ch S/C System A 1/1Ch, System B 1/1Ch</td>
</tr>
<tr>
<td>Temperature in S/C</td>
<td>Data from the instrument reading of main recorder. One representing value is noted among multiple data on each System A, B.</td>
<td>Main recorder</td>
<td>System A1/4Ch (Unit 1), 8Ch (Unit 2/3) System B1/4Ch (Unit 1), 8Ch (Unit 2/3)</td>
</tr>
<tr>
<td>Temperature in the spent fuel pool</td>
<td>Data from the instrument reading or from the measurement reading of samples of main indicator and temporary insutument. (Non-thermal mode : Urgent Heat load Mode, SHC mode : Shut down Cooling Mode)</td>
<td>Unit 2/3 Main recorder</td>
<td>Main indicator : 1/1 system (Unit 1), Temporary indicator : 1/1 system (Unit 2/3)</td>
</tr>
<tr>
<td>FPC skimmer surge tank level</td>
<td>Unit 2, 4 are the FPC skimmer surge tank level measured main indicator. Unit 1, 3 are the FPC skimmer surge tank level estimated from temporary pressure pages. (reference value)</td>
<td>Unit 2/4 Main indicator</td>
<td>Unit 1/2Main indicator</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Item</th>
<th>Contents</th>
<th>Status As of 06:00 on September 10</th>
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<tbody>
<tr>
<td>Instrument failure</td>
<td>Instrument failure : down of instrument reading (over) scale; failure of instrument</td>
<td>Unit 1 CAMS D/W radiation monitor Unit 2 Pressure in S/C, CAMS D/WI/ radiation monitor, CAMS S/C/B radiation monitor Unit 3 —</td>
</tr>
<tr>
<td>Not covered for collecting data</td>
<td>Unit 4: Monitoring is not implemented since all fuel are taken off. Unit 5/6: Monitoring is not implemented since heat removal of reactor is functioning</td>
<td>—</td>
</tr>
<tr>
<td>Continuously monitoring the status</td>
<td>Inaccurate data defined from relation with other Parameters such as negative figure.</td>
<td>Unit 1 Reactor water level/B Unit 2 Reactor water level, RPV bellow air temperature Unit 3 Reactor water level, reactor pressure, RPV bellow air temperature, CAMS D/W/IA radiation monitor</td>
</tr>
</tbody>
</table>