### Fukushima Daiichi Nuclear Power Plant Parameters

#### As of 06:00 on October 4

<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>Unit 1</td>
<td>Fresh water feeding Feed water system 3.6m³/h (as of 5000, 10/4)</td>
<td>Fuel range A: 1800 mm (as of 5000, 10/4)</td>
<td>System A: 0.012 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 74.3 ℃ (as of 5:00, 10/4)</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Fresh water feeding Feed water system 3.8m³/h, CS line 6.1m³/h (as of 5000, 10/4)</td>
<td>Fuel range B: 2000 mm (as of 5000, 10/4)</td>
<td>System B: 0.012 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 74.4 ℃ (as of 5:00, 10/4)</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Fresh water feeding Feed water system 2.4m³/h, CS line 8.0m³/h (as of 5000, 10/4)</td>
<td>Fuel range C: 2400 mm (as of 5000, 10/4)</td>
<td>System C: 0.012 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 86.7 ℃ (as of 5:00, 10/4)</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Fresh water feeding Feed water system 2.4m³/h, CS line 8.0m³/h (as of 5000, 10/4)</td>
<td>Fuel range D: 3000 mm (as of 5000, 10/4)</td>
<td>System D: 0.015 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 24.0 ℃ (as of 5:00, 10/4)</td>
</tr>
<tr>
<td>Unit 5</td>
<td>Receiving offsite power (P/C2C)</td>
<td>Stoppage range 1865mm (as of 6000, 10/4)</td>
<td>System A: 0.015 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 27.5 ℃ (as of 6:00, 10/4)</td>
</tr>
<tr>
<td>Unit 6</td>
<td>Receiving offsite power (P/C4D)</td>
<td>Stoppage range 2350mm (as of 6000, 10/4)</td>
<td>System B: 0.015 MPa g (as of 5000, 10/4)</td>
<td>Temperature in feed-water nozzle: 27.2 ℃ (as of 6:00, 10/4)</td>
</tr>
</tbody>
</table>

#### Other Information
- **Power source**: Receiving offsite power (P/C2C) (Unit 4)  
  Receiving offsite power (P/C4D) (Unit 5)
- **Others**:  
  - Unit 4 Oct. 3 8:54 am - 5:00 pm Secondary Coolant System for Spent Fuel Pool was stopped.  
  - 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)
# Fukushima Daiichi Nuclear Power Station  
**Supplemental explanation for the plant parameters**

## Supplemental explanation for each parameter

<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>
</tbody>
</table>
| Water level in the reactors   | Data measured by the water gauge, which monitor the fuel range | Main indicator | System A 1 / 1Ch  
System B 1 / 1Ch |
| Pressure in the reactor       | 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. | Unit1 / 2 Temporary  
Unit 3 Measures voltage value through the main indicator panel and converts them to the pressure. | Temporary indicator: 1 / 1 system  
Main System A 1 / 2Ch  
System B 1 / 2Ch |
| Temperature in the reactor    | Since there is no water inflow at the points, where thermometers are set, no data is collected. | — | — |
| Temperature around the reactor vessel | 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. | Main recorder | Point of Feed-water nozzle 1 / 4Ch  
reactor vessel bottom 1 / 2Ch (Unit 1)  
1 / 1Ch (Unit 2 / 3) |
| Pressure in D/W - S/C         | 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. (D/W : Dry Well, S/C : Suppression Chamber.) | (D/W)  
Unit 1:Main recorder  
Unit 2:Temporary  
Unit 3:Main instrument panel (converted from voltage)  
(S/C)  
Unit 1/2:Main indicator  
Unit 3 Main instrument panel (converted from voltage) | (D/W)  
Main recorder wide range 1 / 1Ch (Unit 1)  
Temporary indicator: 1 / 1 system (Unit 2)  
Main instrument panel 1 / 4Ch (Unit 3)  
(S/C)  
Main indicator 1 / 1system (Unit 1 / 2)  
Main instrument panel 1 / 2Ch (Unit 3) |
| D/W Atmospheric temperature   | 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) | Unit 1: Main instrument panel (converted from voltage)  
Unit 2/3: Main recorder | RPV Bellows Air 1 / 5Ch  
D/W HVH return 1 / 5Ch |
| CAMS radiation monitor        | Data from the instrument reading of main indicator. (CAMS : Containment Atmospheric Monitoring System) | Main indicator | D/W System A 1 / 1Ch  
System B 1 / 1Ch  
S/C System A 1 / 1Ch  
System B 1 / 1Ch |
| Temperature in S/C            | Data from the instrument reading of main recorder. One representing value is noted among multiple data on each System A, B. | Main recorder | System A1 / 4Ch (Unit 1)  
8Ch (Unit 2 / 3)  
System B1 / 4Ch (Unit 1)  
8Ch (Unit 2 / 3) |
| Temperature in the spent fuel pool | Data from the instrument reading or from the measurement reading of samples of main indicator and temporary insutment. (Non-thermal mode : Urgent Heat load Mode, SHC mode : Shut Down Cooling Mode) | Unit2/3:Main recorder  
Unit3/4:Temporary indicator | Main:1 / 1Ch (Unit 2)  
Temporary indicator: 1 / 1 system (Unit 1/3/4) |
| FPC skimmer surge tank level  | Unit2, 4 are the FPC skimmer surge tank level measured main indicator.  
Unit1, 3 are the FPC skimmer surge tank level estimated from temporary pressure gauges.(reference value) (FPC : Fuel Pool Cooling system) | Unit2/4:Main indicator  
Unit1/3:Temporary instrument (Pressure gauges) | Main indicator: 1 / 1system (Unit 2/4)  
Temporary instrument: 1 / 1system (Unit 1/3) |

## Supplemental explanation for notes

<table>
<thead>
<tr>
<th>Item</th>
<th>Contents</th>
<th>Status As Of 06:00 on October 4</th>
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</table>
| Instrument failure            | Instrument failure : down of instrument reading (over) scale / failure of instrument | Unit 1 CAMS D/W radiation monitor  
Unit 2 Pressure in S/C, CAMS D/W/B radiation monitor, CAMS S/C/B radiation monitor  
Unit 3 — |
| Not covered for collecting data | Unit4: Monitoring is not implemented since all fuel are takeoff  
Unit5/6: Monitoring is not implemented since heat removal of reactor is functioning | — |
| Continuously monitoring the status | Inaccurate Data defined from relation with other Parameters such as negative figure. | 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/A radiation monitor |