

Fukushima Dai-ichi Nuclear Power Station Major Parameters of the Plant (Data such as water level, pressure, temperature, etc.) (As of 2:00, April 25th)

| Unit No.                                             | Unit 1                                                                                                                              | Unit 2                                                                                                                                                                      | Unit 3                                                                                                                                                                       | Unit 4                                                                 | Unit 5                                                                                                   | Unit 6                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Situation of water injection to reactor              | Injecting fresh water via the Water Supply Line.<br>Flow rate of injected water : 6.0 m <sup>3</sup> /h<br>(As of 0:00, April 25th) | Injecting fresh water via the Fire Extinguish Line.<br>Flow rate of injected water : 7.0m <sup>3</sup> /h<br>(As of 0:00, April 25th)                                       | Injecting fresh water via the Fire Extinguish Line.<br>Flow rate of injected water: 6.8m <sup>3</sup> /h<br>(As of 0:00, April 25th)                                         | #2<br>(Out of monitoring scope as all fuels discharged from the core.) | #2<br>(Water injection is unnecessary as cooling function of the reactor cores are in normal operation.) |                                                                |
| Reactor water level                                  | Fuel range A : -1,700mm<br>Fuel range B : -1,700mm<br>(As of 0:00, April 25th)                                                      | Fuel range A : -1,500mm<br>Fuel range B : -2,100mm<br>(As of 0:00, April 25th)                                                                                              | Fuel range A:-1,850mm<br>Fuel range B:-2,250mm<br>(As of 0:00, April 25th)                                                                                                   |                                                                        | Shutdown range measurement 1,979mm<br>(As of 2:00, April 25th)                                           | Shutdown range measurement 2,237mm<br>(As of 2:00, April 25th) |
| Reactor pressure                                     | 0.440MPa g(A)<br>1.160MPa g(B) #3<br>(As of 0:00, April 25th)                                                                       | -0.020MPa g (A) #3<br>-0.027MPa g (D) #3<br>(As of 0:00, April 25th)                                                                                                        | -0.055MPa g (A) #3<br>-0.089MPa g (C) #3<br>(As of 0:00, April 25th)                                                                                                         |                                                                        | 0.003MPa g<br>(As of 2:00, April 25th)                                                                   | 0.016MPa g<br>(As of 2:00, April 25th)                         |
| Reactor water temperature                            | ( Collection Impossible due to low system flow rate )                                                                               |                                                                                                                                                                             |                                                                                                                                                                              |                                                                        | 46.8℃<br>(As of 2:00, April 25th)                                                                        | 39.9℃<br>(As of 2:00, April 25th)                              |
| Temperature related to Reactor Pressure Vessel (RPV) | Feedwater nozzle temperature: 137.7℃ #3<br>Temperature at the bottom head of RPV: 111.3℃<br>(As of 0:00, April 25th)                | Feedwater nozzle temperature: 122.9℃<br>Temperature at the bottom head of RPV: #1<br>(As of 0:00, April 25th)                                                               | Feedwater nozzle temperature: 74.6℃ #3<br>Temperature at the bottom head of RPV: 110.8℃<br>(As of 0:00, April 25th)                                                          |                                                                        | #2<br>(Monitoring water temperature in the reactor.)                                                     |                                                                |
| D/W*1 Pressure, S/C*2 Pressure                       | D/W: 0.155MPa abs<br>S/C: 0.155MPa abs<br>(As of 0:00, April 25th)                                                                  | D/W: 0.080MPa abs<br>S/C: #1<br>(As of 0:00, April 25th)                                                                                                                    | D/W: 0.1038MPa abs<br>S/C: 0.1787MPa abs<br>(As of 0:00, April 25th)                                                                                                         |                                                                        | #2<br>(Out of monitoring scope as cooling function of the reactor is maintained.)                        |                                                                |
| D/W*1 atmosphere temperature                         | RPV bellows seal: 114.0℃<br>Return line to HVH*6: 96.5℃<br>(As of 0:00, April 25th)                                                 | RPV bellows seal: #1<br>Return line to HVH*6: 113℃<br>(As of 0:00, April 25th)                                                                                              | RPV bellows seal: 124.3℃ #3<br>Return line to HVH*6: 67.8℃<br>(As of 0:00, April 25th)                                                                                       |                                                                        |                                                                                                          |                                                                |
| CAMS*3 radiation monitors                            | D/W (A) #1<br>(B) #1<br>S/C (A) 1.04×10 <sup>0</sup> Sv/h #3<br>(B) 1.74×10 <sup>0</sup> Sv/h #3<br>(As of 0:00, April 25th)        | D/W (A) 2.34×10 <sup>1</sup> Sv/h<br>(B) 2.63×10 <sup>1</sup> Sv/h<br>S/C (A) 4.93×10 <sup>-1</sup> Sv/h #3<br>(B) 1.19×10 <sup>2</sup> Sv/h #3<br>(As of 0:00, April 25th) | D/W (A) 1.48×10 <sup>1</sup> Sv/h<br>(B) 1.11×10 <sup>1</sup> Sv/h<br>S/C (A) 5.56×10 <sup>-1</sup> Sv/h #3<br>(B) 5.19×10 <sup>-1</sup> Sv/h #3<br>(As of 0:00, April 25th) |                                                                        |                                                                                                          |                                                                |
| S/C temperature                                      | A: 51.6℃<br>B: 51.5℃<br>(As of 0:00, April 25th)                                                                                    | A: 71.3℃<br>B: 71.6℃<br>(As of 0:00, April 25th)                                                                                                                            | A: 41.6℃<br>B: 41.6℃<br>(As of 0:00, April 25th)                                                                                                                             |                                                                        |                                                                                                          |                                                                |
| D/W*1 design operating pressure                      | 0.384MPa g(0.485MPa abs)                                                                                                            | 0.384MPa g(0.485MPa abs)                                                                                                                                                    | 0.384MPa g(0.485MPa abs)                                                                                                                                                     | -                                                                      | -                                                                                                        |                                                                |
| D/W*1 maximum operating pressure                     | 0.427MPa g(0.528MPa abs)                                                                                                            | 0.427MPa g(0.528MPa abs)                                                                                                                                                    | 0.427MPa g(0.528MPa abs)                                                                                                                                                     | -                                                                      | -                                                                                                        |                                                                |

|                       |                                            |                                     |                                             |                                                  |                                            |                                                                     |
|-----------------------|--------------------------------------------|-------------------------------------|---------------------------------------------|--------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------|
| Spent Fuel Pool water | #1                                         | 47.0℃<br>(As of 0:00, April 25th)   | #1                                          | #1                                               | 35.1℃<br>(As of 2:00, April 25th)          | 30.0℃<br>(As of 2:00, April 25th)                                   |
| FPC skimmer level     | 4,550mm<br>(As of 0:00, April 25th)        | 4,900mm<br>(As of 0:00, April 25th) | #1                                          | 4,250mm<br>(As of 0:00, April 25th)              | #2                                         |                                                                     |
| Power supply          | Receiving external power supply (P/C*4 2C) |                                     | Receiving external power supply (P/ C*4 4D) |                                                  | Receiving external power supply            |                                                                     |
| Other information     |                                            |                                     |                                             | Common pool: about 31 ℃ (As of 6:40, April 24th) | Unit5: SHC*5 mode (From 21:51, April 24th) | Unit6: Supplemental Fuel Pool Cooling mode (From 18:11, April 24th) |

Pressure conversion    Gauge pressure (MPa g) = Absolute pressure (MPa abs) – Atmospheric pressure (Normal atmospheric pressure 0.1013MPa)  
Absolute pressure (MPa abs) = Gauge pressure (MPa g) + Atmospheric pressure (Normal atmospheric pressure 0.1013MPa)

- \*1 D/W : Dry Well
- \*2 S/C : Suppression Chamber
- \*3 CAMS : Containment Atmospheric Monitoring System
- \*4 P/C : Power Center
- \*5 SHC : Shutdown Cooling
- \*6 HVH : Heating and Ventilating Handling Unit

- #1 : Measuring instrument malfunction
- #2 : Out of covering range for data collection
- #3 : Under monitoring of the change of the situation

[Note]

There is a possibility that some instruments may not indicate correct values as they have been exposed to the conditions beyond the usual atmospheric ones due to the earthquake and the developments of the event. Taking into account the uncertainty of those instruments, the plants' conditions are judged in an integrated manner paying attention to the trends of the change, using the information obtained through multiple instruments.