

Fukushima Dai-ichi Nuclear Power Station Major Parameters of the Plant (Data such as water level, pressure, temperature, etc.) (As of 0:00, May 11)

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. Flow rate of injected water : 8.0 m ³ /h (As of 23:00,May 10)	Injecting fresh water via the Fire Extinguish Line. Flow rate of injected water : 7.0m ³ /h (As of 23:00,May 10)	Injecting fresh water via the Fire Extinguish Line. Flow rate of injected water: 9.0m ³ /h (As of 23:00,May 10)	#2 (Out of monitoring scope as all fuels are discharged from the core.)	#2 (Water injection is unnecessary as cooling function of the reactor cores are in normal operation.)	
Reactor water level	Fuel range A :(the water level gauge is under calibrating) Fuel range B : -1,650mm (As of 23:00,May 10)	Fuel range A : -1,500mm Fuel range B : -2,100mm (As of 23:00,May 10)	Fuel range A:-1,750mm Fuel range B:-2,000mm (As of 23:00,May 10)		Shutdown range measurement 1,791mm (As of 0:00, May 11)	Shutdown range measurement 2,037mm (As of 0:00, May 11)
Reactor pressure	0.470MPa g(A) 1.283MPa g(B) #3 (As of 23:00,May 10)	-0.020MPa g (A) #3 -0.018MPa g (D) #3 (As of 23:00,May 10)	-0.081MPa g (A) #3 -0.091MPa g (C) #3 (As of 23:00,May 10)		0.003MPa g (As of 0:00, May 11)	0.016MPa g (As of 0:00, May 11)
Reactor water temperature	(Collection Impossible due to low system flow rate)				55.7℃ (As of 0:00, May 11)	27.7℃ (As of 0:00, May 11)
Temperature related to Reactor Pressure Vessel (RPV)	Feedwater nozzle temperature: 115.7℃ #3 Temperature at the bottom head of RPV: 94.1℃ (As of 23:00,May 10)	Feedwater nozzle temperature: 115.1℃ Temperature at the bottom head of RPV: #1 (As of 23:00,May 10)	Feedwater nozzle temperature: 218.7℃ #3 Temperature at the bottom head of RPV: 152.5℃ (As of 23:00,May 10)		#2 (Monitoring water temperature in the reactor.)	
D/W*1 Pressure, S/C*2 Pressure	D/W: 0.120MPa abs S/C: 0.105MPa abs (As of 23:00,May 10)	D/W: 0.060MPa abs S/C: #1 (As of 23:00,May 10)	D/W: 0.1020MPa abs S/C: 0.1841MPa abs (As of 23:00,May 10)		#2 (Out of monitoring scope as cooling function of the reactor is maintained.)	
D/W*1 atmosphere temperature	RPV bellows seal: 94.3℃ Return line to HVH*6: 89.0℃ (As of 23:00,May 10)	RPV bellows seal: #1 Return line to HVH*6: 110℃ (As of 23:00,May 10)	RPV bellows seal: 203.7℃ #3 Return line to HVH*6: 142.6℃ (As of 23:00,May 10)			
CAMS*3 radiation monitors	D/W (A) #1 (B) #1 S/C (A) 1.10×10 ⁰ Sv/h #3 (B) 1.10×10 ⁰ Sv/h #3 (As of 23:00,May 10)	D/W (A) 1.96×10 ¹ Sv/h (B) 2.21×10 ¹ Sv/h S/C (A) 3.72×10 ⁻¹ Sv/h #3 (B) 1.10×10 ² Sv/h #3 (As of 23:00,May 10)	D/W (A) 1.20×10 ¹ Sv/h (B) 9.05×10 ⁰ Sv/h S/C (A) 4.66×10 ⁻¹ Sv/h #3 (B) 4.33×10 ⁻¹ Sv/h #3 (As of 23:00,May 10)			
S/C temperature	A: 52.0℃ B: 51.8℃ (As of 23:00,May 10)	A: 66.4℃ B: 66.6℃ (As of 23:00,May 10)	A: 40.0℃ B: 40.1℃ (As of 23:00,May 10)	-	-	
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 temperature	#1	71℃ (As of 23:00,May 10)	#1	#1	39.4℃ (As of 0:00, May 11)	34.5℃ (As of 0:00, May 11)
FPC skimmer level	1,600mm (As of 23:00,May 10)	4,550mm (As of 23:00,May 10)	#1	6,300mm (As of 23:00, May 10)	#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	Unit1 : As for Fuel range A of Reactor water level, the water level gauge is under calibration (5/10 9:00～)			Common pool: 28 ℃ (6:30,May 10)	Unit5: SHC*5 mode (From 21:03, May 10)	Unit6: SHC*5 mode (From 10:04, May 10)

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.