

Fukushima Di-ichi Nuclear Power Station Major Parameters of the Plant (As of 14:00, March 27th)

Unit No.	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Situation of water injection	Injecting freshwater via the Water Supply Line. Flow rate of injected water : 120 ℓ/min (As of 15:37, March 25th) temporary measuring instrument	Injecting freshwater via the Fire Extinguish Line. Flow rate of injected water :270 ~280ℓ/min (As of 17:22, March 26th) temporary measuring instrument	Injecting freshwater via the Fire Extinguish Line. Flow rate of injected water: 220 ℓ/min (As of 18:00, March 26th) temporary measuring instrument	Under shutdown	Under shutdown	Under shutdown
Reactor water level	Fuel range A : -1,650mm Fuel range B : -1,600mm (As of 9:00, March 27th)	Fuel range A : -1,200mm (As of 9:00, March 27th)	Fuel range A:-1,900mm Fuel range B:-2,300mm (As of 10:10, March 27th)	#2	Shutdown range measurement 1,930mm (As of 14:00, March 27th)	Shutdown range measurement 2,035mm (As of 14:00, March 27th)
Reactor pressure	0.374MPa g(A) 0.416MPa g(B) (As of 9:00, March 27th)	-0.018MPa g (A) -0.020MPa g (B) (As of 9:00, March 27th)	0.032MPa g (A) -0.099MPa g (C) (As of 10:10, March 27th)	#2	0.007MPa g (As of 14:00, March 27th)	0.005MPa g (As of 14:00, March 27th)
Reactor water temperature	(Impossible collection due to low system flow rate)			#2	30.3℃ (As of 14:00, March 27th)	29.1℃ (As of 14:00, March 27th)
Reactor Pressure Vessel (RPV) temperature	Feedwater nozzle temperature: 224.8℃ Temperature at the bottom head of RPV: 143.4℃ (As of 9:00, March 27th)	Feedwater nozzle temperature: 123.6℃ Temperature at the bottom head of RPV: 111.2℃ (As of 9:00, March 27th)	Feedwater nozzle temperature: 13.6℃ (under survey) Temperature at the bottom head of RPV: 121.6℃ (As of 10:10, March 27th)	Unit 4 No heating element (fuel) inside the reactor Unit 5,6 Monitoring by the reactor water temperature		
D/W*1 Pressure, S/C*2 Pressure	D/W: 0.270MPa abs S/C: 0.270MPa abs (As of 9:00, March 27th)	D/W: 0.110MPa abs S/C:Down scale (under survey) (As of 9:00, March 27th)	D/W: 0.1076MPa abs S/C: 0.1806MPa abs (As of 10:10, March 27th)	#2		
CAMS*3	D/W: 3.46×10^1 Sv/h S/C: 2.22×10^1 Sv/h (As of 9:00, March 27th)	D/W: 4.16×10^1 Sv/h S/C: 1.41×10^0 Sv/h (As of 9:00, March 27th)	D/W: 3.37×10^1 Sv/h S/C: 1.31×10^0 Sv/h (As of 10:10, March 27th)	#2		
D/W*1 design operating pressure	0.384MPa g(0.485MPa abs)	0.384MPa g(0.485MPa abs)	0.384MPa g(0.485MPa abs)	#2		
D/W*1 maximum operating pressure	0.427MPa g(0.528MPa abs)	0.427MPa g(0.528MPa abs)	0.427MPa g(0.528MPa abs)	#2		
Spent Fuel Pool water	#1	67℃ (As of 9:00, March 27th)	#1	#1	37.8℃ (As of 14:00, March 27th)	21.0℃ (As of 14:00, March 27th)
FPC skimmer level	4,500mm (As of 9:00, March 27th)	5,750mm(under prow) (As of 9:00, March 27th)	#1	5,850mm (As of 10:10, March 27th)	#2	
Power supply	Receiving external power supply (P/C*4 2C)		Receiving external power supply (P/C4D)		Receiving external power supply	

Other information	Unit3: Collecting the data of RPV temperature and continuing survey for transitional situation Unit2: Confirmed the indicated value of S/C Pressure but continuing to survey the transition of condition	Common pool: about 39°C (As of 8:00, March 27th)
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Pressure conversion	$\text{Gauge pressure (MPa g)} = \text{Absolute pressure (MPa abs)} - \text{Atmospheric pressure (Normal atmospheric pressure 0.1013MPa)}$ $\text{Absolute pressure (MPa abs)} = \text{Gauge pressure (MPa g)} + \text{Atmospheric pressure (Normal atmospheric pressure 0.1013MPa)}$
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- *1 D/W : Dry Well
- *2 S/C : Suppression Chamber
- *3 CAMS : Containment Atmospheric Monitoring System
- *4 P/C : Power Center

- #1 : Measuring instrument malfunction
- #2 : Except from data collection