

The red words are revised due to the ' Incorrect data for pressure at Primary Containment Vessel of Unit1 ' which we announced on November 29.

Fukushima Daiichi Nuclear Power Station Plant Parameters

[Note]
Some indicators might not be functioning prc condition for usage affected by the earthquake. We comprehensively evaluate situation in plant information from indicators and also focusing of indicators into consideration.

As of 12:00 on November 5

Unit	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Status of water injection to the reactor	Fresh water feeding Feed water system 7.8m ³ /h (as of 11:00 , 11/5)	Fresh water feeding Feed water system 3.0m ³ /h, CS line 7.2m ³ /h (as of 11:00 , 11/5)	Fresh water feeding Feed water system 2.3m ³ /h, CS line 8.0m ³ /h (as of 11:00 , 11/5)		※2 (Heat removal c injection is unrec
Water level in the reactor	Fuel range A: Downscale Fuel range B:-1780 mm (as of 11:00 , 11/5)	Fuel range A: Downscale ※3 Fuel range B:-2107 mm ※3 (as of 11:00 , 11/5)	Fuel range A:-2136 mm ※3 Fuel range B:-2184 mm ※3 (as of 11:00 , 11/5)		Stoppage r 1828m (as of 12:00
Pressure in the reactor	System A:0.013 MPa g System B:-MPa g (as of 11:00 , 11/5)	System A:0.008 MPa g System B:-MPa g (as of 11:00 , 11/5)	System A:Downscale (A)※3 System B: Downscale (C)※3 (as of 11:00 , 11/5)		0.010 MP (as of 12:00
Water temperature of the reactor	(Since there is no water inflow in the system it is impossible to collect the data)				21.9 ℃ (as of 12:00
Temperature around the reactor vessel	Temperature in feed-water nozzle:46.0 ℃ Temperature at reactor vessel bottom:46.6 ℃ (as of 11:00 , 11/5)	Temperature in feed-water nozzle:69.6 ℃ Temperature at reactor vessel bottom:73.4 ℃ (as of 11:00 , 11/5)	Temperature in feed-water nozzle:63.4 ℃ Temperature at reactor vessel bottom:70.8 ℃ (as of 11:00 , 11/5)	※2 (Monitoring is unnecessary since all fuel are takeoff)	※2 (monitoring reactor)
Pressure in D/W · S/C	<u>D/W:0.1236 MPa abs*2</u> S/C:0.084 MPa abs (as of 11:00 , 11/5)	<u>D/W:0.109 MPa abs*</u> S/C: Downscale ※1 (as of 11:00 , 11/5)	D/W:0.1015 MPa abs S/C:0.1880 MPa abs (as of 11:00 , 11/5)		
D/W Atmosphere temperature	RPV bellow seal:47.6 ℃ HVH return:48.7 ℃ (as of 11:00 , 11/5)	RPV bellow seal:68.3 ℃ ※3 HVH return:74.8 ℃ (as of 11:00 , 11/5)	RPV bellow seal:81.5 ℃ ※3 HVH return:62.9 ℃ (as of 11:00 , 11/5)		
CAMS radiation monitor	D/W(A):1.00E-02Sv/h ※1 (B):2.15E+02Sv/h ※1 S/C(A):6.70E-01Sv/h (B):6.90E-01Sv/h (as of 11:00 , 11/5)	D/W(A):7.71E+00Sv/h ※1 (B):3.01E+00Sv/h ※1 S/C(A):8.00E-02Sv/h ※1 (B):3.44E+00Sv/h ※1 (as of 11:00 , 11/5)	D/W(A):3.26E+00Sv/h ※3 (B):2.21E+00Sv/h S/C(A):2.72E-01Sv/h (B):2.56E-01Sv/h (as of 11:00 , 11/5)		※2 (Monitoring is u reactor is functio
Temperature in S/C	System A:46.0 ℃ System B:46.0 ℃ (as of 11:00 , 11/5)	System A:53.5 ℃ System B:53.5 ℃ (as of 11:00 , 11/5)	System A:41.9 ℃ System B:42.1 ℃ (as of 11:00 , 11/5)		
Designed usable D/W pressure	0.384MPa g (0.485MPa abs)	0.384MPa g (0.485MPa abs)	0.384MPa g (0.485MPa abs)		
Designed usable D/W maximum pressure	0.427MPa g (0.528MPa abs)	0.427MPa g (0.528MPa abs)	0.427MPa g (0.528MPa abs)		
Temperature in the spent fuel pool	22.5 ℃ (as of 11:00 , 11/5)	26.0 ℃ (as of 11:00 , 11/5)	24.3 ℃ (as of 11:00 , 11/5)	32 ℃ (as of 11:00 , 11/5)	24.7 ℃ (as of 12:00
FPC skimmer surge tank level	4220mm (as of 11:00 , 11/5)	2960mm (as of 11:00 , 11/5)	5970mm (as of 11:00 , 11/5)	4020mm (as of 11:00 , 11/5)	
Power source	Receiving offsite power (P/C2C)		Receiving offsite power (P/C4D)		
Others	・ Unit 6: at 18:00 on Oct. 21, the water temperature of the reactor was revised as follows. Before Revision : 25.9℃ → After Revision : 24.1℃ *Data of Pressure in D/W of Unit 2 on 11/11 was corrected because it was incorrect. *2 Data of Pressure in D/W of Unit 1 on 11/29 was corrected because it was incorrect.			Temperature in the Common Spent Fuel Storage: 27℃ (as of 9:50 , 11/5)	5u : SHC r (from 10:46 ,

Pressure conversion Gauge pressure(MPa g) = Absolute pressure(MPa abs) - atmospheric pressure (normal atmospheric pressure0.1013 MPa)
 Absolute pressure(MPa abs) = Gauge pressure(MPa g) + atmospheric pressure (normal atmospheric pressure0.1013 MPa)

※1 : Ins
 ※2 : Nc
 ※3 : co

Fukushima Daiichi Nuclear Power Station Supplemental explanation for the plant parameters

■ Supplemental explanation for each parameter

Item	Recording manner	Measurement manner	Ch nu
Status of water injection to the reactor	Water inflow (CS line : Core Spray system)	Temporary	System 1 / 1
Water level in the reactors	Data measured by the water gauge, which monitor the fuel range	Temporary	System A 1 / 1 Ch System B 1 / 1 Ch
Pressure in the reactor	One representing value is noted among multiple data on each System A, B. Readings of temporary instruments are represented in A system for Unit 1 and 2.	Temporary	1 / 1 system (Unit 1) System A 1 / 2 Ch
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.	Temporary	Point of Feed-water reactor vessel bottom
Pressure in D/W · S/C	Data from temporary instrument. (D/W : Dry Well, S/C : Suppression Chamber)	Temporary	(D/W) wide range 1 / 1 Ch 1 / 1 system (Unit 2) 1 / 4 Ch (Unit 3) (S/C) 1 / 1 system (Unit 1, 1 / 2 Ch (Unit 3)
D/W Atmosphere 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)	Temporary	RPV Bellows Air D/W HVH return
CAMS radiation monitor	Data from temporary instrument. (CAMS : Containment Atmospheric Monitoring System)	Temporary	D/W System A 1 / 1 System B 1 / 1 S/C System A 1 / 1 System B 1 / 1
Temperature in S/C	Data from temporary instrument. One representing value is noted among multiple data on each System A, B.	Temporary	System A 1 / 4 Ch (Unit 1) System B 1 / 4 Ch (Unit 2)
Temperature in the spent fuel pool	Data from temporary instrument. (Non-thermal mode : Urgent Heat load Mode, SHC mode : Shut down Cooling Mode)	Temporary	1 / 1 Ch (Unit 2) 1 / 1 system (Unit 1)
FPC skimmer surge tank level	<ul style="list-style-type: none"> • Unit2, 4 are the FPC skimmer surge tank level measured temporary instrument. • Unit1, 3 are the FPC skimmer surge tank level estimated from temporary pressure gages.(reference value) (FPC : Fuel Pool Cooling system) 	Temporary	1 / 1 system

■ Supplemental explanation for notes

Item	Contents	Status As of 12:00 on Nov 11
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 D/W(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 te CAMS D/W(A) radiation monitor
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properly beyond the normal
 earthquake and subsequent events.
 Plants using all the available
 information on trends, taking uncertainty

5	Unit 6
of the reactor is functioning. Water necessary)	
range m , 11/5)	Stoppage range 2085mm (as of 12:00, 11/5)
Pa g , 11/5)	0.016 MPa g (as of 12:00, 11/5)
°C , 11/5)	23.4 °C (as of 12:00, 11/5)
through water temperature of the	
-	
necessary since heat removal of (mining.)	
-	
°C , 11/5)	24.5 °C (as of 12:00, 11/5)
※2	
Receiving offsite power	
mode , 10/26)	6u : SHC mode (from 11:16, 11/2)

Instrument failure
 Not covered for collecting data
 continuously monitoring the status

umber or number of systems
1/2) System B 1 / 2Ch (Unit 3)
nozzle 1 / 4Ch m 1 / 2Ch (Unit 1) 1 / 1Ch (Unit 2/3)
(Unit 1) 2)
/2)
1 / 5Ch 1 / 5Ch
1 / 1Ch 1 / 1Ch 1 / 1Ch 1 / 1Ch
Unit 1) , 8Ch (Unit 2/3) Unit 1) , 8Ch (Unit 2/3)
1/3/4)

umber 5
1S S/C(B) radiation monitor

temperature.