## Fukushima Daiichi Nuclear Power Station Plant Parameters

As of 11:00 on May 25 2021

## [Note]

Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events. We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.

Status of varter   FDW line : 3.1		Unit 1	Unit 2	Unit 3	Unit 4
Passed   Las of 1100, 5/25	Status of water				
CESSEL BOTTOM-HEAD   CTE-23-69-801   1   20 8 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-23-69-801   1   20 8 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-23-69-801   1   20 8 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-23-69-801   23 3 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-23-69-801   23 3 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-23-69-801   23 0 ° C   VESSEL WALL ABOVE BOTTOM HEAD   CTE-2		CS line: 0.0 m³/h	CS line: 1.5 m³/h	CS line: 1.5 m³/h	1
CTE-263-69L1)	reactor	(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	1
Temperature at the bottom of RPV	the bottom of	VESSEL BOTTOM HEAD			1
The bottom of   RPV   Personal Control   Personal Control   RPV   Per		(TE-263-69L1): 20.8 ℃	VESSEL WALL ABOVE BOTTOM HEAD	VESSEL BOTTOM ABOVE SKIRT JOT	ı
The bottom of   CTE-263-69H1)   20.3 °C   RPV TEMPERATURE   CTE-26-69H1)   22.2 °C   (as of 1100.5/25)		VESSEL ABOVE SKIRT JOINT	(TE-2-3-69H3) : 25.1 °C	(TE-2-3-69F1): 23.3 ℃	1
CTE-28-68622   20.3 °C		(TE-263-69H1) : 20.3 ℃	RPV TEMPERATURE	VESSEL WALL ABOVE BOTTOM HEAD	1
Las of 1100, 5/25   Repure Air   Return Air Drywell Cooler   Return Air Drywell Cool		VESSEL DOWN COMMER	(TE-2-3-69R) : 26.7 °C	(TE-2-3-69H1) : 22.2 °C	1
HVH-H2A RETURN AIR   RETURN AIR DRYWELL COLER   TE-1625A): 20.3 °C   TE-16-114B): 25.6 °C   TE-16-114AB: 24.1 °C   SUPPLY AIR DW COOLER HVH-2-16B   TE-1625F): 20.3 °C   TE-16-114GH: 25.1 °C   TE-16-114GH: 22.0 °C   TE-16-114GH:		(TE-263-69G2) : 20.3 °C	(as of 11:00, 5/25)	(as of 11:00, 5/25)	1
Temperature in PCV in P		(as of 11:00, 5/25)			1
Temberature in PCV   Pressure in PCV   Pressur		HVH-12A RETURN AIR	RETURN AIR DRYWELL COOLER	RETURN AIR DRYWELL COOLER	ı
FOV   HVH-12A SUPLY ARI D.W. COLLEN HVH2-16B   CTE-16-1145#1): 20.0 °C   (as of 11.00.5/25)		(TE-1625A) : 20.3 °C	(TE-16-114B) : 25.6 ℃	(TE-16-114A) : 24.1 ℃	1
TE-16/25F) : 20.3 °		HVH-12A SUPPLY AIR	SUPPLY AIR D/W COOLER HVH2-16B	SUPPLY AIR D/W COOLER	ı
Pressure in PCV   (as of 11:00, 5/25)   (a		(TE-1625F): 20.3 ℃	(TE-16-114G#1) : 25.1 ℃	(TE-16-114F#1) : 22.0 °C	ı
Fressure in PCV   Ias of 11:00,5/25   Ias of		(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	ı
Rev rate of		0.14 kPag	2.73 kPag	0.43 kPa g	
Flow rate of nitrogen gas or nitrogen gas injection to Reactors	Pressure in PCV	(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	
Nitrogen gas injection to Reactors   (JP-A) : 15.06   Nitr/h   RPV-B : 6.87   Nitr/h   PCV : - Nitr/h   RPV-B : 8.70   Nitr/h   PCV : - Nitr/h   RPV-B : 8.70   Nitr/h   RPV		RPV (RVH-A) : - Nm³/h			ı
Injection to Reactors   GuP-B  : - Nm²/h		(RVH-B) : 15.39 Nm³/h	RPV-A: 6.73 Nm³/h	RPV-A: 8.26 Nm³/h	ı
Reactors   (JP-B) : - Nm²/h   w4   PCY : - Nm²/h   w4   (as of 11:00, 5/25)   (as of 1		(JP-A) : 15.06 Nm³/h	RPV-B: 6.87 Nm³/h	RPV-B: 8.70 Nm³/h	ı
Redicactive concentration in PCV (x 1 35)   X2		(JP-B) : - Nm³/h	PCV: - Nm³/h *4	PCV: - Nm <sup>1</sup> /h	ı
Outlet flow from PCV gas control system         18.6 m²/h         25.32 Nm²/h         22.18 Nm²/h           Hydrogen concentration in PCV ¾1         System A: 0.00 vol%         System A: 0.12 vol%         System A: 0.15 vol%           System B: 0.00 vol% (as of 11:00, 5/25)         System B: 0.11 vol%         System A: 0.15 vol%           Radioactive concentration in PCV (Xe 135)         System A: 0.12 vol%         System A: 0.15 vol%           Radioactive concentration in PCV (Xe 135)         System A: 0.12 vol%         System A: 0.15 vol%           System A: 0.11 vol% (as of 11:00, 5/25)         System A: 0.14 vol%         System A: 0.15 vol%           System A: 0.11 vol% (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System A: 0.15 vol%         System B: 0.14 vol%           (as of 11:00, 5/25)         System B: 0.14 vol%         System B: 0.14 vol%           (as of 11:00, 5/25	*3	PCV: - Nm³/h	(as of 11:00, 5/25)	(as of 11:00, 5/25)	1
PCV gas control   System A :   0.00   vol%   System A :   0.12   vol%   System A :   0.15   vol%   System B :   0.14   vol%   (as of 11:00, 5/25)   (as		(as of 11:00, 5/25)			
System   (as of 11:00, 5/25 )   (as of 11:0	Outlet flow from	18.6 m³/h	25.32 Nm³/h	22.18 Nm³/h	
Hydrogen concentration in PCV     System A :   0.00   vol%   System A :   0.12   vol%   System A :   0.15   vol%   System B :   0.00   vol%   (as of 11:00, 5/25)   (as of 11:		(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	1
concentration in PCV %11         System B: 0.00 vol% (as of 11:00, 5/25)         System B: 0.11 vol% (as of 11:00, 5/25)         System B: 0.14 vol% (as of 11:00, 5/25)           Radioactive concentration in PCV (Xe 135) %22         System A: indicated value 1.02E-03 gd/cm² detection limit 3.90E-04 Bd/cm² detection limit 3.30E-04 Bd/cm² detection limit 3.30E-04 Bd/cm² detection limit 3.30E-04 Bd/cm² detection limit - Bd/cm² with detection limit - Bd/cm² wit		System A: 0.00 vol%	System A: 0.12 vol%	System A: 0.15 vol%	1
Radioactive concentration in PCV (Xe 135)   System B:   indicated value   1.08E-03   detection limit   3.30E-04   so f 11:00, 5/25     System B:   indicated value   1.00E-03   detection limit   3.30E-04   so f 11:00, 5/25     System B:   indicated value   ND   detection limit   2.0E-01   Bq/cm²   detecti		System B: 0.00 vol%		System B: 0.14 vol%	1
Radioactive concentration in PCV (Xe 135)   %32   %390E-04   %39	PCV %1		(as of 11:00, 5/25)	(as of 11:00, 5/25)	1
System B   System Syste	concentration in PCV (Xe 135)	System A:	System A:	System A:	1
System B   System Syste		indicated value 1.02E-03	" randated rando	La Caracia	1
PCV (Xe 135)		detection limit 3.90E-04	detection limit 1.3E-01	detection limit 2.0E-01	1
**2   indicated value   1.08E-03   Bq/cm²   detection limit   3.30E-04   Bq/cm²   detection limit   - Bq/cm²   **7   de		ISVSTEM B.	System B:	System B:	1
Control   Cont		indicated value 1.08E-03	indicated value - Ra/am³ %7	indicated value - Ra/am³ **7	1
Temperature in the spent fuel pool         26.5 °C         25.3 °C         20.7 °C         - °C         **5           (as of 11:00, 5/25)         (as of 11:00, 5/25)         (as of 11:00, 5/25)         (as of 11:00, 5/25)           FPC skimmer         2.31 m         3.67 m         67.3 ×100mm		detection limit 3.30E-04	detection limit - Bq/CIII %7	detection limit - 397 cm *7	ı
the spent fuel pool (as of 11:00, 5/25)		(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	i
pool         (as of 11:00, 5/25)         (as of 11:00, 5/25)         (as of 11:00, 5/25)           FPC skimmer         2.31 m         3.31 m         3.67 m         67.3 ×100mm		26.5 ℃	25.3 ℃	20.7 ℃	- ℃ ※5
a was family and		(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)
surge tank level (as of 11:00, 5/25) (as of 11:00, 5/25) (as of 11:00, 5/25)	FPC skimmer	2.31 m	3.31 m	3.67 m	67.3 ×100mm
	surge tank level	(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)	(as of 11:00, 5/25)

[Information about measurements]

<sup>\*1:</sup> In case that the instrument indicates minus hydrogen density, "0%" is recorded. (Because there's the possibility of minus indication due to the instrumental precision when hydrogen density is very low.)
The hydrogen concentration in the PCV gas control system is provided.

<sup>\*\*2 :</sup> In case that the instrument reading is below measurable limit, "ND" is recorded. The radioactivity density (Xe135) in the PCV gas control system is provided.

<sup>\*3:</sup> Flow rate values are adjusted according to the temperature and the pressure under usage conditions.

<sup>\*4 :</sup> Nitrogen gas injection is under suspension.

<sup>%5:</sup> The primary coolant pump in the Unit 4 spent fuel pool is now stopped operation

<sup>%6:</sup> The reactor injection water flow rate is changed due to work in progress

<sup>※7:</sup> Data missing due to work interrupting the measurement.