## Fukushima Dajichi Nuclear Power Station Plant Parameters

As of 11:00 on March 24 2019

## [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 water   DM line : 1.4   m1/h     Silne : 1.3   m1/h     Silne : 1.5   m1/h   Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Silne : 1.5   m1/h     Si		Unit 1	Unit 2	Unit 3	Unit 4
President   See of 11/0.0, 3/24     See of 11/0.0, 3	Status of water	FDW line: 1.4 m³/h	FDW line: 1.3 m³/h	FDW line: 1.5 m³/h	
VESSEL BOTTOM HEAD   VESSEL BOTTOM HEAD   VESSEL BOTTOM HEAD   VESSEL BOTTOM HEAD   VESSEL BOTTOM ABOVE SKIRT JOT   TEZ-26-99H1): 15.0 °C   TEZ-26-99H3): 19.9 °C   TEZ-26-99H1): 18.7 °C   TEZ-26-99H1): 18.7 °C   TEZ-26-99H3): 19.7 °C   TEZ-26-99H3: 19.7 °C   TEZ-26-		· ·		· ·	
Circ-263-69L1): 150 C   VESSEL WALL ABOVE BOTTOM HEAD   VESSEL BOTTOM ABOVE SKRT JOT   Circ-2-69H3): 14.9 °C   Circ-2-69H3): 14.9 °C   RPV TEMPERATURE   Circ-263-69H1): 14.9 °C   RPV TEMPERATURE   Circ-263-69H1): 14.9 °C   RPV TEMPERATURE   Circ-263-69H1): 14.7 °C   Circ-2-69H1): 17.7 °C   Circ-2-7-69H1): 17.7 °C	reactor		(as of 11:00, 3/24)	(as of 11:00, 3/24)	
Temperature at   Vessel ABOVE SIKIT JOINT   The bottom of RPV   Temperature in PCV   February   Temperature in PCV   February   Fe	the bottom of	· · · · - · · · - · · -			
The bottom of RPV   The Pottom of RPV   The		1 -			
PPV   VESSEL DOWN COMMER   (TE-23-69R) : 19.7 °C   (TE-23-69H) : 17.2 °C   (as of 1100, 3/24)   (as of 1100, 3/2					
Control   Cont					
Las of 11:00.3/24   HVH-12A RETURN AIR DRYWELL COLER   TE-16-114B)   2.9 ° C   TE-16-114B)   18.6 ° C   TE-16-114B   TE-16B   TE-16-114B   TE-16B   TE-16-114B   TE-16B					
HVH-12A RETURN AIR			(as of 11:00, 3/24)	(as of 11:00, 3/24)	
Temperature in PCV   P		· · · · · · · · · · · · · · · · · · ·			
Fermitter in PCV   Form   Fo					
Pressure in PCV   HVP-12A SUPPLY AIR   SUPPLY AIR (VICE-162SF) : 14,8 °C   (TE-16-114G#1) : 20.3 °C   (TE-16-114G#1) : 17.0 °C   (as of 11:00, 3/24)   (	Temperature in				
Fressure in PCV		[ · · · · · · · · · · · · · · · · · · ·			
Pressure in PCV   0.56   kPa g   (as of 11:00, 3/24)   (as of 11			,		
Pressure in PcV   (as of 11:00, 3/24)   (a					_
Rev (RVH)   13.83 Nm²/h	Pressure in PCV		9	9	
Flow rate of nitrogen gas injection to Reactors   Review of the control system   Review of the concentration in PCV   Review of the system   Review of the concentration in PCV (Xe 135)   Xestem A : indicated value   1.23E-03   Review of the spent fuel pool   Review of the spent fuel pool   Review of the spent fuel pool   Review of the control system   Review of the co			(as of 11:00, 3/24)	(as of 11:00, 3/24)	
Nitrogen gas   C(P-B) : - Nmi/h   PCV : - Nmi/h   Reactors   Rea					
Comparison to Reactors   Signature   Sig		1 1 7 1 7	1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
Count of the concentration in PCV (Xe 135)   Xester B :   Indicated value   System B :   Indicated value			1 - 1		
Outlet flow from PCV gas control system         20.4 m²/h         15.00 Nm²/h         16.59 Nm²/h           Hydrogen concentration in PCV ※1         System A: 0.00 vol%         System A: 0.06 vol%         System A: 0.10 vol%           Hydrogen concentration in PCV ※1         System A: 0.00 vol%         System B: 0.05 vol%         System B: 0.08 vol%           System B: 0.00 vol%         System B: 0.05 vol%         System B: 0.08 vol%           (as of 11:00, 3/24)         System A: indicated value 8.70E-04 detection limit 3.80E-04         System A: indicated value ND detection limit 1.5E-01         System B: indicated value ND detection limit 2.3E-03 detection limit 3.40E-04         System B: indicated value ND detection limit 1.4E-01         System B: indicated value ND detection limit 2.3E-01         Bq/cm² detection limit 2.3E-01           Temperature in the spent fuel pool         19.2 °C         19.1 °C         18.3 °C         15.6 °C           FPC skimmer         3.67 m         4.39 m         4.50 m         4.50 m         41.77 ×100mm	Reactors %3		(as of 11:00, 3/24)	(as of 11:00, 3/24)	
PCV gas control system   (as of 11:00, 3/24)   (as of 11:00, 3/2			1.5.0		
System   (as of 11:00, 3/24)   (as of 11:0		1 20, <del></del> III/II	15.00 Nm³/h	16.59 Nm³/h	
Concentration in   PCV		(as of 11:00, 3/24)	(as of 11:00, 3/24)	(as of 11:00, 3/24)	
PCV **1	Hydrogen	System A: 0.00 vol%	System A: 0.06 vol%	System A: 0.10 vol%	
Radioactive concentration in PCV (Xe 135)   %2   %2   %2   %2   %2   %2   %3   %3	concentration in	System B: 0.00 vol%	System B: 0.05 vol%	System B: 0.08 vol%	
Radioactive concentration in PCV (Xe 135)   %2   System B :   indicated value   1.23E-03   detection limit   3.40E-04   System B :   indicated value   ND   detection limit   3.40E-04   System B :   indicated value   ND   detection limit   3.40E-04   System B :   indicated value   ND   detection limit   3.40E-04   System B :   indicated value   ND   detection limit   3.40E-04   detection limit   3.40E-04   detection limit   3.40E-04   detection limit   3.40E-04   detection limit   3.40E-01   Bq/cm²   detection limit   2.3E-01   Bq/cm²   detection limit   2.3E		(as of 11:00, 3/24)	(as of 11:00, 3/24)	(as of 11:00, 3/24)	
Concentration in PCV (Xe 135)   System B :   System B :   System B :   indicated value   1.23E-03   detection limit   3.40E-04   detection limit   1.4E-01   Bq/cm³   detection limit   2.3E-01	concentration in PCV (Xe 135)	System A:	System A:	System A:	
Concentration in PCV (Xe 135)   System B :   System B :   System B :   indicated value   1.23E-03   detection limit   3.40E-04   detection limit   1.4E-01   Bq/cm³   detection limit   2.3E-01		indicated value 8.70E-04			
PCV (Xe 135)       System B : indicated value detection limit 3.40E-03 detection limit 3.40E-04       System B : indicated value ND detection limit 1.4E-01       System B : indicated value ND detection limit 2.3E-03 detection limit 2.3E-01       System B : indicated value ND detection limit 2.3E-01         Temperature in the spent fuel pool       19.2 °C       19.1 °C       18.3 °C       15.6 °C         FPC skimmer       3.67 m       4.39 m       4.50 m       41.7 ×100mm		GCCCCCOT IIITIIC G.GGE G T	detection limit 1.5E-01	detection limit 2.3E-01	
**2   indicated value   1,23E-03   Bq/cm²   detection limit   3,40E-04   Bq/cm²   detection limit   1,4E-01   Bq/cm²   detection limit   2,3E-01   detection limit		System B.	System B:	System B:	
(as of 11:00, 3/24)       (as of 11:00, 3/24)       (as of 11:00, 3/24)         Temperature in the spent fuel pool       19.2 °C       19.1 °C       18.3 °C       15.6 °C         (as of 11:00, 3/24)       (as of 11:00, 3/24)       (as of 11:00, 3/24)       (as of 11:00, 3/24)         FPC skimmer       3.67 m       4.39 m       4.50 m       41.7 ×100mm		indicated value 1.23E-03	Ha/cm <sup>2</sup>	Ba/cm <sup>2</sup>	
Temperature in the spent fuel pool         19.2 °C         19.1 °C         18.3 °C         15.6 °C           FPC skimmer         3.67 m         4.39 m         4.50 m         41.7 ×100mm		detection limit 3.40E-04 DG/CIII	detection limit 1.4E-01	detection limit 2.3E-01	
the spent fuel pool (as of 11:00, 3/24)		(as of 11:00, 3/24)	(as of 11:00, 3/24)	(as of 11:00, 3/24)	
pool         (as of 11:00, 3/24)         (as of 11:00, 3/24)         (as of 11:00, 3/24)           FPC skimmer         3.67 m         4.39 m         4.50 m         41.7 ×100mm		19.2 ℃	19.1 ℃	18.3 ℃	15.6 ℃
FPC skimmer   3.67 m   4.39 m   4.50 m   41.7 ×100mm	· ·	(as of 11:00 , 3/24 )	(as of 11:00 , 3/24 )	(as of 11:00 , 3/24 )	(as of 11:00 . 3/24 )
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
surge tank level (as of 11:00, 3/24) (as of 11:00, 3/24) (as of 11:00, 3/24)					

[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>32:</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.

¾4 : Nitrogen gas injection is under suspension.