Fukushima Daiichi Nuclear Power Station Plant Parameters

As of 5:00 on June 18 2012

[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.

reactor (as of 500, 6/18) (as of 500, 6/18) (as of 500, 6/18) Temperature at the bottom of RPV VESSEL BOTTOM HEAD (TE-236-96H1) : 34,1C (TE-23-69H2) : 475C (TE-23-69H1) : 35,1'C (TE-23-69H1) : 35,1'C (TE-23-69H1) : 35,1'C (TE-23-69H1) : 34,3'C (TE-23-69H1) : 37,6'C (as of 500, 6/18) VESSEL BOTTOM HEAD (TE-23-69H1) : 37,6'C (as of 500, 6/18) Temperature in PCV NVH-12A RETURN AR (TE-1625A) : 254.C' (TE-1625A) : 254.C' (TE-1625A) : 254.C' (TE-16-114B) : 48,9'C SUPPLY AR D/W COOLER (TE-1625A) : 254.C' (TE-16-114B) : 48,9'C SUPPLY AR D/W COOLER (TE-1625A) : 254.C' (TE-16-114B) : 48,9'C SUPPLY AR D/W COOLER (TE-16-114F#1) : 46,0'C (as of 500, 6/18) RETURN AR DRYWELL COOLER (TE-16-114F#1) : 44,6'C (TE-16-114F#1) : 46,0'C (as of 500, 6/18) RETURN AR DRYWELL COOLER (TE-16-114F#1) : 46,0'C (as of 500, 6/18) ObsGkPa abs (as of 500, 6/18) 627KPa g (as of 500, 6/18) RETURN AR DRYWELL (TE-16-114F#1) : 46,0'C (as of 500, 6/18) Prov rate of nitrogen gas processore in PCV (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) Flow rate of nitrogen gas processore in PCV (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) Flow rate of nitrogen gas processore in RCV (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) RPV: 16,0'Nm/h (as of 500, 6/18) Flow rate of nitrogen gas processore in RCV (XE 325) System A : 0.05vol% (as of 500, 6/18) System A : 0.18vol% (as of 500, 6/18)	Unit	Unit 1	Unit 2	Unit 3	Unit 4
Temperature at the bottom of RPV (TE-263-69L1): 34.1°C VESSEL ABOVE SKIRT JONT (TE-263-69H1): 34.9°C VESSEL DOWNCOMMER (TE-263-69H1): 34.9°C VESSEL DOWNCOMMER (TE-263-69H1): 34.9°C (TE-263-69H1): 34.9°C (TE-263-69H1): 34.8°C VESSEL BOUTOM ABOVE SKIRT JOT (TE-2-3-69H1): 48.3°C VESSEL WALL ABOVE SKIRT JOT (TE-2-3-69H1): 48.3°C VESSEL WALL ABOVE SKIRT JOT (TE-2-3-69H1): 48.3°C VESSEL WALL ABOVE SKIRT JOT (TE-2-3-69H1): 37.6°C (as of 500, 6/18) (TE-2-3-69H1): 37.6°C (as of 500, 6/18) Temperature in PCV HVH-12A SETURN AIR (TE-1625A): 35.4°C (TE-16-114B): 48.9°C RETURN AIR DRYWELL COOLER (TE-16-114A): 44.4°C SUPPLY AIR DW COOLER (TE-16-114AF1): 44.0°C (as of 500, 6/18) RETURN AIR DRYWELL COOLER (TE-16-114AF1): 44.0°C (as of 500, 6/18) - Pressure in PCV (as of 500, 6/18) 1065kPa abs (as of 500, 6/18) 627kPa g (as of 500, 6/18) 025kPa g (as of 500, 6/18) - Prov : 100, Mi/h PCV : 22,0Nmi/h (as of 500, 6/18) RPV: 16,0Nmi/h (as of 500, 6/18) RPV: 16,Nmi/h (as of 500, 6/18) - Flow rate of nitrogen as concentration in PCV : 32,0Nmi/h (as of 500, 6/18) RPV: 16,0Nmi/h (as of 500, 6/18) RPV: 16,0Nmi/h (as of 500, 6/18) RPV: 16,0Nmi/h (as of 500, 6/18) - Radioactive pool System A : 0.05vol% System B : 0.34vol% (as of 500, 6/18) System B : 0.34vol% (as of 500, 6/18) System B : 0.17vol% (as of 500, 6/18) - Radioactive pool System B : 227E-03Bq/cc (as of 500, 6/18) 25.0°C (as of 500, 6/18) 23.9°C	injection to the	CS line 2.0m³/h	CS line 5.3m³/h	CS line 5.0m³/h	
Temperature in PCV (TE-1625A) : 35.4°C HVH-12A SUPPLY AIR (TE-1625F) : 34.1°C (as of 5:00, 6/18) (TE-16-114B) : 48.9°C SUPPLY AIR D/W COOLER (TE-16-114F#1) : 46.0°C (as of 5:00, 6/18)	Temperature at the bottom of RPV	(TE-263-69L1) : 34.1℃ VESSEL ABOVE SKIRT JOINT (TE-263-69H1) : 34.9℃ VESSEL DOWNCOMMER (TE-263-69G2) : 33.8℃	(TE-2-3-69H3) : 47.5°C VESSEL BOTTOM ABOVE SKIRT JOT (TE-2-3-69F2) : 48.7°C	(TE-2-3-69L1) : 53.1℃ VESSEL BOTTOM ABOVE SKIRT JOT (TE-2-3-69F1) : 48.3℃ VESSEL WALL ABOVE BOTTOM HEAD (TE-2-3-69H1) : 37.6℃	
Pressure in PCV (as of 5:00, 6/18) (as of 5:00, 6/18) (as of 5:00, 6/18) Flow rate of nitrogen gas injection to Reactors RPV : 14.1Nm²/h PCV : 22.0Nm²/h (as of 5:00, 6/18) RPV : 16.0Nm²/h PCV : 18Nm²/h (as of 5:00, 6/18) Hydrogen concentration in PCV %33 System A : 0.00vol% (as of 5:00, 6/18) System A : 0.035vol% (as of 5:00, 6/18) System A : 0.035vol% (as of 5:00, 6/18) Radioactive concentration in PCV %33 System A : 2.26E-03Bq/cc (as of 5:00, 6/18) - - Imperature in the spent fuel pool 23.5°C (as of 5:00, 6/18) 25.0°C (as of 5:00, 6/18) 23.9°C (as of 5:00, 6/18) 31°C (as of 5:00, 6/18) FPC skimmer 2.25m 3.48m 5.49m 5.49m 61.18×100mm	Temperature in PCV	(TE-1625A) ∶ 35.4℃ HVH-12A SUPPLY AIR (TE-1625F) ∶ 34.1℃	(TE-16-114B) : 48.9℃ SUPPLY AIR D/W COOLER (TE-16-114G#1) : 47.0℃	(TE-16-114A) ∶ 44.4℃ SUPPLY AIR D/W COOLER (TE-16-114F#1) ∶ 46.0℃	
nitrogen gas injection to ReactorsHPV: 14.1Nm/h PCV: 22.0Nm/h (as of 5:00, 6/18)HPV: 16.0Nm/h PCV: 5.0Nm/h (as of 5:00, 6/18)HPV: 16.0Nm/h PCV: 18Nm/h (as of 5:00, 6/18)Hydrogen concentration in PCV %3System A: 0.00vol% System B: 0.00vol% (as of 5:00, 6/18)System A: 0.35vol% System B: 0.34vol% (as of 5:00, 6/18)System A: 0.18vol% System B: 0.17vol% (as of 5:00, 6/18)Radioactive PCV %3System A: 2.26E-03Bq/cc (as of 5:00, 6/18)Radioactive poolSystem B: 2.27E-03Bq/cc (as of 5:00, 6/18)Temperature in the spent fuel pool23.5°C (as of 5:00, 6/18)25.0°C (as of 5:00, 6/18)23.9°C (as of 5:00, 6/18)31°C (as of 5:00, 6/18)FPC skimmer2.25m3.48m5.49m5.49m61.18×100mm	Pressure in PCV				
concentration in PCV %3 System B : 0.00vol% (as of 5:00, 6/18) System B : 0.34vol% (as of 5:00, 6/18) System B : 0.17vol% (as of 5:00, 6/18) Radioactive concentration in PCV (Xe 135) System A : 2.26E-03Bq/cc (as of 5:00, 6/18) - </td <td>nitrogen gas injection to</td> <td>PCV:22.0Nm³/h</td> <td>PCV: 5.0Nm³/h</td> <td>PCV:18Nm³/h</td> <td></td>	nitrogen gas injection to	PCV:22.0Nm³/h	PCV: 5.0Nm ³ /h	PCV:18Nm³/h	
concentration in PCV (Xe 135) System B : 2.27E-03Bq/cc (as of 5:00, 6/18) - - - - - Temperature in the spent fuel pool 23.5°C (as of 5:00, 6/18) 25.0°C (as of 5:00, 6/18) 25.0°C (as of 5:00, 6/18) 31°C (as of 5:00, 6/18) 31°C (as of 5:00, 6/18) FPC skimmer 2.25m 3.48m 5.49m 61.18×100mm	concentration in	System B : 0.00vol%	System B : 0.34vol%	System B : 0.17vol%	
the spent fuel pool 23.5 C (as of 5:00, 6/18) 25.0 C (as of 5:00, 6/18) 23.9 C (as of 5:00, 6/18) 31 C (as of 5:00, 6/18) FPC skimmer 2.25m 3.48m 5.49m 61.18×100mm	concentration in	System B : 2.27E-03Bq/cc	-	_	
FPC skimmer 2.25m 3.48m 5.49m 61.18×100mm	the spent fuel				
	FPC skimmer				

[Information about measurements]

*1 : Instrument failure
*2 : Continuously monitoring the status (Meters which showed some fluctuation in the records but were not concluded as malfunction and of which the transition of the records are under observation.)

*3 : 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.)