Fukushima Daiichi Nuclear Power Station　Plant Parameters

As of 11:00 on May 19 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.

	Unit 1	Unit 2	Unit 3	Unit 4
Status of water injection to the reactor	FDW line： 3.0 ㎥/h ※6 CS line： 0.0 ㎥/h ※6 (as of 11:00 , 5/19)	FDW line： 1.5 ㎥/h CS line： 1.5 ㎥/h (as of 11:00 , 5/19)	FDW line： 1.5 ㎥/h CS line： 1.5 ㎥/h (as of 11:00 , 5/19)	
Temperature at the bottom of RPV	VESSEL BOTTOM HEAD （TE-263-69L1）： 20.2 ℃ VESSEL ABOVE SKIRT JOINT （TE-263-69H1）： 19.7 ℃ VESSEL DOWN COMMER （TE-263-69G2）： 19.7 ℃ (as of 11:00 , 5/19)	VESSEL WALL ABOVE BOTTOM HEAD （TE-2-3-69H3）： 24.6 ℃ RPV TEMPERATURE （TE-2-3-69R）： 26.5 ℃ (as of 11:00 , 5/19)	VESSEL BOTTOM ABOVE SKIRT JOT （TE-2-3-69F1）： 22.8 ℃ VESSEL WALL ABOVE BOTTOM HEAD （TE-2-3-69H1）： 21.7 ℃ (as of 11:00 , 5/19)	
Temperature in PCV	HVH-12A RETURN AIR （TE-1625A）： 19.6 ℃ HVH-12A SUPPLY AIR （TE-1625F）： 19.6 ℃ (as of 11:00 , 5/19)	RETURN AIR DRYWELL COOLER （TE-16-114B）： 25.3 ℃ SUPPLY AIR D/W COOLER HVH2-16B （TE-16-114G#1）： 24.7 ℃ (as of 11:00 , 5/19)	RETURN AIR DRYWELL COOLER （TE-16-114A）： 23.5 ℃ SUPPLY AIR D/W COOLER （TE-16-114F#1）： 21.4 ℃ (as of 11:00 , 5/19)	
Pressure in PCV	0.16 kPa g (as of 11:00 , 5/19)	2.23 kPa g (as of 11:00 , 5/19)	0.43 kPa g (as of 11:00 , 5/19)	－
Flow rate of nitrogen gas injection to Reactors ※3	RPV（RVH-A）： － Nm³/h （RVH-B）： 15.40 Nm³/h （JP-A）： 15.04 Nm³/h （JP-B）： － Nm³/h PCV： － Nm³/h ※4 (as of 11:00 , 5/19)	RPV-A： 6.73 Nm³/h RPV-B： 6.86 Nm³/h PCV： － Nm³/h ※4 (as of 11:00 , 5/19)	RPV-A： 8.26 Nm³/h RPV-B： 8.64 Nm³/h PCV： － Nm³/h ※4 (as of 11:00 , 5/19)	
Outlet flow from PCV gas control system	18.8 ㎥/h (as of 11:00 , 5/19)	17.21 Nm³/h (as of 11:00 , 5/19)	18.92 Nm³/h (as of 11:00 , 5/19)	
Hydrogen concentration in PCV ※1	System A： 0.00 vol% System B： 0.00 vol% (as of 11:00 , 5/19)	System A： 0.02 vol% System B： 0.01 vol% (as of 11:00 , 5/19)	System A： 0.10 vol% System B： 0.09 vol% (as of 11:00 , 5/19)	
Radioactive concentration in PCV (Xe 135) ※2	System A： indicated value 1.16E-03 Bq/cm³ detection limit 3.60E-04 Bq/cm³ System B： indicated value 9.70E-04 Bq/cm³ detection limit 3.30E-04 Bq/cm³ (as of 11:00 , 5/19)	System A： indicated value ND Bq/cm³ detection limit 1.3E-01 Bq/cm³ System B： indicated value ND Bq/cm³ detection limit 1.3E-01 Bq/cm³ (as of 11:00 , 5/19)	System A： indicated value ND Bq/cm³ detection limit 2.0E-01 Bq/cm³ System B： indicated value － Bq/cm³ ※7 detection limit － Bq/cm³ ※7 (as of 11:00 , 5/19)	
Temperature in the spent fuel pool	26.5 ℃ (as of 11:00 , 5/19)	25.4 ℃ (as of 11:00 , 5/19)	21.3 ℃ (as of 11:00 , 5/19)	－ ℃ ※5 (as of 11:00 , 5/19)
FPC skimmer surge tank level	4.27 m (as of 11:00 , 5/19)	3.65 m (as of 11:00 , 5/19)	3.80 m (as of 11:00 , 5/19)	67.4 ×100mm (as of 11:00 , 5/19)

【Information about measurements】
※1：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.
※2：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.
※3：Flow rate values are adjusted according to the temperature and the pressure under usage conditions.
※4：Nitrogen gas injection is under suspension.
※5：The primary coolant pump in the Unit 4 spent fuel pool is now stopped operatio
※6：The reactor injection water flow rate is changed due to work in progress
※7：Data missing due to work interrupting the measurement.