Fukushima Daiichi Nuclear Power Station　Plant Parameters

As of 11:00 on July 19 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.

Unit	Unit 1	Unit 2	Unit 3	Unit 4
Status of water injection to the reactor	FDW line　3.5㎥/h CS　line　2.0㎥/h (as of 11:00 , 7/19)	FDW line　3.0㎥/h CS　line　5.8㎥/h (as of 11:00 , 7/19)	FDW line　3.3㎥/h CS　line　5.1㎥/h (as of 11:00 , 7/19)	
Temperature at the bottom of RPV	VESSEL BOTTOM HEAD （TE-263-69L1）：38.1℃ VESSEL ABOVE SKIRT JOINT （TE-263-69H1）：38.8℃ VESSEL DOWNCOMMER （TE-263-69G2）：37.6℃ (as of 11:00 , 7/19)	VESSEL WALL ABOVE BOTTOM HEAD （TE-2-3-69H3）：49.8℃ VESSEL BOTTOM ABOVE SKIRT JOT （TE-2-3-69F2）：50.7℃ (as of 11:00 , 7/19)	VESSEL BOTTOM HEAD （TE-2-3-69L1）：49.5℃ VESSEL BOTTOM ABOVE SKIRT JOT （TE-2-3-69F1）：48.4℃ VESSEL WALL ABOVE BOTTOM HEAD （TE-2-3-69H1）：37.1℃ (as of 11:00 , 7/19)	
Temperature in PCV	HVH-12A RETURN AIR （TE-1625A）：39.4℃ HVH-12A SUPPLY AIR （TE-1625F）：37.6℃ (as of 11:00 , 7/19)	RETURN AIR DRYWELL COOLER （TE-16-114B）：50.8℃ SUPPLY AIR D/W COOLER HVH2-16B （TE-16-114G#1）：49.2℃ (as of 11:00 , 7/19)	RETURN AIR DRYWELL COOLER （TE-16-114A）：44.7℃ SUPPLY AIR D/W COOLER （TE-16-114F#1）：45.3℃ (as of 11:00 , 7/19)	
Pressure in PCV	106.3kPa abs (as of 11:00 , 7/19)	5.26kPa g (as of 11:00 , 7/19)	0.23kPa g (as of 11:00 , 7/19)	－
Flow rate of nitrogen gas injection to Reactors　※5	RPV：12.94N㎥/h PCV：20.33N㎥/h (as of 11:00 , 7/19)	RPV：16.70N㎥/h PCV：5.21N㎥/h (as of 11:00 , 7/19)	RPV：16.63N㎥/h PCV：0N㎥/h (as of 11:00 , 7/19)	
Outlet flow from PCV gas control system	26.20㎥/h (as of 11:00 , 7/19)	24.75N㎥/h (as of 11:00 , 7/19)	25.6N㎥/h (as of 11:00 , 7/19)	
Hydrogen concentration in PCV　※3	System A：0.06vol% System B：0.06vol% (as of 11:00 , 7/19)	System A：0.10vol% System B：0.10vol% (as of 11:00 , 7/19)	System A：0.24vol% System B：0.23vol% (as of 11:00 , 7/19)	
Radioactive concentration in PCV (Xe 135)　※4	System A： indicated value　2.19E-03　Bq/c㎥ detection limit　1.19E-03 System B： indicated value　1.95E-03　Bq/c㎥ detection limit　1.46E-03 (as of 11:00 , 7/19)	System A： indicated value　ND　Bq/c㎥ detection limit　2.4E-01 System B： indicated value　ND　Bq/c㎥ detection limit　2.3E-01 (as of 11:00 , 7/19)	System A： indicated value　ND　Bq/c㎥ detection limit　3.4E-01 System B： indicated value　ND　Bq/c㎥ detection limit　3.4E-01 (as of 11:00 , 7/19)	
Temperature in the spent fuel pool	27.5℃　※9 (as of 5:00 , 7/19)	28.8℃ (as of 11:00 , 7/19)	27.4℃ (as of 11:00 , 7/19)	35℃ (as of 11:00 , 7/19)
FPC skimmer surge tank level	2.48m　※9 (as of 5:00 , 7/19)	3.02m (as of 11:00 , 7/19)	5.42m (as of 11:00 , 7/19)	28.79×100mm　※6 (as of 11:00 , 7/19)

【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.)
※4：In case that the instrument reading is below measurable limit, "ND" is recorded.
※5：Flow rate values are adjusted according to the temperature and the pressure under usage conditions.
※6：Corresponding value of temporary instrument is described due to isolation of main instrument
※7：Outlet flow from PCV gas control system of Unit1 at 5:00 on July 19 was revised as follows.　(corrected)26.60㎥/h　←　(original)22.60㎥/h
※8：The unit used for Unit 1 PCV hydrogen concentration (A system and B system)　has been clarified.　(After) vol% ← (Before) %.
※9：Alternative cooling equipment of the Fuel Pool of Unit 1 is stopped. Therefore, Temperature in the spent fuel pool and FPC skimmer surge tank level of Unit 1 show close data. The expected temperature increase at the SFP water is around 0.1℃/h.