Plant Status of Fukushima Daiichi Nuclear Power Station

<1 Status of the Nuclear Reactor and the Primary Containment Vessel> (As of March 17 at 11:00 am)

Unit	Status of Water injection		Bottom temp. of Reactor pressure vessel	Pressure of primary containment vessel*	Hydrogen density of Primary containment vessel
Unit 1	Injecting Fresh water	Core Spray System: Approx.1.7 m³/h	23.7 ˚C	106.9 kPaabs	A system: 0.00 vol%
		Feed Water System: Approx.4.7 m³/h			B system: 0.01 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.0 m³/h	40.9 ˚C	19.21 kPag	A system: 0.11 vol%
		Feed Water System: Approx.2.6 m³/h			B system: 0.13* vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.4.9 m³/h	52.9 ˚C	0.31 kPag	A system: 0.19 vol%
		Feed Water System: Approx.2.0 m³/h			B system: 0.21* vol%

* absolute pressure(kPa abs) = gauge pressure (kPa g) + atmosphere pressure (normal atmosphere pressure 101.3 kPa).

* Because no data was measured at 11:00am on March 17 due to the suspension of power supply, data as of 5:00am on March 17 is entered instead.

Unit 1 - At 8:52pm on March 16, regarding the atmospheric temperature in the reactor containment vessel, some of the thermometers show a rising tendency and thus we changed the amount of nitrogen injection into the reactor containment vessel from approx. 18m³/h to approx. 23m³/h.

Unit 3 - At 9:53am on March 17, as we observed a variation in the amount of water injection into the reactor, we changed the amount of water injection from approx. 1.8m³/h to approx. 2.0m³/h for the feed water system, and from approx. 5.6m³/h to approx. 5.0m³/h for the core spray system.

2. Status of the Spent Fuel Pool> (As of March 17 at 11:00 am)

Unit	Cooling type	Status of cooling	Temperature of water in Spent Fuel Pool
Unit 1	Circulating Cooling System	Under operation	27.5 ˚C
Unit 2	Circulating Cooling System	Under operation	20.6 ˚C
Unit 3	Circulating Cooling System	Under operation	13.8 ˚C
Unit 4	Circulating Cooling System	Under operation	26 ˚C

* System secondary air fin cooler: out of service
   Unit 2

- Desalination equipment has been activated in order to reduce density of salt from the spent fuel pool since 11:50 am on January 19.

<3. Status of water transfer from the basement floor of the Turbine Building etc.>

Unit	Draining water source	→	Place transferred	Status
Unit 2	Unit 2 T/B	→	Central Radioactive Waste Treatment Facility Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Building)	From 8:47am on March 11: Transferring
Unit 3	Unit 3 T/B	→	Central Radioactive Waste Treatment Facility Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Building)	From 8:46am on March 15: Transferring

<4. Status of the Treatment Facility and the Storage Facility> (As of March 17 at 7:00 am)

Facility	Cesium adsorption apparatus	Secondary Cesium adsorption apparatus (SARRY)	Decontamination instruments	Water desalinations (reverse osmosis membrane)	Water desalinations (evaporative concentration)
Operating status	In service	In service	Out of service	Operating intermittently according to the water balance	Operating intermittently according to the water balance

from June 8, 2011 Large tanks to store contaminated and decontaminated water are transported and installed.

<5 Others>

October 7, 2011~: Continuously implementing water spray using water after purifying accumulated water of Unit 5 and Unit 6 to prevent spontaneous fire of trimmed trees and diffusion of dust.

February 23, 2012~: Test of drawing water in the Unit 6 sub drain to the temporary tank through the temporarily storage tank was implemented.

March 6, 2012~: we have been conducting the transfer test of sub-drain Water of Unit 5 to the temporary tank via the interim storage tank.

March 14, 2012~: In order to prevent the diffusion of ocean soil, we started the full-scale covering work of seafloor by solidification soil (covering material).

END