

Plant Status of Fukushima Daiichi Nuclear Power Station

April 17, 2012

Tokyo Electric Power Company

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

Unit	Status of water injection		Reactor pressure vessel bottom temp.	Pressure of primary containment vessel ^{*1}	Hydrogen density of primary containment vessel
Unit 1	Injecting Fresh water	Core Spray System: Approx.1.7 m ³ /h	26.6 °C	106.6 kPa abs	A system:0.00 vol% B system:0.03 vol%
		Feed Water System: Approx.4.8 m ³ /h			
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.0 m ³ /h	45.6 °C	29.64 kPa g	A system:0.21 vol% B system:0.20 vol%
		Feed Water System: Approx.2.6 m ³ /h			
Unit 3	Injecting Fresh water	Core Spray System: Approx.5.2 m ³ /h	56.0 °C	0.28 kPa g	A system:0.21 vol% B system:0.19 vol%
		Feed Water System: Approx.1.8 m ³ /h			

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

<2. Status of the Spent Fuel Pool > (As of April 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	16.0 °C
Unit 2	Circulating Cooling System	Under operation	17.2 °C
Unit 3	Circulating Cooling System	Under operation	17.2 °C
Unit 4	Circulating Cooling System	Under operation	25°C

<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)]	4/14 15:27 - Being transferred
Unit 3	Unit 3 T/B	Central Radioactive Waste Treatment Facility [Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Building)]	4/10 13:31- 4/17 8:44 Transferred
Unit 6	Unit 6 T/B	Temporary Tank	4/17 10:00 - 16:00, Transferred

·From 8:04 – 18:11 on April 16, we transferred the accumulated water in the circulation pump exhaustion pit of Unit 2 to the Unit 2 turbine building (the amount of transferred water was 260m³).

·From 8:32 – 14:50 on April 17, we transferred the accumulated water in the circulation pump exhaustion pit of Unit 2 to the Unit 2 turbine building (the amount of transferred water was 70m³).

<4. Status of the Treatment Facility and the Storage Facility > (As of April 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	Operation	Operation *	Shutdown	Operating intermittently according to the water balance	Operating intermittently according to the water balance

* Cleaning of filter is in progress.

- 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~: Test of drawing water in the Unit 5 sub drain to the temporary tank through the temporarily storage tank was implemented.
- 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).

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