Revised

Plant Status of Fukushima Daiichi Nuclear Power Station

March 31, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of March 31 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.1.9 m^3/h Feed Water System: Approx.4.8 m^3/h	24.3 ˚C	105.5 kPa abs	A system:0.00 vol% B system:0.00 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.1 m^3/h Feed Water System: Approx.2.8 m^3/h	52.4 ˚C	20.59 kPa g	A system:0.22 vol% B system:0.22 vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.4.9 m^3/h Feed Water System: Approx.1.8 m^3/h	55.6 ˚C	0.31 kPa g	A system:0.17 vol% B system:0.17 vol%

*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 March 30 at 11:00 am)

Unit	Cooling type	Status of cooling	Temperature of water in Spent Fuel Pool
Unit 1	Circulating Cooling System	Under operation	15.5 ˚C
Unit 2	Circulating Cooling System	Under operation	16.6 ˚C
Unit 3	Circulating Cooling System	Under operation	16.0 ˚C
Unit 4	Circulating Cooling System	Under operation	28 ˚C

【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)]	10:14 am on March 20 - Transferring
Unit 3	Unit 3 T/B	→	Central Radioactive Waste Treatment Facility (Process Main Building)	9:26 am on March 30 - Transferring

<4. Status of the Treatment Facility and the Storage Facility > (As of March 31 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	Shutdown	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).
- At around 11:00 am on March 29, 2012, our staff patrolling at the Turbine Building of Unit 5 and 6 and checking the water level of the tank was not masked temporarily. For reference, no radioactive materials were found to be attached to the worker's body on the same day. On March 31, 2012, Since there was a possibility of the worker taking in radioactive materials, we conducted around mouth counter examination. As a result, we found out that there was no issue regarding internal exposure dose.

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