Plant Status of Fukushima Daiichi Nuclear Power Station

June 2, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of June 2 at 11:00 AM)

Unit	Status of Water Injection		Bottom Temperature of Reactor Pressure Vessel	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. 3.4 m^3/h	31.9 ˚C	107.2 kPa abs	A system:0.00 vol% B system:0.02 vol%
Unit 2	Injecting Fresh Water	Core Spray System: Approx. 6.0 m^3/h Feed Water System: Approx. 2.9 m^3/h	46.3 ˚C	14.19 kPa g	A system:0.21 vol% B system:0.21 vol%
Unit 3	Injecting Fresh Water	Core Spray System: Approx. 5.0 m^3/h Feed Water System: Approx. 2.9 m^3/h	56.8 ˚C	0.26 kPa g	A system:0.13 vol% B system:0.13 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 June 2 at 11:00 AM)

Unit	Cooling Type	Status of Cooling	Temperature of Water in Spent Fuel Pool
Unit 1	Circulating Cooling System	Under operation	22.0 ˚C
Unit 2	Circulating Cooling System	Under operation	23.5 ˚C
Unit 3	Circulating Cooling System	Under operation	22.7 ˚C
Unit 4	Circulating Cooling System	Under operation	41.8 ˚C

* The above values are taken from the temporary thermometer at the spent fuel pool (reference values), as Unit 4 spent fuel pool alternative cooling system is currently suspended.

[Unit 4] - June 1 8:56 AM: Spent fuel pool primary cooling system was temporarily suspended in order to replace the pump suction strainer (pool water temperature at the time it was stopped: approx. 31℃). The system will be suspended until June 3, however there is no problem with pool water temperature control as the temperature increase rate is estimated to be approx. 0.3℃/h.

<3. Status of Water Transfer from the Basement Floor of the Turbine Building etc.>

Unit	Draining Water Source →	Place Transferred	Status
Unit 1	Unit 1 T/B →	Unit 2 Turbine Building	6/1 2:22 PM – Being transferred
Unit 2	Unit 2 T/B →	Central Radioactive Waste Treatment Facility [Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Building)]	5/27 2:34 PM – Being transferred

<4. Status of the Treatment Facility and the Storage Facility > (As of June 2 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.

- 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).
- April 25, 2012 - : For the purpose of preventing further contamination to the ocean through grounder water, we started a full-scale construction of water shielding wall.

END