Plant Status of Fukushima Daiichi Nuclear Power Station

April 11, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of April 11 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 Feed Water System: Approx.4.7 m^3/h	25.1 ˚C	106.5 kPa abs	A system:0.00 vol% B system:0.00 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.0 m^3/h Feed Water System: Approx.2.9 m^3/h	47.5 ˚C	29.12 kPa g	A system:0.20 vol% B system:0.19 vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.5.2 m^3/h Feed Water System: Approx.1.8 m^3/h	55.0 ˚C	0.30 kPa g	A system:0.19 vol% B system:0.17 vol%

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

【Unit 1-3】・5:00 pm on April 7…When verifying the plant data, the flow volume of the nitrogen injection line to PCV and RPV was confirmed to be 0 m^3/h. By conducting on-site verification, it was confirmed that nitrogen supply facility (nitrogen gas separator A) was halt due to compressor failure alert. Subsequently, at 5:43 pm, backup nitrogen supply facility (nitrogen gas separator B) was activated and at 5:56 pm, injection of nitrogen to PCV and RVP was recommenced. No significant changes have been confirmed in regard to parameters in connection with PCV of Unit 1-3, density of Hydrogen and monitoring post data.

<2. Status of the Spent Fuel Pool > (As of April 11 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	16.1 ˚C
Unit 4	Circulating Cooling System	Under operation	27˚C

【Unit 3】・4/11 From 2:47 pm Commencement of operation for desalting facility was resumed after we confirmed there aren't any problems with the facility at commissioning.

<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)]	4/11 9:26 am – 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 1:31 pm – Being transferred
Unit 6	Unit 6 T/B →	Temporary Tank	4/11 10:00 am – 4:00 pm Transferred

<4. Status of the Treatment Facility and the Storage Facility > (As of April 11 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).

END