Plant Status of Fukushima Daiichi Nuclear Power Station

March 26, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of March 26 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.2.0 m^3/h	24.1 ˚C	106.6 kPa abs	A system: 0.00 vol%
		Feed Water System: Approx.4.8 m^3/h			B system: 0.00 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.0 m^3/h	49.3 ˚C	13.15 kPa g	A system: 0.30 vol%
		Feed Water System: Approx.2.8 m^3/h			B system: 0.30 vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.4.9 m^3/h	54.4 ˚C	0.29 kPa g	A system: 0.20 vol%
		Feed Water System: Approx.1.8 m^3/h			B system: 0.18 vol%

* 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 26 at 11:00 am)

Unit	Cooling type	Status of cooling	Temperature of water in Spent Fuel Pool
Unit 1	Circulating Cooling System	Under operation	14.0 ˚C
Unit 2	Circulating Cooling System	Under operation	14.2 ˚C
Unit 3	Circulating Cooling System	Under operation	14.1 ˚C
Unit 4	Circulating Cooling System	Under operation	24 ˚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)］	From 10:14 am on March 20: Transferring
Unit 3	Unit 3 T/B	→	Central Radioactive Waste Treatment Facility ［Miscellaneous Solid Waste Volume Reduction Treatment Building (High Temperature Incinerator Building)］	From 10:10 am to 4:34 pm on March 26: Transferred
Unit 6	Unit 6 T/B	→	Temporary Tank	From 10:00 am to 4:00 pm on March 26:Transferred

<4. Status of the Treatment Facility and the Storage Facility> (As of March 26 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*	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.
- On March 26, 2012: At around 8:30, in the area of condensed water tanks for water desalinations (reverse osmosis membrane) of Fukushima Daiichi Nuclear Power Station, a partner company worker found that water was leaked from a pipeline (anti-pressure hose) which transferred the condensed water from the water desalinations to the condensed water tanks. In order to stop the water leakage, we stopped the transfer pumps of the water desalinations (reverse osmosis membrane) and then the leakage stopped. After that, we closed the valves at the both sides to the leakage point of the pipeline (anti-pressure hose). When we checked the leakage on the site later, we found that a part of the leaked water had been poured into a nearby drainage for general draining water. And then we conducted sampling surveys on the leaked water, the water which was poured into the drainage, and the seawater around the exit of the drainage. As a result, we judged that some water including radioactive materials was poured into the sea from the exit of the drainage located at about 300 m south from the discharge channel of Unit 1-4 of Fukushima Daiichi Nuclear Power Station. At this moment, the water desalinations (reverse osmosis

membrane and evaporative concentration apparatus) are not in service. However, because we have much treated fresh water, it does not affect water injection to the reactors. After that, we stopped the cesium adsorption apparatus at around 17:00 and the second cesium adsorption apparatus at around 17:29.

<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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