Plant Status of Fukushima Daiichi Nuclear Power Station

March 9, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of March 9 at 11:00 am)

Unit	Status of Water injection		Reactor pressure vessel Bottom temp.	Pressure of primary containment vessel	Hydrogen density of Primary containment vessel
Unit 1	Injecting Fresh water	Core Spray System: Approx.1.8 m^3/h Feed Water System: Approx.4.7 m^3/h	23.2 ℃	106.6 kPaabs	0.00 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.1 m^3/h Feed Water System: Approx.2.9 m^3/h	41.7 ℃	120 kPaabs	0.07 vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.5.0 m^3/h Feed Water System: Approx.1.8 m^3/h	53.1 ℃	101.6 kPaabs	

【Unit 3】 On March 8, we sampled the gas of the system. The analysis results showed that xenon-135 at the inlet of the system was below the detection limit (9.8×10^{-2}Bq/cm^3) and we confirmed that it is below the re-criticality criterion which is 1 Bq/cm^3.

【Unit 4】【Unit 5】【Unit 6】・No major change

<2. Status of the Spent Fuel Pool> (As of March 9 at 11:00 am)

Unit	Cooling type	Status of cooling	Temperature of water in Spent Fuel Pool
Unit 1	Circulating Cooling System	Under operation*	27.5 ℃
Unit 2	Circulating Cooling System	Under operation	15.6 ℃
Unit 3	Circulating Cooling System	Under operation	15.4 ℃
Unit 4	Circulating Cooling System	Under operation	28 ℃

* System secondary air fin cooler: out of service

【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［Process Main Building］	From 1:55 pm on March 7: Transferring
Unit 6	Unit 6 T/B	→	Temporary Tank	From 10:00 am to 4:00 pm on March 9 : Transferred

<4. Status of the Treatment Facility and the Storage Facility> (As of March 9 at 7:00 am)

Facility	Cesium adsorption apparatus	Secondary Cesium adsorption apparatus	Decontamination instruments	Water desalinations (reverse osmosis membrane)	Water desalinations (evaporative concentration)

		(SARRY)			
Operating status	Out of service	Out of service	Out of service	Operating intermittently according to the water balance	Operating intermittently according to the water balance

- June 8, 2011～ Large tanks to store contaminated and decontaminated water are transported and installed.
- March 1, 2012, in order to conduct the work to improve the reliability of water treatment facilities, we stopped the cesium adsorption apparatus. (It will be out of service until March 15.)
- March 2, 2012, we suspended second cesium adsorption apparatus. (It will be out of service until March 10.)

  *We confirmed that water level would be below the limit based on the water level impact study. We also have sufficient volume of treated water. Therefore there will be no impact on the water injection to the reactors.)

<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～: we have been conducting the transfer test of sub-drain Water of Unit 5 to the temporary tank via the interim storage tank.