Plant Status of Fukushima Daiichi Nuclear Power Station

March 24, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of March 24 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	104.7 kPa abs	A system: 0.00 vol%
		Feed Water System: Approx.4.7 m^3/h			B system: 0.00 vol%
Unit 2	Injecting Fresh water	Core Spray System: Approx.6.0 m^3/h	51.3˚C	15.98 kPa g	A system: 0.25 vol%
		Feed Water System: Approx.2.8 m^3/h			B system: 0.26 vol%
Unit 3	Injecting Fresh water	Core Spray System: Approx.4.9 m^3/h	54.3 ˚C	0.30 kPa g	A system: 0.19 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 24 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	14.5 ˚C
Unit 3	Circulating Cooling System	Under operation	15.2 ˚C
Unit 4	Circulating Cooling System	Under operation	25 ˚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 8:41 am on March 19 to 9:27 am on March 24: Transferred
Unit 6	Unit 6 T/B	→	Temporary Tank	From 10:00 am to 16:00 pm on March 23:Transferred

<4. Status of the Treatment Facility and the Storage Facility> (As of March 24 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.

<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).
- March 24, 2012: Around 10:20 am, a worker of partner company who was engaged in the task to remove rubble at the reactor building of Unit 3 found that a filter had not been equipped with his protection mask when he arrived at the site. Therefore he returned to the rest station. Later, because there was a possibility of internal exposure, the measurement using whole-body-counter was conducted for him. The result shows that the possibility of internal exposure is small, and it is evaluated that radioactive material was not absorbed inside of his body.

END