

Plant Status of Fukushima Daiichi Nuclear Power Station

April 3, 2012
Tokyo Electric Power Company

<1. Status of the Nuclear Reactor and the Primary Containment Vessel> (As of April 3 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.1.9 m ³ /h | 24.4 °C | 106.6 kPa abs | A system:0.00 vol% B system:0.00 vol% |
| | | Feed Water System: Approx.4.9 m ³ /h | | | |
| Unit 2 | Injecting Fresh water | Core Spray System: Approx.6.1 m ³ /h | 50.5 °C | 22.95 kPa g | A system:0.22 vol% B system:0.21 vol% |
| | | Feed Water System: Approx.2.8 m ³ /h | | | |
| Unit 3 | Injecting Fresh water | Core Spray System: Approx.5.0 m ³ /h | 55.7 °C | 0.31 kPa g | A system:0.18 vol% B system:0.17 vol% |
| | | Feed Water System: Approx.1.9 m ³ /h | | | |

*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 April 3 at 11:00 am)

| Unit | Cooling type | Status of cooling | Temperature of water in Spent Fuel Pool |
|--------|----------------------------|-------------------|---|
| Unit 1 | Circulating Cooling System | Under operation | 14.5 °C |
| Unit 2 | Circulating Cooling System | Under operation | 15.2 °C |
| Unit 3 | Circulating Cooling System | Under operation | 14.8 °C |
| Unit 4 | Circulating Cooling System | Under operation | 25 °C |

<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)] | 10:14 am on March 20 - Transferring |
| Unit 3 | Unit 3 T/B | Central Radioactive Waste Treatment Facility (Process Main Building) | 9:26 am on March 30 to 9:50am on April 3 Transferred |
| | Unit 3 T/B | Central Radioactive Waste Treatment Facility [Miscellaneous Solid Waste Volume Reduction Treatment Building(High Temperature Incinerator Building)] | 10:08 am on April 3 - Transferring |
| Unit 6 | Unit 6 T/B | Temporary tank | 9:30 am to 3:30 pm on April 3 - Transferred |

<4. Status of the Treatment Facility and the Storage Facility > (As of April 3 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).
- April 2, 2012~: We conducted a sampling at the charcoal filter and particulate filter of the Gas Control System of Unit1 Primary Containment Vessel.
- April 3, 2012~: We conducted a sampling at the charcoal filter and particulate filter of the Gas Control System in Unit 2 Primary Containment Vessel.
- On April 3, we conducted a dust sampling at the openings (blow out panel) of Unit 2 Reactor Building.

END