

# Earthquake Report - JAIF

No.24

## Status of Fukushima Daiichi nuclear power station as of 12:00, March 23, 2011

Here is information regarding the status of Fukushima Daiichi nuclear power station from the news reports aired by NHK in this midnight and morning of March 23.

- Tokyo Fire Department will spray water to Unit-3 in this afternoon through cooperation with Osaka Fire Department. (11:10, March 23)
- The operation to inject water to the spent fuel pool of Unit-4 was started with special vehicle around 10:00. This vehicle has a long arm that enables to pour water to a target. (11:10, March 23)
- TEPCO will conduct test operation for pumps, which are to inject water into the reactor at unit-3. External AC power to the main control room of Unit-3 became available at 13:43 of March 22. (10:55, March 23)
- Nuclear and Industrial Safety Agency announced in its news briefing held around 10:00 AM on March 23 that the core temperature exceed design value of 302°C and reached almost 400°C at Unit-1. Core cooling function was enhanced through increasing number of injection lines, given this situation. (10:55, March 23)
- The work to recover external AC power for units-1, 2, 3 and 4 of Fukushima Daiichi nuclear power station is in progress. External AC power to the main control room of unit-3 became available at 13:43 of March 22. Now the lights are working in the room and working condition has been improved. Unit-3 is the first unit that external AC power became available among four units which are in severe condition. TEPCO will provide external AC power to systems for cooling the reactor and the suppression pool after checking availability of these systems at unit-3. Also the work to connect AC power line to distribution panels for Unit-1, 2 and 4 was accomplished. However, pumps of Unit-1 and 2 for cooling were covered by seawater and maintenance work is necessary for these pumps. (04:15, March 23)
- The Ministry of Education, Culture, Sports, Science and Technology will expand the area for monitoring radioactive nuclides in seawater to 30km, offshore, given the situation that seawater sample collected surrounding area contains radioactive nuclides in excess of the legal standards. (04:15, March 23)
- Most meters and gages have been unavailable in the power station since station blackout occurred after the earthquake. Meanwhile, temperature instrument to measure surface of the reactor of unit-1, 2, and 3 was restored and becomes available. (04:15, March 23)

End