

September 15, 2011
Nuclear and Industrial Safety Agency

Seismic Damage Information (the 257th Release)
(As of 12:00 September 15, 2011)

The Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa Nuclear Power Station (NPS), Tohoku Electric Power Co. Inc.; Fukushima Dai-ichi and Fukushima Dai-ni NPSs, Tokyo Electric Power Co. Inc. (TEPCO); Tokai Dai-ni NPS, Japan Atomic Power Co. Inc. as follows:

Major updates are as follows:

1. Nuclear Power Stations (NPSs)

- Fukushima Dai-ichi NPS (TEPCO)
 - The adjustment of the water injection rate into the reactor of Unit 2 via the core spray line was started (at 14:59, September 14). Then, the rate was adjusted to 1.0m³/h (at 15:25, September 14).
 - The accumulated water in the basement of the turbine building of Unit 3 was transferred to the building of the miscellaneous solid waste volume reduction facilities (from 10:00, September 11 to 09:44, September 15).
 - The accumulated water in the basement of the turbine building of Unit 3 was transferred to the radioactive waste treatment facilities (from 09:54, September 15).
 - The accumulated water in the basement of the turbine building of Unit 6 was transferred to a temporary tank (from 10:00, September 15).
 - Rubble (an amount equivalent to three containers) was removed with remote-controlled heavy machinery (from 08:45 to 15:30, September 14).
 - The cesium adsorption device and the decontamination device were suspended due to the maintenance work of the water treatment facility (at 03:58, September 13). Both devices were restarted up (at 18:16, September 14). Then, the rated flow was reached (at 19:20 of the same day).
 - The second cesium adsorption device was suspended in order to exchange the vessels (from 08:55, September 15).
- Fukushima Dai-ni NPS (TEPCO)

- The pump for RHR (B) was suspended due to switching from RHR (B) to RHR (A) at Unit 4 (at 14:05, September 14). Then, the pump for RHR (A) was started (at 14:17 of the same day).

<Possibility of Exposure (exposure of employees and others)>

- At around 12:40 on September 14, when six subcontractor workers, who were engaged in the maintenance work of the water treatment facility at Fukushima Dai-ichi NPS, returned to the seismic isolation building from the working site and a contamination check for the full-face mask was conducted, it was confirmed that the inner surfaces of the filters which four workers put on were contaminated. Later, the measurement result by the whole body counter showed that all of the six workers did not take in radioactive materials.
- At around 16:00 on September 14, when one TEPCO employee, who was engaged in patrolling at the power facility (outdoors) of Units 1 to 4 at Fukushima Dai-ichi NPS, returned from the seismic isolation building to the visitors hall of Fukushima Dai-ichi NPS and a contamination check was conducted, it was confirmed that the chin and the neck of the worker were contaminated. After decontamination was performed, the measurement result by the whole body counter showed that the worker did not take in radioactive materials.
- At around 08:18 on September 15, after one subcontractor worker entered the premises of Fukushima Dai-ichi NPS, it was identified that the worker did not wear a full-face mask with a charcoal filter. The worker will be examined later by the whole body counter to confirm if any radioactive materials are taken in.

For more information: NISA English Home Page
<http://www.nisa.meti.co.jp/english/index.html>