

August 31, 2011
Nuclear and Industrial Safety Agency

Seismic Damage Information (the 244th Release)

(As of 14:00 August 31, 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 No.2 Power Station, Japan Atomic Power Co. Inc. as follows:

Major updates are as follows:

1. Nuclear Power Stations (NPSs)

- Fukushima Dai-ichi NPS (TEPCO)
 - The water injection rate into the reactor of Unit 2 was adjusted to 3.8m³/h , due to the decrease to 3.4m³/h (at 18:56, August 30).
 - A flexible hose was installed at Unit 3 in order to inject water into the reactor core via the core spray system (from 11:30 to 13:00, August 31).
 - Fresh water (about 15t) was injected into the spent fuel pool of Unit 4 via a temporary spraying facility (from 16:05 to 16:37, August 30).
 - Rubble (an amount equivalent to six containers) was removed with remote-controlled heavy machinery (from 08:45 to 16:15, August 30).
 - Vessels in the Water Treatment Facility were exchanged (the Water Treatment Facility was not suspended) (from 11:04 to 14:25, August 30).
 - The following operations were carried out on the desalination device due to the software conversion work:
 - The Evaporation-Concentration Device 2A was suspended (at 03:32, August 30), and started up (at 16:34).
 - The Evaporation-Concentration Device 2B was suspended (at 04:16, August 30), and started up (at 15:44).
 - The desalination device (a reverse osmosis membrane type) 1A was suspended (at 07:09, August 30), and started up (at 12:28).
 - The desalination device (a reverse osmosis membrane type) 2 was suspended (07:16, August 30), and started up (at 12:42).
- The operation of the Evaporation-Concentration Devices 1A, 1B, and 1C

was started on a full-scale basis (at 14:00, August 31).

- Fukushima Dai-ni NPS (TEPCO)
- The air lock was opened in order to confirm the integrity of the PCV and other internal equipment of Unit 4 (from 10:15, August 29).
- The emergency diesel generator (A) of Unit 3 was operated for confirmation (from 10:45 to 11:53, August 31). Thereafter, the generator shifted to a stand-by condition.

3. Actions taken by NISA

On August 30, NISA received a report from TEPCO stating that some errors were found in the result of nuclide analysis on radioactive materials detected at Fukushima Dai-ichi NPS, TEPCO. NISA orally directed TEPCO on the same day to (1) investigate the cause, (2) to establish the recurrence prevention measures regarding some errors of the record, and (3) to examine the result of nuclide analyses conducted so far.

On August 30, NISA requested TEPCO to submit the operation manual at the time of an accident at Fukushima Dai-ichi NPS of TEPCO, which had been requested to the Minister of Economy, Trade and Industry from the Chairman of Special Committee on Science and Technology for Innovation Advancements of the House of Representatives.

On August 30, NISA confirmed the improvements made by TEPCO relating to the directions on July 13, based on the report regarding “the Improvements Related to the Radiation Exposure Exceeding Dose Limit of Radiation Workers Engaging in Emergency Work at Fukushima Dai-ichi NPS, TEPCO”, which was submitted by TEPCO on August 12. Consequently, NISA determined that the improvements, investigation of causes and establishment of prevention measures made by TEPCO were appropriate. NISA will confirm the status of these improvements through Operational Safety Inspections and other inspections accordingly.

<Temporary access into restricted areas>

On August 31, vehicles were retrieved from the towns of Okuma, Futaba, Tomioka, and Naraha.

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