

Extract

May 27, 2011

Nuclear and Industrial Safety Agency

Seismic Damage Information (the 151st Release)

(As of 12:00 May 27, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa 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

- The transfer of water in the condenser of Unit 2 to the basement of the turbine building was started in order to carry out work on the pipe to inject water into the RPV (Reactor Feedwater System Pipe). (14:45 May 26)
- A preliminary survey was conducted inside the reactor building of Unit 2. (From 15:19 till 15:32 May 26)
- The transfer of the accumulated water (contaminated water with high radiation dose) from the trench of the turbine building of Unit 2 to the Radioactive Waste Treatment Facilities was suspended because the water amount in the said facilities came close to the floor surface of the first basement level. (16:01 May 26)
- The accumulated water (about 400m³) in the basement of the turbine building of Unit 6 was transferred to the temporary tank. (From 09:00 till 19:00 May 26)
- The transfer of the accumulated water from the basement of the turbine building of Unit 6 to the temporary tank was started. (09:00 May 27)
- Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out by workers in an area of about 7,875m² around the Nonflammable Waste Treatment Facility and other locations. (From 09:00 till 13:00 May 26)

- Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out using an unmanned crawler dump in an area of about 6,000m² around the north side of the reactor building of Unit 1. (From 13:30 till 16:00 May 26)
- Removal of rubble (an amount equivalent to 1 container) was carried out using remote-controlled heavy machinery. (From 09:00 till 16:00 May 26)

<Temporary Access to the Restricted Areas>

May 27 – Temporary access was allowed into Minamisoma City, Namie Town and Futaba Town.

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

Extract

May 28, 2011

Nuclear and Industrial Safety Agency

Seismic Damage Information (the 152nd Release)

(As of 15:30 May 28, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa 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

- Workers entered the reactor building of Unit 1, installed the water level gauge for the accumulated water in the reactor building, sampled the accumulated water in the basement, and laid down the hose to the Spent Fuel Pool. (From 10:30 till 12:00 and around 15:00 May 27)
- The water in the condenser of Unit 2 was transferred to the basement of the turbine building, in order to carry out work on the pipe to inject water into the RPV (Reactor Feedwater System Pipe). (From 14:45 May 26 till 14:30 May 27)
- Fresh water (about 50t) was injected into the Spent Fuel Pool of Unit 3 via the Fuel Pool Cooling and Clean-up Line. (From 13:28 till 15:08 May 28) (About 0.38m³ of hydrazine was also injected from 13:42 till 14:40)
- Fresh water (about 100t) was sprayed over Unit 4 using a concrete pump truck (62m class). (From 17:05 till 20:00 May 27) (About 0.2m³ of hydrazine was also injected from 17:24 till 18:53)
- The accumulated water (about 336.6m³) in the basement of the turbine building of Unit 6 was transferred to the temporary tank. (From 09:00 till 19:00 May 27)
- Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out by workers in an area of about 8,750m² around the Nonflammable Waste

Treatment Facility, the Solid Waste Storage, the Main Office Building, at the South Seawall and the observation deck. (From 09:00 till 13:00 May 27)

- Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out using a Water Spraying Vehicle with Bending Arm (an overhead spraying truck) in an area of about 6,600m² on the roof and exterior wall of the turbine building of Unit 1. (From 11:25 till 16:00 May 27)
- Removal of rubble (an amount equivalent to 5 containers) was carried out using remote-controlled heavy machinery. (From 09:00 till 16:00 May 27)

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

Extract

May 29, 2011

Nuclear and Industrial Safety Agency

Seismic Damage Information (the 153rd Release)

(As of 15:30 May 29, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa 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

- Leak test was carried out in order to inject fresh water into the Spent Fuel Pool of Unit 1 via the Fuel Pool Cooling and Clean-up Line. (From 16:47 till 17:00 May 28)
- Fresh water injection into the Spent Fuel Pool of Unit 1 via the Fuel Pool Cooling and Clean-up Line was started. (11:10 May 29)
- In addition to water injection (7m³/hr) into the Reactor Core of Unit 2 via the Fire Extinguishing Line, water injection (about 5m³/hr) via the Feedwater Line was started. (11:33 May 29)
- Water injection into the Reactor Core of Unit 3 via the Fire Extinguishing Line was stopped. (water was injected (13.5m³/hr) into the Reactor Core via the Feedwater Line) (20:54 May 28)
- About 60t of fresh water was sprayed for Unit 4 using a Concrete Pump Truck (62m class). (From 17:56 till 19:45 May 28) (About 0.5m³ of hydrazine was also injected from 18:02 till 19:45)
- It was confirmed that the Residual Heat Removal Seawater System (RHRS) pump of Unit 5 had stopped (Around 21:14 May 28). Replacement to a spare pump was started (8:12 May 29), the RHRS pump started up (12:31 May 29), and cooling of the Reactor Core by the Residual Heat Removal System (RHR) was started. (12:49 May 29)
- The accumulated water in the basement of the turbine building of Unit 6 was transferred to a temporary tank. (From 9:00 till 19:00 May

- 28)
- The accumulated water (about 12m³) in the basement of the reactor building of Unit 6 was transferred to the building of the Radioactive Waste Treatment Facilities of the same Unit. (From 10:20 till 12:10 May 28)
 - Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out by workers in an area of about 4,375m² around the tennis court, the Solid Waste Storage, South Seawall and the observation deck. (From 13:00 till 14:00 May 28)
 - Removal of rubble (an amount equivalent to 7 containers) was carried out using remote-controlled heavy machinery. (From 9:00 till 16:00 May 28)

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

May 30, 2011

Nuclear and Industrial Safety Agency

Seismic Damage Information (the 154th Release)
(As of 12:00 May 30, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa 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
 - Fresh water (about 168t) was injected into the Spent Fuel Pool of Unit 1 via the Fuel Pool Cooling and Clean-up Line. (From 11:10 till 15:35 May 29)
 - The accumulated water in the basement of the turbine building of Unit 6 was transferred to a temporary tank. (From 09:00 till 19:00 May 29)
 - Full-scale implementation of spraying an anti-scattering agent to prevent the spread of radioactive materials was carried out by workers in an area of about 8,750m² around the tennis court, the parking lot for the Seismic Isolated Building, near the Main Gate and the observation deck. (From 09:00 till 13:00 May 29)
 - Removal of rubble (an amount equivalent to 8 containers) was carried out using remote-controlled heavy machinery. (From 09:00 till 16:00 May 29)

<Instructions Regarding Foods and Drinks>

- Lifting of the suspension of shipment.
 - Bamboo shoots produced in Hirata Village.

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

May 31, 2011

Nuclear and Industrial Safety Agency

Seismic Damage Information (the 155th Release)
(As of 12:30 May 31, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa 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

- A leakage test was conducted on the secondary system of the alternative cooling system for the Spent Fuel Pool. (11:15 May 30) A trial run of the secondary system was started. (15:02 May 30)
- Fresh water (about 53t) was injected into the Spent Fuel Pool of Unit 2 via the Fuel Pool Cooling and Clean-up Line. (From 12:06 till 13:52 May 30)
- Injection of water into the Unit 2 reactor via a pump of the Fire Extinguishing Line was suspended (and injection of water was continued using the Feedwater System (about 5m³/h)). (18:05 May 30)
- The accumulated water in the basement of the turbine building of Unit 6 was transferred to a temporary tank. (From 10:00 till 17:30 May 30)
- Removal of rubble (an amount equivalent to 7 containers) was carried out using remote-controlled heavy machinery. (From 09:00 till 16:00 May 30)
- Oil leakage was confirmed on the surface of the sea near the Curtain Wall of the Intake Canal of Units 5 and 6, in the dedicated port of Fukushima Dai-ichi NPS. (Around 08:00 May 31)

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