The Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Fukushima Dai-ichi Nuclear Power Station (NPS), Tokyo Electric Power Co., Inc. (TEPCO) as follows:

Major updates are as follows:

1. Nuclear Power Stations (NPSs)
   - Fukushima Dai-ichi NPS (TEPCO)
     - In the data collection of the fixed time, it was confirmed that the water injection rates into nuclear reactors were decreased in Units 1, 2, and 3 (at 15:00, August 30).
       - Unit 1: From the necessary water injection rate of 4.3m³/h to the decreased rate of 4.0m³/h
       - Unit 2: From the necessary water injection rate of 6.1m³/h to the decreased rate of 5.5m³/h
       - Unit 3: From the necessary water injection rate of 6.1m³/h to the decreased rate of 5.6m³/h
     In this reason, it was judged that “securing the necessary water injection rates for cooling reactors” for Units 1, 2, and 3 was not satisfied, which was one of the operational limits on the operational safety program (Unit 1: 15:07, Unit 2: 15:00, Unit 3: 15:05, on the same day).
   Operation for increase of the water injection rates was performed on the site, and the necessary water injection rates were secured, however, slight adjustments of the flow rates continued to be performed. As a result of the site confirmation, it was confirmed that there was no leakage from the reactor injection line.
   Later, the water injection rates became unstable and the rates decreased, the nuclear reactor water injection rates were adjusted as follows (from 21:56 to 22:30 on the same day).
     - Unit 1: Adjusted from 3.8m³/h to 5.0m³/h (necessary injection rate: 4.3m³/h)
Unit 2: Adjusted from 5.8m³/h to 7.0m³/h (necessary injection rate: 6.1m³/h)
Unit 3: Adjusted from 5.0m³/h to 6.7m³/h (necessary injection rate: 6.1m³/h)
Due to inspection of the pump, the normal high-ground reactor water injection pump (A) was activated (at 23:08 on the same day), and the pump (B) was suspended (at 23:10 on the same day). Regarding the suspended pump (B), air vent was conducted, and it was confirmed that there was no air mixture into the pump. The water injection rates after vent operation were as follows:
- Unit 1: 4.4m³/h (5.0m³/h before switching)
- Unit 2: 7.0m³/h (7.0m³/h before switching)
- Unit 3: 6.9m³/h (6.7m³/h before switching)
Then, next, the normal high-ground reactor water injection pump (B) was activated (at 23:30 on the same day) and the normal high-ground reactor water injection pump (C) was suspended (at 23:31 on the same day). Regarding the suspended pump (C), air vent was conducted, and it was confirmed that there was no air mixture into the pump. The water injection rates after switching the pumps was as follows:
- Unit 1: 4.2m³/h (4.4m³/h before switching)
- Unit 2: 7.0m³/h (7.0m³/h before switching)
- Unit 3: 6.7m³/h (6.9m³/h before switching)
As for Units 1 and 3, the decreasing trend was seen again, the water injection rates were adjusted as follows (from 23:53, on the same day to 0:09, August 31).
- Unit 1: 4.2m³/h → 5.0m³/h (feed-water line: 3.0m³/h, CS line: 2.0m³/h)
- Unit 2: 7.0m³/h, no adjustment (feed-water line: 2.0m³/h, CS line: 5.0m³/h)
- Unit 3: 6.7m³/h → 7.0m³/h (feed-water line: 2.5m³/h, CS line: 4.5m³/h)
The bottom temperature of the RPV in each Unit and other parameters were not changed.
- Installation works for the polyethylene piping between the basement of the turbine building in Unit 4 and the valve unit in Unit 4 were completed. As for accumulated water in the basement of the turbine buildings in Units 3 and 4, the transfer route was changed to the one via the basement of the turbine building in Unit 4. Transfer of accumulated water started in the route from the basement of the turbine building in Unit 4 to the radioactive waste treatment facilities (from 16:15, August 30). (It was confirmed in patrol that there was no abnormality such as leakage.)
<Temporary access into restricted areas>
• Temporary access into the following towns was allowed to residents:
  The 5th round:
    Tomioka Town (August 31)
    Namie Town (August 31)

<Inspections on Foods>
• Lifting of restriction on shipments (August 30)
  • Pacific cod (Madara) caught in the ocean off the coast of Miyagi Prefecture
    (Limited to those less than the weight of 1 kilogram per fish)
  • Left-eye flounder (Hirame) caught in part of the ocean area in Ibaraki Prefecture

For more information: NISA English Home Page