

(Reference)

Major Inspections and Work Performed During Regular Inspection
at Hamaoka Nuclear Power Station Reactor No. 5

(1) Major inspections

- a. Reactor
Inspection of reactor pressure vessel, structures inside reactor, and fuel
- b. Reactor cooling system equipment
Inspection of pipes, heat exchangers, pumps and valves
- c. Measurement and control system equipment
Inspection of control rod drive hydraulic control system; inspection and calibration of various measurement devices
- d. Radiation control equipment
Inspection and calibration of various radiation control measurement devices
- e. Reactor containment equipment
Seal testing of reactor building, containment equipment
- f. Steam turbines
Overhaul inspection of steam turbine equipment, disassembly and inspection of main valves, inspection of auxiliary equipment
- g. Other
Inspection of scrapped equipment, fuel equipment, emergency backup generator equipment, electrical equipment, etc.

(2) Major work

- a Fuel will be replaced. (Replacement assemblies are presently being examined.)
- b Work related to tsunami countermeasures*1 reflecting new findings based on the accident at Tokyo Electric Power Co., Inc.'s Fukushima Daiichi Nuclear Power Station resulting from the Tohoku-Pacific Ocean Earthquake and other incidents is ongoing. As part of this process, during the periodic inspection work will be conducted to connect the emergency seawater intake system (EWS) to the existing seawater cooling system.
- c Salt removal procedures and inspections to verify the soundness of equipment and fuel subsequent to the infiltration of seawater will be conducted continuously. (See attachment for details)
- d As a measure to prevent reoccurrence of damage to main condenser tubes,*2 any structures in which it is considered that the same phenomenon might occur will be subject to replacement work.

Attachment: Status of Response to Damage to Main Condenser Tubes in Hamaoka Nuclear Power Station Reactor No. 5

*1 Press release "Tsunami Countermeasures at Hamaoka Nuclear Power Station"

(Reported July 22, 2011)

*2 Operating information: "Damage to Main Condenser Tubes in Hamaoka Nuclear Power Station Reactor No. 5: Causes and Countermeasures"

(Reported July 15, 2011)