

Outline of Changes to the Maintenance Plan for Units 5-6 at Fukushima Daiichi Nuclear Power Station

1. Submission of changes to the maintenance plan

A special maintenance plan (Long-term storage plan) has been developed for the equipment/facilities necessary to maintain cold shut down condition of the reactor considering that Units 5 and 6 at Fukushima Daiichi Nuclear Power Station are under suspension for a long period of time due to the Tohoku-Chihou-Taiheiyou-Okai Earthquake which occurred in 2011. On December 27, 2012, changes to the maintenance plan have been submitted to the Nuclear Regulation Authority and the Minister of Economy, Trade and Industry.

2. Basic stance of the special maintenance plan (Long-term storage plan)

As for the equipment/facilities necessary to be in operation or function properly to maintain cold shut down condition of the reactor, a special maintenance plan has been developed in reference to the regular maintenance plan taking into account the operational status of each equipment/facility, as they are not included in the system structure applied during regular operation. For equipment/facilities not required for maintaining cold shut down condition and operations of power station, measures to maintain the current condition and water removal will be implemented.

(1) Equipment/facilities necessary to be maintained in order to ensure proper function

- "Equipment/facilities necessary to maintain cold shut down condition" and equipment/facilities related to compliance to the technical specification (Equipment/facilities to maintain cold shut down condition)
- Equipment/facilities necessary to maintain operations of power station (Equipment/facilities to maintain operations of power station)

(2) Measures to be implemented in order to ensure proper function of equipment/facilities

- Status monitoring method allowing for abnormality detection will be applied in order to confirm the soundness of equipment/facilities (Status monitoring technology, regular testing (voluntary safety test), patrol inspection, etc.).
- Voluntary safety testing will be performed to confirm the soundness of equipment/facilities during standby state, conduct disassembly inspection and overhaul inspection as necessary to ensure proper function.

3. Outline of changes to the maintenance plan (Special maintenance plan) [Example: Unit 5]

