

Interim Progress Report on the Restoration Plan in Accordance with the Nuclear Plant Operator's Anti-Disaster Measures Operation Plan for Fukushima Daini Nuclear Power Station (Outline)

October 16, 2012
Tokyo Electric Power Company

1. Outline

After the declaration of a Nuclear Emergency Situation was cancelled, a plan to implement the Measures for Restoration from Nuclear Emergency (hereafter the "restoration plan") was developed on January 31, 2012 (Revised on May 31, 2012). Based on the restoration plan, we have been working towards the restoration (permanent installation of the equipments/facilities necessary to maintain the cold shutdown condition) of Fukushima Daini Nuclear Power Station. As the restoration of Unit 3 and Unit 3-4 discharge channel monitoring equipment (common facility) on October 11, 2012, we have submitted an interim progress report (including these updates) to the government and municipalities on October 16, 2012.

2. Progress towards Restoration

Restoration Plan Management

Restoration progress management, maintenance of temporary equipments and facilities, safety control, radiation control and quality control are being executed by leveraging the power station emergency headquarters meetings, restoration schedule review meeting and power station related organizations including our affiliates such as the safety promotion council.



Power station emergency headquarters meeting

Measure Implementation Based on the Nuclear Operator Emergency Action Plan

Damage and contamination of the reactor facilities are assessed and necessary repairs and modifications are implemented as scheduled. The restoration of Unit 3 was completed on October 11, 2012 after the power supply equipments (power panel, cable, etc.) were permanently installed and an internal soundness inspection was performed. As for Unit 3-4 discharge channel monitoring equipment (common facility), a newly manufactured one was permanently installed on September 21, 2012.



Restored power panel

Responding to Instructions from the Government

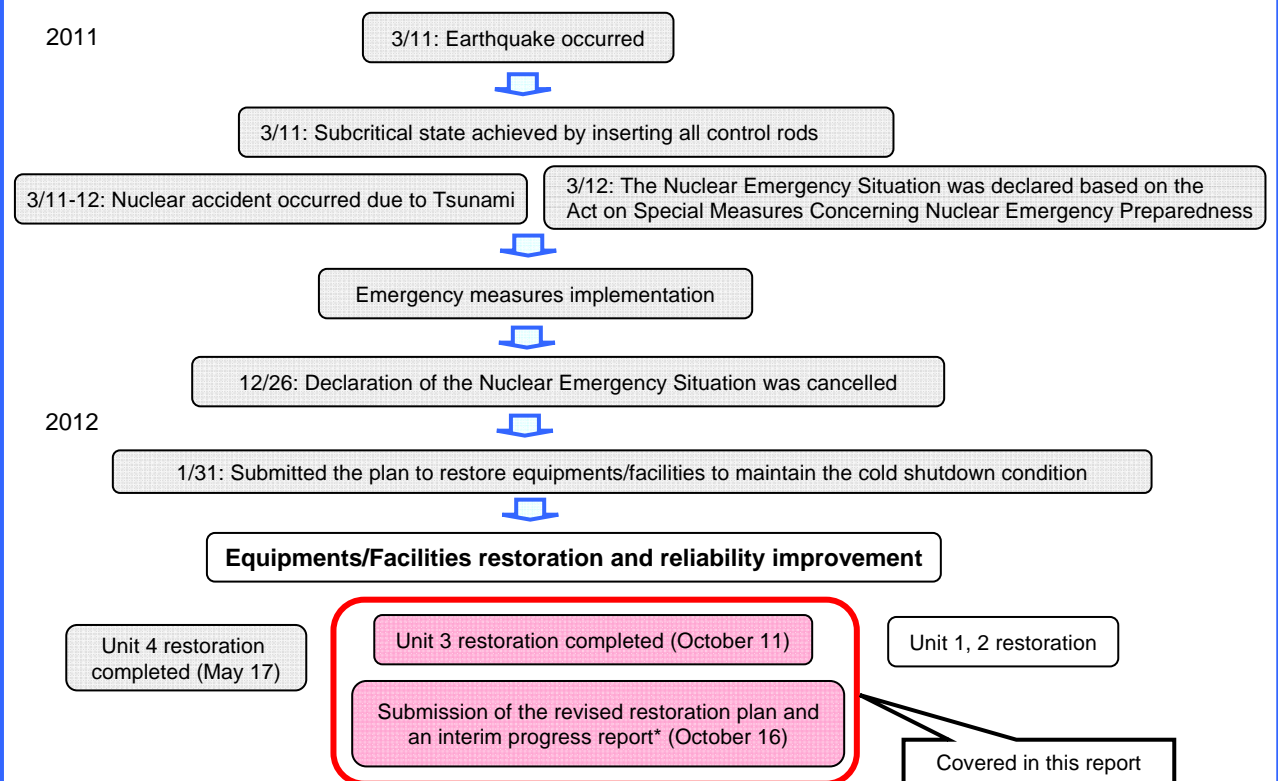
Restoration measures are being implemented in accordance with the directive documents given by NISA which includes the "Four Points to Consider" specified by the Nuclear Safety Commission at the time of the Nuclear Emergency Situation cancellation. As for the fourth point "Based on the past pressure and temperature records before cold shutdown that showed abnormal values different from those during a regular period, impacts of these elements on the facilities should be considered.", a plan sheet has been created and the impact analysis is being conducted on the target systems.

As of October 11, 2012

Impact Evaluation Schedule	2011		2012	
	2nd half	1st half	1st half	2nd half
Step 1: Selection of target systems	→			
Step 2: Evaluation	Unit 1			→
	Unit 2			→
	Unit 3			→
	Unit 4			→
Summary				→

(Legend) ▽: Planned completion ▼: Completion

3. Implementation Flow



4. Restoration Schedule

Progress Status of the Restoration Plan

(As of October 11, 2012)

Fukushima Daini Nuclear Power Station		FY 2011	FY 2012	
		2nd half	1st half	2nd half
Restoration (Permanent installation of equipments)	Unit 1	→		▽
	Unit 2	→		▽
	Unit 3	→		▼ Completed on October 11
	Unit 4	→	▼ Completed on May 17	

(Legend) ▽: Planned completion ▼: Completion

In accordance with the restoration plan, we will continue our utmost efforts in further enhancing the reliability of equipments and facilities necessary to maintain the cold shutdown.