

# An Overview of the Progress Report on the Restoration Plan Based on the Nuclear Plant Operator's Anti- Disaster Measures Operation Plan (Fukushima Daini Nuclear Power Station)

May 31, 2012  
Tokyo Electric Power Company

## 1. Overview

After the declaration of Nuclear Emergency Situation was cancelled, a plan to implement the Measures for Restoration from Nuclear Emergency (hereinafter referred to as "restoration plan") was developed on January 31, 2012. Based on the restoration plan, we have been working toward the permanent installation of the equipments/facilities necessary to maintain the cold shutdown condition of Fukushima Daini Nuclear Power Station. As all the equipments/facilities necessary for cold shutdown have been permanently installed for Unit 4, we have reported the progress to the government and municipalities.

## 2. Action Plans for Restoration

### Management System of the Restoration Plan

Restoration progress management, operation and maintenance of temporary equipments/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.

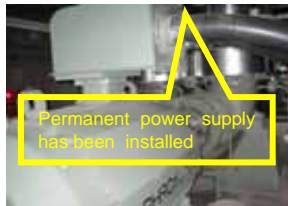


Power station emergency headquarters meeting

### Action implementation Based on the Nuclear Operator Emergency Action Plan

Damages and contamination of the reactor facilities are assessed and necessary repairs and modifications are implemented as scheduled.

As for Unit 4, a soundness inspection was done internally after the power supply equipments (power panels and cables) were permanently installed, and all the equipments/facilities have been restored on May 17, 2012. Visual inspection of the inside of PCV has completed for all units, and as a result, we found no abnormalities with the equipments/facilities which may hinder the cold shutdown function.



Restored equipment (Residual heat removal equipment cooling system)

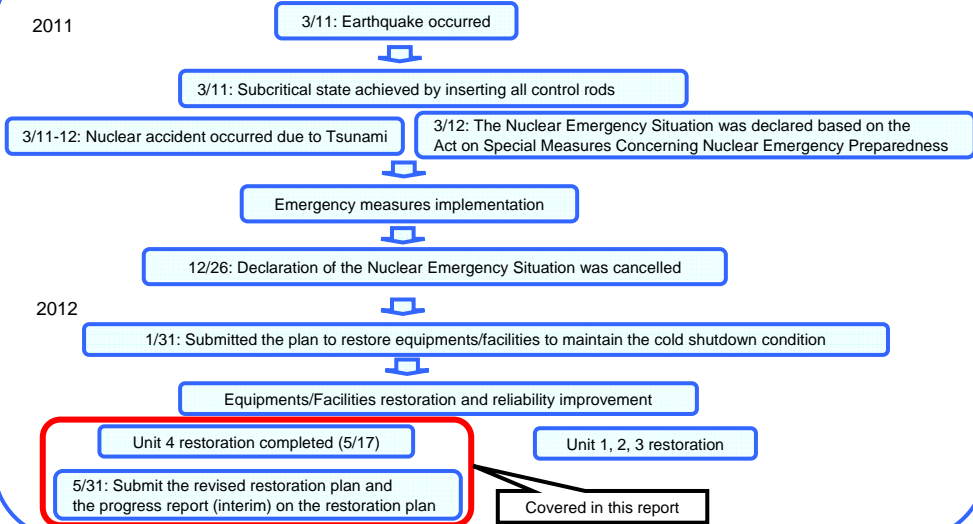
### Responding to Instructions from the Nuclear and Industrial Safety Agency (NISA)

Action plans are being implemented as planned in accordance with the directive document 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 to consider ("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.

Impact Evaluation Schedule		2011 2nd Half		2012	
				1st Half	2nd Half
Step 1: Select target systems		→			
Step 2: Evaluation	Unit 1			→	→
	Unit 2			→	→
	Unit 3			→	→
	Unit 4			→	→
Summary				→	→

(Legend) : Planned completion : Completion

## 3. Implementation Flow



## 4. Restoration Schedule

### Restoration Plan to Further Stabilize the Cold Shut Down Condition

Fukushima Daini Nuclear Power Station		2011 2nd Half	2012	
			1st Half	2nd Half
Permanent installation of equipments/ facilities)	Unit 1	→		
	Unit 2	→		
	Unit 3	→		
	Unit 4	→	→	May 17: Restoration completed

(Legend) : Planned completion : Completion

## 5. Revision to the Restoration Plan

The following revisions were made to the restoration plan.

1. Progress report submission: a progress report will be submitted once restoration for each unit is completed.
2. Revision made in accordance with the direction document from NISA: Plan sheet for the Impact evaluation was created upon request.

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