

Interim Progress Report on the Restoration Plan in Accordance with the Nuclear Operator Emergency Action Plan for Fukushima Daini Nuclear Power Station (Outline)

1. Outline

At Fukushima Daini Nuclear Power Station, the restoration of equipment/facilities necessary for maintaining cold shutdown is ongoing in accordance with the restoration plan (submitted on January 31, 2012, revised on May 31, October 16 and November 21, 2012) developed based on the Nuclear Operator Emergency Action Plan. At Unit 2, the restoration of the equipment/facilities necessary for maintaining cold shutdown and Units 1-2 discharge channel monitor (common facility) has been completed on February 15 and 18, 2013 respectively. An interim progress report with these updates incorporated has been submitted to the government and municipalities on February 20, 2013.

2. Progress towards Restoration

Restoration Plan Management

Restoration progress management, maintenance of temporary equipment/facilities, safety control, radiation control and quality control are being steadily implemented through 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

Investigation of conditions of damages and contamination of reactor facilities as well as the repair/modification of the damaged parts of reactor facilities are being carried out steadily. At Unit 2, after the power supply equipment (power panel, cable), etc. were restored with permanent equipment, soundness was confirmed at the internal voluntary inspection. On February 15, 2013, the restoration of equipment subject to the restoration plan was completed. A newly manufactured discharge channel monitor (common facility) was installed and the restoration with permanent equipment was completed on February 18, 2013.



Restored cooling system pump

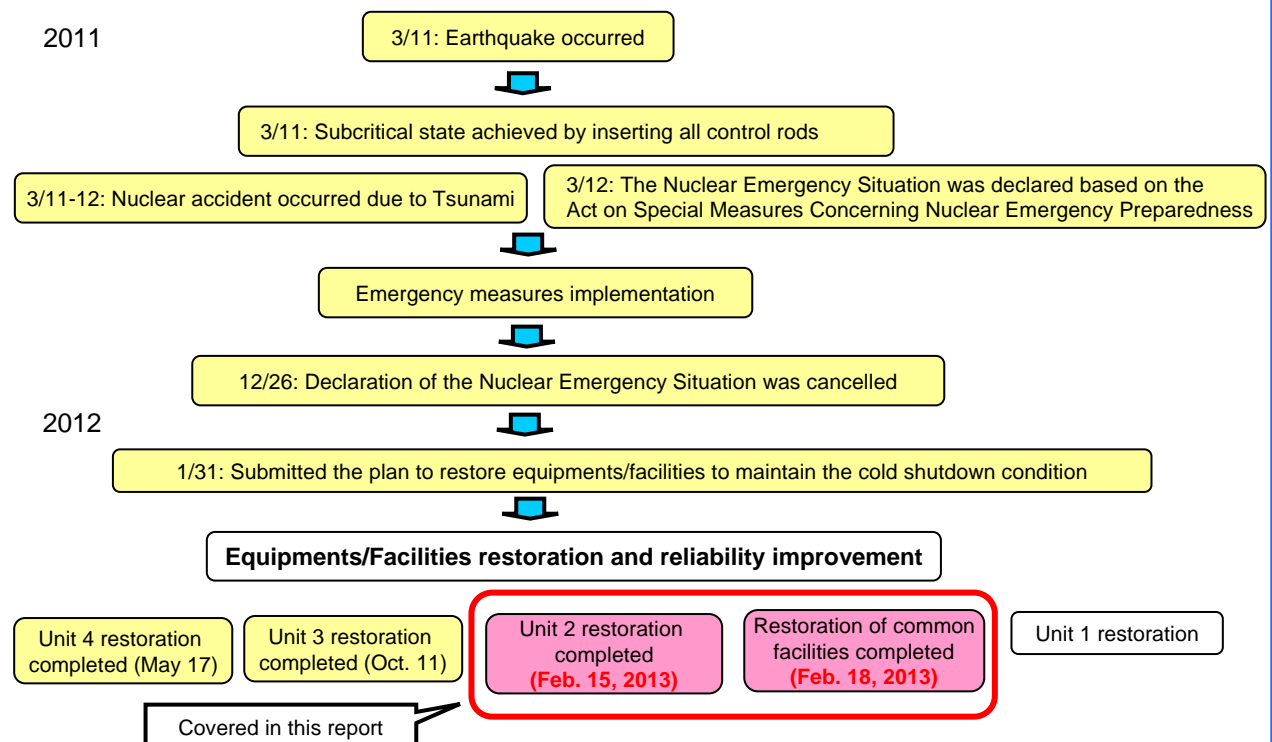
Responding to Directions from the Government

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.

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

(Legend) : Planned completion : Completion

3. Implementation Flow



4. Restoration Schedule

Progress Status of the Restoration Plan

(As of February 20, 2013)

Fukushima Daini Nuclear Power Station		FY 2011 2nd half	FY 2012	
			1st half	2nd half
Restoration (Installation of permanent equipment)	Unit 1	[Progress bar]		
	Unit 2	[Progress bar] Completed on Feb. 15, 2013		
	Unit 3	[Progress bar] Completed on Oct. 11		
	Unit 4	[Progress bar] Completed on May 17		
	Common facilities	[Progress bar] Completed on Feb. 18, 2013		

(Legend) : Planned completion : Completion

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