

News Release

Ministry of Economy,
Trade and Industry (METI)

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Press Release Information	Nuclear and Industrial Safety Agency (NISA), Ministry of Economy, Trade and Industry (METI)
Consequences of "the Niigataken Chuetsu-oki Earthquake in 2007" at Kashiwazaki-Kariwa Nuclear Power Station, Tokyo Electric Power Company (the 25th report)	

September 13, 2007

NISA/METI

On September 13, 2007, the Nuclear and Industrial Safety Agency (NISA) received information from Tokyo Electric Power Company on the status of inspection and restoration after "the Niigataken Chuetsu-oki Earthquake in 2007" as shown below.

I. Excerpts from the report submitted by Tokyo Electric Power Company

NISA received information from Tokyo Electric Power Company on the status of the major inspection and restoration (from September 7, 2007 to October 6, 2007) after "the Niigataken Chuetsu-oki Earthquake in 2007" at Kashiwazaki-Kariwa Nuclear Power Station as shown in the attachment.

In addition, the in-core inspection (Phase-2) of Unit-1 due to be commence on September 14, 2007.

II. Actions of NISA

1. At the in-core inspections of Unit-1 to Unit-7, NISA will check if there is any damage or significant deformation.
2. Nuclear Power Safety Inspectors will confirm the plant status reported by Tokyo Electric Power Company, including details of the facts and causes of the incidents.
3. At present, no significant reading of fluctuation is identified by either the radiation monitoring systems of the main stacks or the monitoring posts.

C/4/5

Contacts:

Mr. Nei

Nuclear Power Inspection Division, NISA/METI

Phone: +81-3-3501-9547(Direct)

Mr. Morita

Nuclear Incident Response Office,

Nuclear Emergency Preparedness Division, NISA/METI

Phone: +81-3-3501-1637(Direct)

Mr. Imai

Kashiwazaki-Kariwa Nuclear Safety Inspector's Office,

NISA/METI

Phone: +81-257-23-9798(Direct)

+81-257-45-3561(In Plant)

**Non-conformance and the Status of Inspection and Restoration Works after
“the Niigataken Chuetsu-oki Earthquake in 2007”
(Weekly Report: September 13)**

September 13, 2007
Tokyo Electric Power Company

Tokyo Electric Power Company provides this announcement the status of major inspection and restoration works of the plants (from September 9, 2007 to October 6, 2007) and non-conformance found in the inspection and restoration works after “the Niigataken Chuetsu-oki Earthquake in 2007” at Kashiwazaki-Kariwa Nuclear Power Station.

1. Status of Inspection and Restoration

- Inspection and restoration completed from September 7, 2007 to September 13, 2007
 - Unit-1 Refueling floor service tools inspection (working dolly): Scheduled to be completed on September 13

- Inspection commenced from September 14, 2007 to September 20, 2007
 - Unit-1 In-core inspection (Phase-2)
 - Unit-2-5 Visual inspection for the main exhaust duct (in-trench duct)
 - Unit-3 Blowout panel of reactor building restoration preparation
 - Unit-5 Refueling machine inspection
 - Unit-6 Refueling floor service tools inspection (stud tensioner etc.)
 - Unit-6 Main transformer inspection (oil extraction / inner inspection)
 - Unit-6 House transformer (A) inspection (oil extraction / inner inspection)
 - Unit-7 Main transformer inspection (oil extraction / inner inspection)
 - Periodic surveillance test (for EDG)

- Work Schedule and Results for Major Inspection and Restoration (from September 9, 2007 to October 6, 2007)
 - “Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigataken Chuetsu-oki Earthquake in 2007(during 4 Weeks)”----- Please refer to the Attachment 1

2. Non-conformance Found in the Inspection and Restoration Works Performed after “the Niigataken Chuetsu-oki Earthquake in 2007”

Based on the “Public Announcement Regarding Non-conformance Found in the Inspection and Restoration Works Performed after the Niigataken Chuetsu-oki Earthquake in 2007”, the Tokyo Electric Power Company, Incorporated. (TEPCO) provides this announcement containing incident information reported from September 6 to September 12, 2007 and the occurrence status of non-conformance (that have been deliberated) reported

from August 30 to September 5, 2007.

• Incident Information (relating to the Earthquake)

Sep. 6, 2007 - Sep. 12, 2007 (Total figure from Aug. 10, 2007)		Number of incidents by Announcement Category (Total figure from Aug. 10, 2007)	
Number of Reported Events	0 (1)	I	0(0)
		II	0(0)
		III	0(1)

Report from Sep. 6, 2007 - Sep. 12, 2007

Announcement Category	Date of Detection	Title of Report	Status
I	-	-	-
II	-	-	-
III	-	-	-

*An injured person due to "the Niigataken Chuetsu-oki Earthquake in 2007" after the occurrence of the earthquake are shown in "Other Findings" below.

• Non-conformance Information (those related to : the Chuetsu-oki Earthquake; Grades As, A, B, C, and D; and non-graded)

Aug. 30, 2007 - Sep. 5, 2007 (Total figure from July 16, 2007)	
Number of Reported Incidents	117(2758)

• Other Findings

- Total number of injured person at the Kashiwazaki-Kariwa at the occurrence of the Earthquake (from August 10, 2007), one person. No radiation exposure.

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigataken Chuetsu-oki Earthquake in 2007 (during 4 Weeks)

[Inspection / Restoration status]

◆ September 9(Sun), 2007- October 6(Sat), 2007

System/Equipment		Items	Sep 9 (Sun) to Sep 15 (Sat)	Sep 16 (Sun) to Sep 22 (Sat)	Sep 23 (Sun) to Sep 29 (Sat)	Sep 30 (Sun) to Oct 6 (Sat)	Status of Inspection/Restoration		
Unit 1	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection	▼					Inspection due to be completed on September 17.	
		Refueling machine inspection						Inspection due to be commenced in mid- October.	
		Refueling floor service tools inspection (working dolly) (stud tensioner etc.)	▼					Inspection due to be completed on September 13.	
		Incore inspection (Phase 2*) (Phase3*) Preparation	▼				▼	Coordinating for inspection start date. Scheduled for the Phase 2 inspection from September 14 to October 1. Preparation for Phase-3 inspection due to be commenced on October 2.	
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection						Scheduled for inspection from August 20 to October 26.	
	Restoration/Inspection of Equipments	Main exhaust ducts inspection	Preparation	▼					
			Inspection	▼				Scheduled for inspection from September 10 to September 15..	
		Reactor combination building B5F level leakage water disposal						Water cleanup for the passage and area underway.	
		Main transformer inspection						Coordinating for inspection start date.	
		House transformers inspection (oil extraction / inner inspection)	Inspection					1A: Inspection completed on September 4. 1B: Scheduled for inspection from October 8 to 12.	
Excitation transformers inspection (oil extraction / inner inspection)		Preparation					Preparation for inspection due to be commenced from October 13 to 18.		
Planning of visual inspection for major facilities and detailed inspection							Underway with collaboration with partner companies.		
Daily inspection work of site facilities, etc.									
Unit 2	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection				▼		Scheduled for inspection from August 27 to October 4.	
		Refueling machine inspection				▼		Scheduled for inspection from August 27 to October 5.	
		Refueling floor service tools inspection (stud tensioner etc.)						Scheduled for inspection from September 3 to October 18.	
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection						Inspection completed on August 24. Coordinating for turbine inspection timing.	
	Restoration/Inspection of Equipments	Main exhaust ducts inspection	Preparation	▼	▼				Preparation for inspection of the in-trench duct commenced on September 19.
			Inspection	▼		▼			Scheduled for inspection of outdoor from September 10 to 15. Inspection of the in-trench duct due to be commenced from September 19.
		Main transformer inspection (preparation for transportation from the factory)	Preparation						Coordinating for factory transportation date.
		House transformers inspection	Preparation						Preparation for inspection due to be commenced from October 15.
		Excitation transformers inspection (visual inspection)	Preparation						Preparation for inspection due to be commenced from October 9.
		Planning of visual inspection for major facilities and detailed inspection						Underway with collaboration with partner companies.	
Daily inspection work of site facilities, etc.									
Restoration for the blowout panel of turbine building	Preparation				▼		Provisional restoration completed. Preparation for the restoration work due to be commenced on October 1.		

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigataken Chuetsu-oki Earthquake in 2007 (during 4 Weeks)

[Inspection / Restoration status]

◆ September 9(Sun), 2007- October 6(Sat), 2007

System/Equipment	Items	Sep 9 (Sun) to Sep 15 (Sat)	Sep 16 (Sun) to Sep 22 (Sat)	Sep 23(Sun) to Sep 29 (Sat)	Sep 30(Sun) to Oct 6 (Sat)	Status of Inspection/Restoration		
Unit 3	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection	▼				Scheduled for inspection from August 20 to September 14.	
		Refueling machine inspection					Inspection due to be commenced in mid-November.	
		Refueling floor service tools inspection (stud tensioner etc.)					Inspection due to be commenced in late October.	
		Restoration for the blowout panel of reactor building	Preparation	▼			Provisional restoration completed. Preparation for the restoration work due to be commenced on September 18.	
	Relating to the Open Inspection of Turbines Restoration/Inspection of Equipments	Turbine building overhead crane inspection					Scheduled for inspection from August 27 to November 23.	
		Main exhaust ducts inspection	Preparation	▼				
			Inspection	▼	▼			Scheduled for inspection from September 10 to September 15.
		Main transformer inspection					Currently in the process of scheduling inspection.	
		House transformers inspection (visual inspection)	Preparation		▼			3A: Preparation completed on September 2. 3B: Transportation preparation (Scheduled for transportation from the factory on September 20)
			Inspection					3A:Inspection completed on September 4.
		(oil extraction / inner inspection)	Preparation					Preparation for inspection due to be commenced on October 15.
		Excitation transformers inspection	Preparation					Scheduled for visual inspection from October 18 to 19. Inner inspection due to be commenced on October 27.
		Planning of visual inspection for major facilities and detailed inspection						Underway with collaboration with partner companies.
		Daily inspection work of site facilities, etc.						
Restoration for the blowout panel of turbine building						Provisional restoration completed. Currently in the process of scheduling preparation for the restoration work.		
Unit 4	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Inspection due to be commenced in early October.	
		Refueling machine inspection					Inspection due to be commenced in mid-October.	
		Refueling floor service tools inspection (stud tensioner etc.)					Inspection due to be commenced in early October.	
	Relating to the Open Inspection of Turbines Restoration/Inspection of Equipments	Turbine building overhead crane inspection					Scheduled for inspection from September 3 to October 16.	
		Main exhaust ducts inspection	Preparation	▼	▼			Preparation for inspection of the in-trench duct commenced on September 19.
			Inspection	▼	▼			Scheduled for inspection of outdoor from September 10 to 15. Visual inspection of the in-trench duct due to be commenced on September 19.
		Main transformer inspection					Coordinating for inspection start date.	
		House transformers inspection					Coordinating for inspection start date.	
		Excitation transformers inspection					Coordinating for inspection start date.	
		Planning of visual inspection for major facilities and detailed inspection					Underway with collaboration with partner companies.	
Daily inspection work of site facilities, etc.								

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigataken Chuetsu-oki Earthquake in 2007 (during 4 Weeks)

[Inspection / Restoration status]

◆ September 9(Sun), 2007- October 6(Sat), 2007

System/Equipment		Items	Sep 9 (Sun) to Sep 15 (Sat)	Sep 16 (Sun) to Sep 22 (Sat)	Sep 23(Sun) to Sep 29 (Sat)	Sep 30(Sun) to Oct 6 (Sat)	Status of Inspection/Restoration		
Unit 5	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection	▼					Inspection due to be completed on October 1.	
		Refueling machine inspection	▼					Inspection due to be commenced on September 14.	
		Refueling floor service tools inspection (stud tensioner etc.)				▼		Inspection due to be commenced in early October.	
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection	▼					Scheduled for inspection from August 28 to October 17.	
	Restoration/Inspection of Equipments	Main exhaust ducts inspection	Preparation	▼	▼			Preparation for inspection of the in-trench duct commenced on September 19.	
			Inspection	▼	▼			Scheduled for inspection of outdoor from September 10 to 15. Inspection of the in-trench duct due to be commenced from September 19.	
		Planning of visual inspection for major facilities and detailed inspection						Underway with collaboration with partner companies.	
		Daily inspection work of site facilities, etc.							
	Unit 6	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection	▼					Damage cause under investigation. Inspection due to be commenced on September 10.
			Refueling machine inspection				▼		Inspection due to be commenced on October 2.
Refueling floor service tools inspection (stud tensioner etc.)			▼					Inspection due to be commenced on September 14.	
Relating to the Open Inspection of Turbines		Turbine building overhead crane inspection	▼					Scheduled for inspection from August 27 to October 4.	
Restoration/Inspection of Equipments		Main transformer inspection (oil extraction / inner inspection)	Preparation	▼	▼			Preparation for inspection due to be performed from September 14 to October 3.	
			Inspection				▼	Scheduled for inspection from October 4 to 6.	
		House transformers inspection (oil extraction / inner inspection)	Preparation	▼					Preparation for inspection performed from September 7 to 18.
			Inspection		▼	▼			6A: Scheduled for inspection from September 19 to 21. 6B: Scheduled for inspection from September 24 to 26.
		Planning of visual inspection for major facilities and detailed inspection						Underway with collaboration with partner companies.	
Daily inspection work of site facilities, etc.									
Unit 7	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection	▼					Inspection completed on September 6.	
		Refueling machine inspection			▼		Scheduled for inspection from August 29 to September 27.		
		Refueling floor service tools inspection (stud tensioner etc.)	▼					Scheduled for inspection from September 7 to October 1.	
		Reactor head opening				▼		Reactor head opening work due to be commenced in early October.	
		In-core inspection						In-core inspection due to be commenced after reactor head opening completed.	
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection	▼					Scheduled for inspection from August 27 to October 4.	
	Restoration/Inspection of Equipments	Main transformer inspection (oil extraction / inner inspection)	Preparation	▼					
			Inspection	▼					Inspection due to be commenced on September 14.
		Planning of visual inspection for major facilities and detailed inspection						Underway with collaboration with partner companies.	
		Daily inspection work of site facilities, etc.							

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigataken Chuetsu-oki Earthquake in 2007 (during 4 Weeks)

[Inspection / Restoration status]

◆ September 9(Sun), 2007- October 6(Sat), 2007

System/Equipment	Items	Sep 9 (Sun) to Sep 15 (Sat)	Sep 16 (Sun) to Sep 22 (Sat)	Sep 23(Sun) to Sep 29 (Sat)	Sep 30(Sun) to Oct 6 (Sat)	Status of Inspection/Restoration
Common Activities for the Power Plant	Verification run for stand-by equipments	Preparation	[Progress bar with arrow pointing to Sep 23]			Train inspection of the standby gas treatment system prior to verification operation. Pre-operational inspection of the fuel pool cooling water system back up equipments. Verification operation of the standby gas treatment system due to be performed on September 7, 14, 18, 21, and 26 to 28. Verification operation of the fuel pool cooling water system back up pumps due to be performed on September 18 to 21, 25 and 27. Scheduled for periodic surveillance test from September 19 to 21.
		Operation	[Progress bar with arrow pointing to Sep 29]			
	Periodic surveillance test (for EDG)		[Progress bar with arrow pointing to Sep 20]			
Transformer (common) /Switch Yard	Repair/restoration of low voltage start-up transformer 6SB		[Progress bar with arrow pointing to Sep 16]			Restoration completed on September 6.
	High voltage start-up transformer No.1 (preparation for transportation from the factory)		[Progress bar with arrow pointing to Sep 23]			Preparation for transportation from the factory commenced on August 27 (Transported due to commenced on September 20).
	On-site check & inspection of the oil protection bank for the transformer					Provisional restoration due to be completed on September 22. On-site inspection of the low voltage start-up transformers (1SA, 1SB) completed on September 10. On-site inspection of other systems had been already completed.
Environmental Facilities	On-site check & inspection of the incineration facility					For incinerators situated at Arahama and Ominato side, inspection currently under way (Inspection of the Ominato side incinerator due to be completed in late September).
	House boilers inspection					House boiler (Arahama side) 1A, 2A, 2B are currently under inspection. House boiler (Ominato side) 4B is currently under inspection (Inspection due to be completed in mid-October).
Solid Waste Storage Facility	Restoration work					Preparation for equipments and materials for restoration is currently under way.
Others	Restoration work for administration building/information building					
	Restoration work for the on-site/outside roads & slope, etc.					
	On-site maintenance work					
	Dismantling of the Arahama-side arrester steel tower					Preparation due to be commenced on September 8. Dismantling due to be commenced in mid-October.

Note-1: We will notify you of inspection results for each system as soon as they are made available.

Note-2: Please note that details of the actual inspection/restoration work and their implementation schedule may be changed depending on conditions.

*Phase 1: Inspection for the upper part of the reactors, Phase 2: Inspection for the middle part (reactor core) of the reactors, Phase 3: Inspection for the bottom part of the reactors.