

News Release

Ministry of Economy,
Trade and Industry (METI)

PRI-07-62

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 20 th report)	

August 17, 2007

NISA/METI

On August 17, 2007, Nuclear and Industrial Safety Agency (NISA) received non-conformities found in the inspection and restoration after the Niigataken Chuetsu-oki Earthquake in 2007 as shown below.

(Excerpts from the report submitted by Tokyo Electric Power Company)

Tokyo Electric Power Company submitted the report regarding the incidents found during the inspection and restoration between 10th and 16th August at Kashiwazaki-Kariwa NPP after the Niigataken Chuetsu-oki Earthquake in 2007 as well as the inspection and restoration schedule of the plant as shown on the Attachment.

(Actions of NISA)

1. Tokyo Electric Power Company plans to conduct the inspection of the reactor of Unit 1 step by step starting with its upper part to the bottom and to release video films on the inspection to the public as needed. NISA will confirm the presence of damages and significant deformations in the reactor.
2. As for Unit 7, the inspection of the reactor is scheduled for starting in October 2007. As in the case of Unit 1, NISA will confirm the presence of damage and significant deformations in the reactor.
3. Nuclear Power Safety Inspectors confirm the plant status reported by Tokyo Electric Power Company, including details of the facts and causes of the incidents.
4. At present, no significant reading of fluctuation is identified by either the radiation monitoring systems of the main stacks nor the monitoring posts.

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Non-conformances Found in the Inspection and Restoration Works Performed after “the Niigataken Chuetsu-oki Earthquake in 2007”
(Weekly Report: August 10 to 16, 2007)

August 17, 2007
Tokyo Electric Power Company

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 August 10 to 16, 2007 and the occurrence status of non-conformance (that have been deliberated) reported from August 1 to 8, 2007.

1. Incident Information (relating to the Earthquake)

Aug. 10, 2007 - Aug. 16, 2007 (Total Figure from Aug. 10, 2007)		Number of incidents by Announcement Category (Total Figure from Aug. 10, 2007)	
Number of incidents	0 (0)	I	0(0)
		II	0(0)
		III	0(0)

Report from Aug. 10, 2007 to Aug. 16, 2007

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

No incident related to the Earthquake occurred during the period mentioned above.

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

Aug. 1, 2007 - Aug. 8, 2007 (Total Figure from July 16, 2007)	
Number of Reported incidents	470(1948)

3. Schedule for major inspection and restoration of the plant

Please refer to the Attachment “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)”

4. Other Findings

None

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]

◆ From August 11, 2007 (Sat) to September 8, 2007 (Sat)

System/Equipment		Items	Aug 11 (Sat) to Aug 18 (Sat)	Aug 19 (Sun) to Aug 25 (Sat)	Aug 26 (Sun) to Sep 1 (Sat)	Sep 2(Sun) to Sep 8 (Sat)	Status of Inspection/Restoration
Unit 1	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Detailed inspection commenced on August 20.
		Refueling machine inspection					Visual inspection completed. Detailed inspection due to be commenced in early October.
		Refueling floor service tools inspection (working dolly, stud tensioners, etc.)					Visual inspection of the stud tensioner commenced on August 16.
		Incore inspection (Phase 1*)					Inspection due to be commenced on August 21. Phase 2 due to be commenced in mid-September.
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on August 20.
	Restoration/Inspection of Equipments	Main exhaust ducts inspection preparation					Inspection due to be commenced on around September 10.
		Reactor combination building B5F level leakage water disposal					Disposal of leaked water due to be completed by the end of August. Cleaning of the area and inspection of the submerged equipment due to be performed afterwards.
		Main transformer inspection (including preparation)					Scaffolding for the inspection installed.
		House transformers/excitation transformers inspection (including preparation)					Oil extraction due to be commenced by the end of August. Inner inspection due to be commenced afterwards.
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting companies.
Daily inspection work of site facilities, etc.							
Unit 2	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling machine inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling floor service tools inspection (stud tensioners, etc.)					Visual inspection completed. Currently in the process of scheduling detailed inspection.
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Inspection due to be completed on August 24.
	Restoration/Inspection of Equipments	Main exhaust ducts inspection preparation					Inspection due to be commenced on around September 10.
		Main transformer inspection (including preparation)					Scaffolding for the inspection due to be installed in early September.
		House transformers/excitation transformers inspection (including preparation)					Scaffolding for the inspection due to be installed in early September.
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting companies.
	Daily inspection work of site facilities, etc.						
	Unit 3	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection				
Refueling machine inspection							Visual inspection completed. Currently in the process of scheduling detailed inspection.
Refueling floor service tools inspection (stud tensioners, etc.)							Visual inspection completed. Currently in the process of scheduling detailed inspection.
Restoration for the blowout panel of reactor building							Scaffolding for the inspection due to be installed.
Relating to the Open Inspection of Turbines		Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on August 27.
Restoration/Inspection of Equipments		Main exhaust ducts inspection preparation					Inspection due to be commenced on around September 10.
		Main transformer inspection (including preparation)					Scaffolding for the inspection due to be installed in early September.
		House transformers/excitation transformers inspection (including preparation)					Scaffolding for the inspection due to be installed by the end of August.
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting 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]

◆ From August 11, 2007 (Sat) to September 8, 2007 (Sat)

System/Equipment		Items	Aug 11 (Sat) to Aug 18 (Sat)	Aug 19 (Sun) to Aug 25 (Sat)	Aug 26 (Sun) to Sep 1 (Sat)	Sep 2(Sun) to Sep 8 (Sat)	Status of Inspection/Restoration
Unit 4	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling machine inspection					Visual inspection currently under way.
		Refueling floor service tools inspection (stud tensioners, etc.)					Currently in the process of scheduling detailed inspection.
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on September 3.
Restoration/Inspection of Equipments		Main exhaust ducts inspection preparation					Inspection due to be commenced on around September 10.
		Main transformer inspection (including preparation)					Scaffolding for the inspection due to be installed in early September.
		House transformers/excitation transformers inspection (including preparation)					Scaffolding for the inspection due to be installed by the end of August.
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting companies.
Unit 5	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling machine inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling floor service tools inspection (stud tensioners, etc.)					Visual inspection completed. Currently in the process of scheduling detailed inspection.
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on September 3.
Restoration/Inspection of Equipments		Main exhaust ducts inspection preparation					Inspection due to be commenced on around September 10.
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting companies.
		Daily inspection work of site facilities, etc.					
Unit 6	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Inspection to determine cause of the damage currently under way.
		Refueling machine inspection					Visual inspection completed. Currently in the process of scheduling detailed inspection.
		Refueling floor service tools inspection (stud tensioners, etc.)					Visual inspection completed. Currently in the process of scheduling detailed inspection.
	Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on August 27.
Restoration/Inspection of Equipments		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting companies.
		Daily inspection work of site facilities, etc.					
Unit 7	Relating to the Open Inspection of Reactors	Reactor building overhead crane inspection					Visual inspection completed. Detailed inspection commenced on August 20.
		Refueling machine inspection					Visual inspection completed. Detailed inspection due to be commenced on August 20.
		Refueling floor service tools inspection (working dolly, stud tensioners, etc.)					Visual inspection completed. Detailed inspection due to be commenced on August 25.
		Incore inspection					Open inspection of the reactor targeted for October.
Relating to the Open Inspection of Turbines	Turbine building overhead crane inspection					Visual inspection completed. Detailed inspection due to be commenced on August 27.	
Restoration/Inspection of Equipments		Main transformer inspection (including preparation)					Visual inspection commenced on August 20. (including preparation oil-extraction devices)
		Planning of visual inspection for major facilities and detailed inspection					Currently under way in cooperation with supporting 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]

◆ From August 11, 2007 (Sat) to September 8, 2007 (Sat)

System/Equipment	Items	Aug 11 (Sat) to Aug 18 (Sat)	Aug 19 (Sun) to Aug 25 (Sat)	Aug 26 (Sun) to Sep 1 (Sat)	Sep 2(Sun) to Sep 8 (Sat)	Status of Inspection/Restoration
Common Activities for the Power Plant	Verification run for off-line equipments					Scheduled to be performed for the residual heat removal system (stand-by).
	Periodic surveillance test (for EDG)					
Transformer (common) /Switch Yard	Repair/restoration of low voltage start-up transformer 6SB					Restoration due to be completed in early September.
	On-site check & inspection of the oil protection bank for the transformer					Provisional restoration due to be completed in early September.
	Inspection preparation & restoration for the bushing of Minami-Niigata transmission line (No.2)					As a tentative measure, replacement to spare parts due to be made in the end of August.
Environmental Facilities	On-site check & inspection of the incineration facility					Confirmation of the inside of the Arahama-side incinerator completed on August 16.
	Inspection of house boilers					Confirmed no-malfunction on the house boiler 3A by its operation on August 11.
Solid Waste Storage Facility	Contamination measurement & restoration work for the Solid Waste Storage Facility					Provisional restoration due to be completed in the end of August. Substantial restoration to be contemplated in September.
Others	Restoration work for administration building/information building					
	Restoration work for the on-site/outside roads & slope, etc.					
	On-site maintenance work					

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