

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

August 23, 2007

[Inspection / Restoration Status]

◆ From August 19, 2007 (Sun) to September 15, 2007 (Sat)

System/Equipment		Items	Aug 19 (Sun) to Aug 25 (Sat)	Aug 26 (Sun) to Sep 1 (Sat)	Sep 2 (Sun) to Sep 8 (Sat)	Sep 9 (Sun) to Sep 15 (Sat)	Status of Inspection/Restoration
Unit No.1	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Detailed inspection commenced on August 20.
		Refueling machine inspection					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 completed on August 21. Inspection of the working dolly under way.
		Incore inspection (Phase 1)					Inspection performed from August 21 to 23. Phase 2* due to be commenced in mid-September.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Detailed inspection 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 transformers inspection (including preparation)					Visual inspection due to be performed from August 26 to September 1, preparation for oil extraction due to be commenced on September 2.
		House transformers/excitation transformers inspection (including preparation)					Visual inspection of the house transformer currently under way (scheduled to performed on August 23 and 24). Oil extraction due to be commenced on August 30. 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 No.2	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Detailed inspection due to be commenced on August 27.
		Refueling machine inspection					Detailed inspection due to be commenced on August 27.
		Refueling floor service tools inspection (stud tensioners, etc.)					Detailed inspection due to be commenced on August 27.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					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 transformers 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.					
	Restoration for the blowout panel of turbine building						Provisional restoration completed. Preparation for the restoration work due to be commenced in late September.
Unit No.3	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Detailed inspection commenced on August 20.
		Refueling machine inspection					Currently in the process of scheduling detailed inspection.
		Refueling floor service tools inspection (stud tensioners, etc.)					Currently in the process of scheduling detailed inspection.
		Restoration for the blowout panel of reactor building					Provisional restoration completed. Preparation for the restoration work due to be commenced in mid-September.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					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 transformers inspection (including preparation)					Scaffolding for the inspection due to be installed in early September.
		House transformers/excitation transformers inspection (including preparation)					Detailed visual inspection due to be commenced on September 3. Oil extraction due to be commenced on September 8. 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.					
Restoration for the blowout panel of turbine building						Provisional restoration completed. Preparation for the restoration work due to be commenced in late September.	
Unit No.4	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Currently in the process of scheduling detailed inspection.
		Refueling machine inspection					Visual inspection completed on August 17. Currently in the process of scheduling detailed inspection.
		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 ceiling crane inspection					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 transformers inspection (including preparation)					Currently in the process of scheduling inspection.
		House transformers/excitation transformers inspection (including preparation)					Currently in the process of scheduling inspection.
		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.					

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Unit No.5	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Currently in the process of scheduling detailed inspection.	
		Refueling machine inspection					Currently in the process of scheduling detailed inspection.	
		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 ceiling crane inspection					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 No.6	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Inspection to determine causes of the damage currently under way. Currently in the process of scheduling detailed inspection.	
		Refueling machine inspection					Visual inspection completed on August 20. Currently in the process of scheduling detailed inspection.	
		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 ceiling crane inspection					Detailed inspection due to be commenced on August 27.	
	Restoration/Inspection of Equipments	House transformers inspection (including preparation)						Oil extraction due to be commenced in late September. 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 No.7	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection					Detailed inspection commenced on August 20.	
		Refueling machine inspection					Visual inspection currently under way (scheduled for completion on August 24). Detailed inspection due to be commenced on September 3.	
		Refueling floor service tools inspection (working dolly, stud tensioners, etc.)					Detailed inspection due to be commenced in mid-September.	
		Incore inspection					Open inspection of the reactor targeted for October.	
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Detailed inspection due to be commenced on August 27.	
	Restoration/Inspection of Equipments	Main transformers inspection (including preparation)						Detailed visual inspection completed on August 22. Oil extraction due to be commenced in mid-September. 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.								
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 tests (for emergency diesel generators)						
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 mid-September. On-site inspection for Unit 5 completed on August 23; for Unit 6 and low-voltage start-up transformers (1SA, 1SB) due to be completed in the end of August; and for other systems already completed.	
	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					For incinerators situated at Arahama and Ominato side, inspection currently under way.	
		Inspection of house boilers					House boiler 3A (Arahama side) already restored. House boiler 4A & 4B (Ominato side) currently under inspection. House boiler 4C due to be in operation on August 23.	
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							

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

- 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 reactor, Phase 3 : Inspection for the bottom part of the reactor

 Inspection Work
 Preparatory Work