

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks)(1/4)

【Inspection/Restoration Status】

◆From September 23rd, 2007 (Sun) to October 10th, 2007 (Sat)

System/Equipment	Items	Sept. 23 (Sun) to Sept.29 (Sat)	Sept. 30 (Sun) to Oct.6 (Sat)	Oct. 7 (Sun) to Oct.13 (Sat)	Oct. 14 (Sun) to Oct.20 (Sat)	Status of Inspection/Restoration	
Unit No.1	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection				Inspection completed on Sept. 18th.	
		Refueling machine inspection				Inspection to be commenced in mid-October.	
		Refueling floor service tools inspection (stud tensioners, etc.)				Coordinating for inspection start date.	
		In-core inspection (Phase2*) (Phase3*) preparation					Phase2 * inspection planned from Sept. 14th to Oct 1st.
							Phase3 * inspection preparation planned from Oct 2nd.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Inspection planned from Aug. 20th to Oct. 26th.
		Turbine internal inspectioon					Casing opening and internal inspection planned from early November to early December.
	Restoration/Inspection of Equipments	Reactor combination building B5F level leakage water disposal					Floor cleaning to be completed in mid-October.
		Main transformers inspection					Coordinating for inspection start date.
		House transformers inspection (oil extraction/ inner inspection)					1A inspection completed. 1B inspection planned from Oct. 8th to 12th.
		Excitation transformers inspection (oil extraction/ inner inspection) preparation					To be prepared from Oct. 8th to 13th.
		inspection					
Unit No.2	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection				Inspection planned from Aug. 27th to Oct. 4th.	
		Refueling machine inspection				Inspection planned from Aug. 27th to Oct. 2nd.	
		Refueling floor service tools inspection (stud tensioners, etc.)					Inspection planned from Sept. 3rd to Oct. 18th
		Reactor head opening					Reactor head opening work from Oct. 19th.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Inspection completed on Aug. 24th.
		Turbine internal inspectioon					Casing opening and internal inspection planned from early November to early December.
	Restoration/Inspection of Equipments	Main exhaust ducts inspection preparation (in-trench preparation)					Inspection preparation for the in-trench duct from Sept. 19th to Oct. 2nd.
		inspection					In-trench duct planned for inspection after preparation is ready.
		Main transformers inspection (preparation for tranportation from the factory) preparation					To be prepared from Oct. 8th.
		House transformers inspection preparation					2A, 2B To be prepared from Oct. 15th.
		Excitation transformers inspection (visual inspection) preparation					To be prepared from Oct. 29th.
		Restoration for the blowout panel of turbine building					

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks) (2/4)

【Inspection/Restoration Status】

◆From September 23rd, 2007 (Sun) to October 10th, 2007 (Sat)

System/Equipment	Items	Sept. 23 (Sun) to Sept.29 (Sat)	Sept. 30 (Sun) to Oct.6 (Sat)	Oct. 7 (Sun) to Oct.13 (Sat)	Oct. 14 (Sun) to Oct.20 (Sat)	Status of Inspection/Restoration	
Unit No.3	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection				Inspection completed on Sept. 14th.	
		Refueling machine inspection				Inspection due to be commenced in mid-November.	
		Refueling floor service tools inspection (stud tensioners, etc.)				Inspection due to be commenced on Oct. 24th.	
		Restoration for the blowout panel of reactor building					Provisional restoration completed. Survey for restoration commenced on Sept. 25th.
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Inspection planned from Aug. 27th to Nov. 23rd.
		Turbine internal inspectioon					Casing opening and internal inspection planned from early December to late December.
	Restoration/Inspection of Equipments	Main transformers inspection					Coordinating for inspection start date.
		House transformers inspection (oil extraction/ inner inspection)					3A To be prepared from Oct. 15th.
		inspection					3A Inner inspection planned from Oct. 18th to 23rd. ※3B Transportation completed on Sept. 20th.
		Excitation transformers inspection					Visual inspection planned on Oct. 18th & 19th. Inner inspection planned from Oct. 27th.
	Restoration for the blowout panel of turbine building					Provisional restoration completed. Currently in the process of scheduling the restoration work .	
Unit No.4	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection				Inspection due to be commenced on Oct. 5th.	
		Refueling machine inspection				Inspection due to be commenced on Oct. 15th.	
		Refueling floor service tools inspection (stud tensioners, etc.)				Inspection due to be commenced on Oct. 9th.	
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection					Inspection planned from Sept. 3rd to Oct. 5th.
		Turbine internal inspectioon					Casing opening and internal inspection planned from early November to late November.
	Restoration/Inspection of Equipments	Main exhaust ducts inspection preparation (in-trench preparation)					Inspection preparation for the in-trmch duct from Sept. 19th to Oct. 2nd.
		inspection					In-trench duct planned for inspection after preparation is ready.
		Main transformers inspection					Coordinating for inspection start date.
		House transformers inspection					4A, 4B Coordinating for inspection start date.
		Excitation transformers inspection					Coordinating for inspection start date.

Work Schedule of the Main Inspection/Restoration of Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks) (3/4)

【Inspection/Restoration Status】

◆From September 23rd, 2007 (Sun) to October 10th, 2007 (Sat)

System/Equipment	Items	Sept. 23 (Sun) to Sept.29 (Sat)	Sept. 30 (Sun) to Oct.6 (Sat)	Oct. 7 (Sun) to Oct.13 (Sat)	Oct. 14 (Sun) to Oct.20 (Sat)	Status of Inspection/Restoration		
Unit No.5	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection	▶			To be completed on Sept. 28th.		
		Refueling machine inspection	▶				Inspection planned from Sept. 20th to Oct. 19th.	
		Refueling floor service tools inspection (stud tensioners, etc.)		▶			Inspection planned from Oct. 1st to 10th.	
		Reactor head opening				▶	Reactor head opening work from Oct. 20th.	
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection	▶				Inspection planned from Aug. 28th to Oct. 17th.	
		Turbine internal inspectioon					Casing opening and internal inspection planned from late October to late December.	
	Restoration/Inspection of Equipments	Main exhaust ducts inspection preparation (in-trench preparation inspection)	▶				Inspection preparation for the in-trench duct from Sept. 19th to Oct. 2nd. In-trench duct planned for inspection after preparation is ready.	
		Main generator inspection					Inspection due to be commenced from mid-October.	
	Unit No.6	Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection	▶			Inspection planned from Sept. 10th to Oct. 3rd.	
			Refueling machine inspection		▶			
Refueling floor service tools inspection (stud tensioners, etc.)			▶				Inspection planned from Sept. 17th to Oct. 27th.	
Relating to the Open Inspection of Turbines		Turbine building ceiling crane inspection	▶				Inspection planned from Aug. 27th to Oct. 4th.	
		Turbine internal inspectioon			▶		Casing opening and internal inspection planned from Oct. 11th to late October.	
Restoration/Inspection of Equipments		Main transformers inspection (oil extraction/ inner inspection)	▶				To be prepared from Sept.14th to Oct. 3rd. Preparation to be transported out of the factory from Oct. 7th.	
				▶			Inspection planned from Oct. 4th to 6th.	
		House transformers inspection (oil extraction/ inner inspection)	▶				Preparation to be transported out of the factory from Sept. 22nd.	
			▶			6A Inspection completed on Sept. 25th. 6B Inspection completed on Sept. 26th.		
Unit No.7		Relating to the Open Inspection of Reactors	Reactor building ceiling crane inspection				Inspection completed on Sept. 6th.	
	Refueling machine inspection inspection		▶			Inspection to be completed on Sept. 27th.		
	Refueling floor service tools inspection (stud tensioners, etc.)		▶			Inspection planned from Sept. 7th to Oct 1st.		
	Reactor head opening			▶			Reactor head opening work from Oct. 2nd to 8th.	
	In-core inspection				▶		In-core inspection to be commenced after reactor head opening completed.	
	Relating to the Open Inspection of Turbines	Turbine building ceiling crane inspection	▶				Inspection planned from Aug. 27th to Oct. 4th.	
		Turbine internal inspectioon			▶		Casing opening and internal inspection planned from Oct. 8th to late November.	
	Restoration/Inspection of Equipments	Main transformers inspection (oil extraction/ inner inspection)	▶				Preparation to be transported out of the factory from Sept. 19th. Inspection completed on Sept. 21st.	
		House transformers inspection (oil extraction/ inner inspection)					7A, 7B Inspection preparation due to be commenced in late October.	
		Main generator inspection			▶		Inspection due to be commenced on Oct. 8th.	
Removal of spent fuel pool underwater work platform		▶				Work planned from Sept. 27th to 30th.		

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

【Inspection/Restoration Status】

◆From September 23rd, 2007 (Sun) to October 10th, 2007 (Sat)

System/Equipment	Items	Sept. 23 (Sun) to Sept.29 (Sat)	Sept. 30 (Sun) to Oct.6 (Sat)	Oct. 7 (Sun) to Oct.13 (Sat)	Oct. 14 (Sun) to Oct.20 (Sat)	Status of Inspection/Restoration
Common Activities for the Power Plant	Verification operation of stand-by equipments operation					Verificaiton operation to be conducted on Sept. 27th, 28th and Oct. 2nd. Fuel pool cooling water system back up pump verification run planned on Sept. 27th and 28th. Verification operation of the emergency core cooling systems and stand-by liquid control system planned from early October.
	High-voltage start-up transformer #1(preparation for transporation from the factory) preparation					Transportation completed on Sept. 20th.
Transformer (common)/Switch Yard	On-site check & inspection of the oil protection bank for the transformer					Provisional restoration completed on Sept. 20th.
	On-site check & inspection of the incineration facility					For incinerators situated at Arahama side, inspection currently under way. Start-up of Ohminato-side incinerator on Sept. 26th.
Environmental Facilities	Inspection of house boilers					House boiler (Arahama-side) 1A, 2A, 2B: inspection underway. (Ohminato-side) 4B: inspection underway (Inspection to be completed in mid-October)
	Restoration work preparation					Restoration work equipment under preparation.
Solid Waste Storage Facility	Restoration work for administration building/information building					
	Restoration work for the on-site/outside roads & slope, etc.					
	On-site maintenance work					
	Dismantling of Arahama-side arrestor steel tower preparation					Preparation from Sept. 8th. To be dismantled from mid-October.
Others						

※ Inspection results for each facilities will be announced as soon as they compiled.

※ Inspection and restoration work and execution date for each item may alter according to the situation.

* 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