

### Work Schedule of the Main Inspection/Restoration of the Kashiwazaki-Kariwa Nuclear Power Station in Response to the Niigata-Chuetsu-Oki Earthquake (during 4 Weeks)(1/2)

【Inspection/Restoration Status】  
◆From January 17, 2010 (Sun) to February 13, 2010 (Sat)

System / Equipment		Items	January 17 (Sun) to January 23 (Sat)	January 24 (Sun) to January 30 (Sat)	January 31 (Sun) to February 6 (Sat)	February 7 (Sun) to February 13 (Sat)	Status of Inspection / Restoration	
Unit 1	Reactor facilities	Reactor pressure vessel closure					Closure work completed on Jan. 8, 2010.	
		Primary containment vessel closure					Closure work commenced on Jan. 9, 2010. Coordinating for the closure period of equipments in primary containment vessel (control rod drive mechanism) inspection.	
	Other facilities	Main generator inspection					Inspection completed on Jan. 15, 2010.	
		Circulating water pipe inspection					Foundation improvement, excavating work, and inspection of pipes completed on Jan. 12, 2010.	
		Outdoor duct inspection					Outdoor duct inspection to be conducted on Jan. 26 and Jan. 27, 2010.	
Verification of system integrity	System functional test					System functional test commenced on Nov. 17, 2009. Partial interlock functional test of liquid waste storage facility and disposal equipment #2 conducted on Jan. 15, 2010. Partial interlock functional test of liquid waste storage facility and disposal equipment #1 conducted on Jan. 16, 2010. Functional test of primary containment vessel isolation valve conducted on Jan. 19, 2010. Functional test of control rod drive system conducted on Jan. 20, 2010. Functional test of feed water pump to be conducted on Jan. 20, 2010. Selected control rod insertion inspection to be conducted on Jan. 21, 2010. Partial interlock functional test of reactor protection system to be conducted on Jan. 22, 2010.		
Unit 2	Turbine facilities	Turbine inspection					High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on Dec. 7, 2009.	
	Other facilities	House transformer inspection					Carrying in and installation work commenced on Nov. 30, 2009.	
		Excitation transformer inspection					Carrying in and installation work commenced on Nov. 30, 2009.	
		Main generator inspection					Inspection commenced on Mar. 19, 2008.	
		Main exhaust duct inspection / restoration					Preparation for restoration work commenced on Aug. 9, 2008. Restoration of substructure commenced on Dec. 1, 2008.	
Unit 3	Turbine facilities	Turbine inspection					High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on May 7, 2008.	
	Other facilities	Main transformer inspection					Carrying in and installation work commenced on Aug. 10, 2009.	
		House transformer inspection					3A, 3B Installation work commenced on Nov. 18, 2008.	
		Excitation transformer inspection					Installation work commenced on Nov. 18, 2008.	
		Main generator inspection					Inspection commenced on Feb. 20, 2008.	
		Inspection of power supply input transformer of the primary loop recirculation system adjustable speed drive					Transformer (B) carrying in and installation work commenced on May 21, 2009. Transformer (A) carrying in and installation work commenced on Jun 2009	
		500kV power cable inspection					Laying cables to be conducted from Jul. 17, 2009 to Jan. 29, 2010.	
		Main exhaust duct inspection / restoration					Restoration work of substructure commenced on Jan. 9, 2009. Restoration work of main exhaust duct commenced on Sep. 3, 2009.	
	Seismic reinforcement	Circulating water pipe inspection					Foundation improvement, excavating work, and inspection of pipes commenced on Jun. 16, 2008.	
		Seismic reinforcement works for reactor building overhead crane					Reinforcement work commenced on Dec. 8, 2009.	
		Seismic reinforcement works for stack					Reinforcement work commenced on Jul. 21, 2009.	
Unit 4	Turbine facilities	Seismic reinforcement works for the fuel handling machine					Reinforcement work commenced on Nov. 2, 2009.	
		Turbine inspection					High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on Aug. 3, 2009. Low-pressure turbine (A) (B) restoration work of blades commenced on Sep. 28, 2009. (Replacement of wear and contacted blades.)	
		Other facilities	Main transformer inspection					Carrying in and installation work commenced on Aug. 28, 2009.
			House transformer inspection					Carrying in and installation work commenced on Sep. 2, 2009.
			Excitation transformer inspection					Carrying in and installation work commenced on Sep. 2, 2009.
			Main generator inspection					Inspection commenced on Jan. 15, 2008.
	Inspection of power supply input transformer of the primary loop recirculation system adjustable speed drive						Carrying in and installation work commenced on Jun. 12, 2009.	
	500kV power cable inspection					Preparation for laying cables to be conducted from Nov. 26, 2009 to Jan. 26, 2010. Laying cables to be commenced on Jan. 27, 2010.		
	Seismic reinforcement	Main exhaust duct inspection / restoration					Restoration work commenced on Jan. 11, 2010.	
Restoration work of standby gas treatment system piping duct substructure						Restoration work commenced on Oct. 30, 2009.		
Seismic reinforcement works for reactor building overhead crane						Reinforcement work commenced on Oct. 21, 2009.		
		Seismic reinforcement works for stack					Reinforcement work commenced on Jul. 6, 2009.	

