

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)(1/1)
 [Inspection/Restoration Status] ◆From November 21, 2010 (Sun) to December 18, 2010 (Sat)

System / Equipment	Items	November 21 (Sun) to November 27 (Sat)	November 28 (Sun) to December 4 (Sat)	December 5 (Sun) to December 11 (Sat)	December 12 (Sun) to December 18 (Sat)	Status of Inspection / Restoration
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	Main transformer inspection				Carrying in and installation work commenced on Jun. 15, 2010.
		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. Restoration work of a duct commenced on Jul. 17, 2010.
		500kV power cable inspection				Laying cables commenced on September 6, 2010.
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane				Reinforcement work commenced on Jul. 31, 2010.
		Seismic reinforcement works for the fuel handling machine				Reinforcement work commenced on Jul. 27, 2010.
Unit 3	Reactor facilities	Reactor recirculation piping preventive maintenance				Works commenced on Nov. 6, 2010.
	Turbine facilities	Turbine inspection				High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on May 7, 2008. High-pressure turbine and low-pressure turbine (A) (B) (C) restoration work commenced on Aug. 2, 2010.
	Other facilities	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 27, 2009. Transformer (A) carrying in and installation work commenced on Jun. 3, 2009.
		Circulating water pipe inspection				Foundation improvement, excavating work, and inspection of pipes commenced on Jun. 16, 2008.
	Seismic reinforcement	Seismic reinforcement works such as pipe supports				Reinforcement work commenced on Jun. 14, 2010.
	Verification of system integrity	System functional test				System functional test commenced on Nov. 16, 2010. Functional test of standby gas treatment system conducted on Nov. 18, 2010. Functional test of DC power source system conducted on Nov. 19, 2010. Rated capacity verification test for the emergency diesel generator conducted on Nov. 24, 2010. Functional test of the emergency diesel generator, high pressure core spray system diesel generator, high pressure core spray system, low pressure core spray system, low pressure flood system and reactor component cooling water system to be conducted on Nov. 25 and Nov. 26, 2010. Partial interlock functional test of liquid waste storage facility and disposal equipment #1 to be conducted on Nov. 29, 2010. Fuel-load work to be commenced on Dec 1, 2010. Functional test of main steam isolation valve to be conducted on Dec. 3, 2010. Functional test of automatic depressurization system to be conducted on Dec. 10, 2010. Reactor shut-down margin inspection to be conducted on Dec. 12 and Dec. 13, 2010.
	Unit 4	Turbine facilities	Turbine inspection			
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.
		Restoration works of standby gas treatment system piping duct substructure				Restoration work commenced on Oct. 30, 2009.
Seismic reinforcement		Seismic reinforcement works such as pipe supports				Preparation for restoration work commenced on Oct. 25, 2010.
		Seismic reinforcement works for reactor building overhead crane				Reinforcement work commenced on Oct. 21, 2009.
	Seismic reinforcement works for the fuel handling machine				Reinforcement work commenced on Aug. 24, 2010.	
Unit 5	Functional test for the entire plant				Functional test for the entire plant commenced on Nov. 17, 2010. Restarting the nuclear reactor commenced on Nov. 18, 2010. Test of raising the reactor pressure to approx. 3.5 Mpa conducted on Nov. 21, 2010. Test of raising the reactor pressure to approx. 7.0 Mpa conducted on Nov. 23, 2010. Inspection after activating a main turbine generator conducted on Nov. 24, 2010. Inspection after temporary main generator synchronization on Nov. 25, 2010.	
Environmental Facilities	Restoration works of filtrate tank/ demineralized tank on Arahama-side				Restoration work of No.2 demineralized tank to be conducted from Feb. 15, 2010 to Nov. 26, 2010. Restoration work of No.2 filtrate tank commenced on May 29, 2010.	
Others	Reinforcement works for spent fuel transportation cask storage building				Reinforcement work conducted from Nov. 2, 2009 to Nov. 25, 2010.	
	Reconstruction of arrestor steel tower on Ominato-side				Reinforcement work to be conducted from Sep. 3, 2009 to Nov. 30, 2010.	
	Restoration and reinforcement work for the on-site/ outside roads & slope, etc.				Restoration work for roads inside and outside of the site currently in progress. Restoration work of Takamachi Overpass commenced on Apr. 1, 2010. Maintenance work of central soil disposal yard commenced on Apr. 15, 2010.	

* 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.
 * Unit 1 and Unit 7 are in operation, and Unit 6 is in periodical inspection.