

### 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 January 2, 2011 (Sun) to January 29, 2011 (Sat)

System / Equipment	Items	January 2 (Sun) to January 8 (Sat)	January 9 (Sun) to January 15 (Sat)	January 16 (Sun) to January 22 (Sat)	January 23 (Sun) to January 29 (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 to be conducted from Sep. 6, 2010 to Jan. 20, 2011. Voltage application test to be conducted on Jan. 21, 2011.	
	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	Fuel-load work				Fuel-load work commenced on Dec. 1, 2010. (Fuel load suspended due to investigation on the inadvertent movement of the control rod from Dec. 1, 2010 to Dec. 17, 2010.) Fuel-load work conducted from Dec. 17, 2010 to Dec. 27, 2010. Core status confirmation conducted from Dec. 27, 2010 to Jan. 4, 2011.	
		Reactor pressure vessel closure				Closure work commenced on Jan. 5, 2011.	
		Reactor recirculation piping preventive maintenance				Works commenced on Nov. 6, 2010.	
	Other facilities	Main generator inspection				Inspection to be conducted from Feb. 20, 2008 to Jan. 14, 2011.	
		Inspection of power supply input transformer of the primary loop recirculation system adjustable speed drive				Transformer (B) carrying in and installation work to be conducted from May 27, 2009 to Jan. 12, 2011. Transformer (A) carrying in and installation work to be conducted from Jun. 3, 2009 to Jan. 12, 2011.	
		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. Partial performance test for steam turbine (#2) conducted on Dec. 22, 2010. Partial interlock functional test of liquid waste storage facility and disposal equipment (#1) conducted on Dec. 22 and Dec. 27, 2010. Partial interlock functional test of liquid waste storage facility and disposal equipment (#2) conducted on Dec. 27, 2010. Reactor shut-down margin inspection conducted on Dec. 28, 2010. Functional test of instrument compression air system to be conducted on Jan. 12, 2011.	
	Unit 4	Turbine facilities	Turbine inspection				High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on Aug. 3, 2009. High-pressure turbine and low-pressure turbine (A) (B) (C) restoration work commenced on Jul. 5, 2010.
		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 reinforcement work commenced on Oct. 25, 2010.	
	Seismic reinforcement works for reactor building overhead crane				Reinforcement work completed on Dec. 20, 2010.		
	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.		
Environmental Facilities	Restoration works of filtrate tank/ demineralized tank on Arahama-side				Restoration work of No.2 filtrate tank commenced on May 29, 2010.		
Others	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 to be conducted from Apr. 15, 2010 to Jan. 17, 2011.		

\* 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.

\* The works to be suspended for the year-end and new year recess from Dec. 29, 2010 to Jan. 3, 2011. Periods may alter according to the progress situation of each work and inspection.