## [Inspection/Restoration Status] 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) + From October 25, 2009 (Sun) to November 21, 2009 (Sun)

From Octo	ober 25, 2009 (Sun) to November 21				
Unit No.1	System / Equipment Reactor facilities	Items Core shroud preventive maintenance	October 25 (Sun) to October 31 (Sat) November 1 (Sun) to November 7 (Sat) November 8 (Sun) to November 14 (Sat)	November 15 (Sun) to November 21 (Sat)	Preventive maintenance work to be com
	Turbine facilities	Turbine inspection Miletare former inspection			High-pressure turbine and low pressure
	Other facilities	Main transformer inspection			Carrying in and installation work comm
		House transformer inspection			1A, 1B Carrying in and installation wor
		Excitation transformer inspection			Carrying in and installation work comm
		Main generator inspection			Inspection commenced on Feb. 7, 2008.
		500kV power cable inspection			Laying cables to be conducted from Jun
		Main exhaust duct inspection / restoration			Restoration of substruction commenced
		Circulating water pipe inspection			Foundation improvement, excavating w
	Seismic reinforcement	Seismic reinforcement works such as pipe supports			Reinforcement work commenced on Jul
		Seismic reinforcement works for reactor building overhead crane			Reinforcement work completed on Oct.
		Seismic reinforcement works for stack (Unit No.1 and Unit No.2)			Reinforcement work commenced on Jul
		Seismic reinforcement works for emergency intake channel			Foundation improvement work commer
Unit No.2	Turbine facilities	Turbine inspection			High-pressure turbine and low-pressure
	Other facilities	House transformer inspection			Transportation into the factory is underv
		Excitation transformer inspection			Transportation into the factory is under
		Main generator inspection			Inspection commenced on Mar. 19, 200
		Main exhaust duct inspection / restoration			Preparation for restoration work comme
Unit No.3	Turbine facilities	Turbine inspection			High-pressure turbine and low-pressure Low-pressure turbine (A) (B) restoration
	Other facilities	Main transformer inspection			Carrying in and installation work comm
		House transformer inspection			3A, 3B Installation work commenced or
		Excitation transformer inspection			Installation work commenced on Nov. 1
		Main generator inspection			Inspection commenced on Feb. 20, 2008
		Inspection of power supply input transformer of the primary loop recirculation system			Transformer (B) carrying in and installa
		adjustable speed drive			on Jun. 3.
		500kV power cable inspection			Laying cables commenced on Jul. 17.
		Main exhaust duct inspection / restoration			Restoration work of substruction comme
		Circulating water pipe inspection			Foundation improvement, excavating we
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane			Preparation for reinforcement work to be
		Seismic reinforcement works for stack			Reinforcement work commenced on Jul
		Seismic reinforcement works for the fuel handling machine			Preparation for reinforcement work com
Unit No.4	Turbine facilities	Turbine inspection			High-pressure turbine and low-pressure Low-pressure turbine (A) (B) restoration
	Other facilities	Main transformer inspection			Carrying in and installation work comm
		House transformer inspection			Carrying in and installation work comm
		Excitation transformer inspection			Carrying in and installation work comm
		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 comm
					Propagation for restantion and
		Main exhaust duct inspection / restoration			Preparation for restoration work comme
		Restoration work of stand-by gas treatment system piping duct substruction			Restoration work commenced on Oct. 29
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane			Reinforcement work commenced on Oc
		Seismic reinforcement works for stack			Reinforcement work commenced on Jul.

Status of Inspection / Restoration
mmenced on Nov. 7.
e turbine (A) (B) (C) detailed inspection commenced on Nov. 17, 2008.
menced on Apr. 20.
rk commenced on Mar. 30.
menced on Mar. 30.
8.
n. 2 to Nov. 11.
d on Dec. 1, 2008. Restoration work of main exhaust duct commenced on Jul. 29, 2009.
work, and inspection of pipes commenced on Aug. 6, 2008.
ıl. 16.
t. 15.
al. 27.
enced on Feb. 9. Reinforcement work for the bank protection connection commenced on Oct. 5.
e turbine (A) internal inspection completed.
rway.
rway.
08.
henced on Aug. 9, 2008. Restoration of substruction commenced on Dec. 1, 2008.
e turbine (A) (B) (C) detailed inspection commenced on May 7, 2008. on work of blades completed on Oct. 22, 2009.
menced on Aug. 10.
on Nov. 18, 2008.
18, 2008.
08.
lation work commenced on May 27. Transformer (A) carrying in and installation work commenced
nenced on Jan. 9. Restoration work of main exhaust duct commenced on Sep. 3.
work, and inspection of pipes commenced on Jun. 16, 2008.
be commenced on Nov. 2.
al. 21
mmenced on Oct. 26. Reinforcement work to be commenced on Nov. 2.
e turbine (A) (B) (C) detailed inspection commenced on Aug. 3. on work of blades commenced on Sep. 28, 2009. (Replacement of wear and contacted blades.)
menced on Aug. 28.
menced on Sep. 2.
menced on Sep. 2.
8.
menced on Jun. 12.
henced on Jun. 23, 2008.
29.
Det. 21.
al. 6.

System / Equipment	Items	October 25 (Sun) to October 31 (Sat) November 1 (Sun) to November 7 (Sat)	November 8 (Sun) to November 14 (Sat) November 15 (Sun) to November 21 (Sat)	Status of Inspection / Restoration	
Init No.5 Turbine facilities	Turbine inspection			High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on May 25. Restoration work of high-pressure turbine and low-pressure turbine (A) (B) (C) to be commenced on Oct. 29.	
Other facilities	Main transformer inspection			Carrying in and installation work commenced on Mar. 25.	
	House transformer inspection			5A, 5B Carrying in and installation work commenced on Apr. 25.	
	Excitation transformer inspection			Carrying in and installation work commenced on Mar. 2.	
	500kV power cable inspection			Laying cables to be conducted from Aug. 10 to Nov. 9. Voltage application test to be conducted on Nov. 5.	
	Main exhaust duct inspection / restoration			Restoration work of duct completed on Oct. 24.	
	Circulating water pipe inspection			Foundation improvement, excavating work, and inspection of pipes commenced on Oct. 25, 2008.	
Seismic reinforcement	Seismic reinforcement works such as pipe supports			Reinforcement work commenced on Apr. 28.	
	Seismic reinforcement works for stack			Reinforcement work commenced on Jun. 23.	
nit No.6	Functional test for the entire plant			Final evaluation of functional tests for the entire plant completed on Sep. 28.	
init No.7	Functional test for the entire plant			Final evaluation of functional tests for the entire plant completed on Jun. 19.	
	Planned shutdown of the unit			Unit shutdown for refueling conducted from Sep. 26.	
nsformer (common) / Switch Yard	High-voltage start-up transformer #2 inspection			Carrying in and installation work to be commenced on Nov. 9.	
	On-site check / inspection / restoration of the oil protection bank for the transformer			Unit No.2 Preparation for restoration work commenced on May 20, 2008.	
ironmental Facilities				(Arahama-side) 1A Inspection to be conducted from Apr. 8, 2008 to late November 2009. 3A Electric boiler transformer carrying in and installation commenced on Oct. 13.	
	House boilers inspection				
	Restoration work of filtrate tank / demineralized tank on Arahama-side			Restoration work of No.1 demineralized tank commenced on May 26. Restoration work of No.1 filtrate tank commenced on Jun. 1.	
ers	Restoration work for solid waste storage facility			Prevention countermeasure for drum falling commenced on Jan. 16.	
	Restoration work for administration building / information building, etc.			Restoration work for administration building and information building is underway.	
	Reinforcement works for spent fuel transportation cask storage building			Preparation for reinforcement work to be conducted from Aug. 24 to Nov. 1. Reinforcement work to be commenced on Nov. 2.	
	Construction of seismic-isolated essential buildings			Construction commenced on Oct. 14, 2008.	
	Restoration of laundry facility building on Arahama-side			Restoration work commenced on Jan. 30.	
	Reconstruction of arrestor steel tower on Arahama-side			Reconstruction commenced on Jun. 17.	
	Reconstruction of arrestor steel tower on Ominato-side			Reconstruction commenced on Sep. 3.	
	Reconstruction of arrestor steer tower on Ommato-side				
	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. Maintenance work of the slope in front of sub protection headquarter office commenced on May 13. Restoration work of Daini Takamachi Bridge commenced on May 12. Maintenance work for the slope behind Daini Kigyou Center commenced on Oct. 20.	

## [Inspection/Restoration Status] 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) (2/2) + From October 25, 2009 (Sun) to November 21, 2009 (Sat)

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

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