[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 November 8, 2009 (Sun) to December 5, 2009 (Sun)

From Nove	ember 8, 2009 (Sun) to December 5	, 2009 (Sat)		
	System / Equipment	Items	November 8 (Sun) to November 14 (Sat) November 15 (Sun) to November 21 (Sat) November 22 (Sun) to November 28 (Sat) November 29 (Sun) to December 5 (Sat)	
Unit No.1	Reactor facilities	Core shroud preventive maintenance		Preventive maintenance work to be con-
	Turbine facilities	Turbine 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 v
	Seismic reinforcement	Seismic reinforcement works such as pipe supports		Reinforcement work commenced on Ju
ľ		Seismic reinforcement works for stack (Unit No.1 and Unit No.2)		Reinforcement work commenced on Ju
		Seismic reinforcement works for emergency intake channel		Foundation improvement work comme
				System functional test to be commenced
	Verification of system integrity	System functional test		Functional test of DC power source systematic functional test of flammability control statements of flammability control
Unit No.2	Turbine facilities	Turbine inspection		High-pressure turbine and low-pressure
	Other facilities	House transformer inspection		Carrying in and installation work to be
		Excitation transformer inspection		Carrying in and installation work to be
		Main generator inspection		Inspection commenced on Mar. 19, 200
		Main exhaust duct inspection / restoration		Preparation for restoration work commo
Unit No.3	Turbine facilities	Turbine inspection		High-pressure turbine and low-pressure
	Other facilities	Main transformer inspection		Carrying in and installation work comr
		House transformer inspection		3A, 3B Installation work commenced of
		Excitation transformer inspection		Installation work commenced on Nov.
		Main generator inspection		Inspection commenced on Feb. 20, 200
		Inspection of power supply input transformer of the primary loop recirculation system adjustable speed drive		Transformer (B) carrying in and install on Jun. 3.
		500kV power cable inspection		Laying cables commenced on Jul. 17.
		Main exhaust duct inspection / restoration		Restoration work of substruction comm
		Circulating water pipe inspection		Foundation improvement, excavating w
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane		Preparation for reinforcement work cor
		Seismic reinforcement works for stack		Reinforcement work commenced on Ju
		Seismic reinforcement works for the fuel handling machine		Reinforcement work commenced on No
	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, 200
		Inspection of power supply input transformer of the primary loop recirculation system adjustable speed drive		Carrying in and installation work comm
		Main exhaust duct inspection / restoration		Preparation for restoration work comm
		Restoration work of standby gas treatment system piping duct substruction		Restoration work commenced on Oct. 3
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane		Reinforcement work commenced on O
		Seismic reinforcement works for stack		Reinforcement work commenced on Jul
	L	1		<u> </u>

Status of Inspection / Restoration
conducted from Nov. 7 to Nov. 26.
ure turbine (A) (B) (C) detailed inspection commenced on Nov. 17, 2008.
mmenced on Apr. 20.
work commenced on Mar. 30.
mmenced on Mar. 30.
008.
Jun. 2 to Nov. 28.
ced on Dec. 1, 2008. Restoration work of main exhaust duct commenced on Jul. 29, 2009.
g work, and inspection of pipes commenced on Aug. 6, 2008.
Jul. 16.
Jul. 27.
menced on Feb. 9. Reinforcement work for the bank protection connection commenced on Oct. 5.
nced on Nov. 17, 2009. system to be commenced on Nov. 17. rol system to be commenced on Nov. 18.
sure turbine (A) internal inspection completed.
be commenced on Nov. 30.
be commenced on Nov. 30.
2008.
nmenced on Aug. 9, 2008. Restoration of substruction commenced on Dec. 1, 2008.
sure turbine (A) (B) (C) detailed inspection commenced on May 7, 2008.
mmenced on Aug. 10.
d on Nov. 18, 2008.
vv. 18, 2008.
2008.
tallation work commenced on May 27. Transformer (A) carrying in and installation work commenced
7.
mmenced on Jan. 9. Restoration work of main exhaust duct commenced on Sep. 3.
g work, and inspection of pipes commenced on Jun. 16, 2008.
commenced on Nov. 2.
ı Jul. 21.
Nov. 2.
sure turbine (A) (B) (C) detailed inspection commenced on Aug. 3. ation work of blades commenced on Sep. 28, 2009. (Replacement of wear and contacted blades.)
mmenced on Aug. 28.
mmenced on Sep. 2.
mmenced on Sep. 2.
008.
mmenced on Jun. 12.
nmenced on Jun. 23, 2008.
xt. 30.
n Oct. 21.
Jul. 6.

System / Equipment	Items	November 8 (Sun) to November 14 (Sat)	November 15 (Sun) to November 21 (Sat) November 22 (Sun) to November 28 (Sat) November 29 (Sun) to December 5 (Sat)	Status of Inspection / Restoration
it 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) commenced on Oct. 29.
Other facilities	Main transformer inspection			Carrying in and installation work commenced on Mar. 25. Pre-operation test to be conducted on Dec. 2 and Dec. 3.
	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. 28. Voltage application test completed on Nov. 5.
	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.
Verification of system integrity	System functional test			System functional test to be commenced on Nov. 13, 2009. Functional test of standby liquid control system to be commenced on Nov. 13. Functional test of DC power source system to be commenced on Nov. 13. Partial interlock functional test of reactor protection systemm to be commenced on Nov. 16. Functional test of automatic depressurization system to be commenced on Nov. 18. Functional test of standby gas treatment system to be commenced on Nov. 19. Functional test of instrument compression air system to be commenced on Nov. 19. Partial interlock functional test for liquid waste storage facility and disposal equipment #1 to be commenced on Nov. 19.
nit No.6	Functional test for the entire plant			Final evaluation of functional tests for the entire plant completed on Sep. 28.
nit 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		Start-up of the unit commenced on Nov. 8.	
nsformer (common) / Switch Yard	High-voltage start-up transformer #2 inspection			Carrying in and installation work 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.
vironmental Facilities	House boilers inspection			(Arahama-side) 1A Inspection to be conducted from Apr. 8, 2008 to mid-December 2009. 3A Electric boiler transformer carrying in and installation commenced on Oct. 13.
	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			Reinforcement work 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.
	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 conducted from May 13 to Nov. 30. Restoration work of Daini Takamachi Bridge commenced on May 12. Maintenance work for the slope behind Daini Kigyou Center commenced on Oct. 20.
	Restoration work for port facility			Restoration work for bank protection to be conducted from Apr. 3, 2008 to Nov. 30, 2009.

[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 November 8, 2009 (Sun) to December 5, 2009 (Sun)

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.