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)

	Restoration Status ary 10, 2010 (Sun) to February 6, 20	010 (Sat)					
	System / Equipment	Items	January 10 (Sun) to January 16 (Sat)	January 17 (Sun) to January 23 (Sat)	January 24 (Sun) to January 30 (Sat)	January 31 (Sun) to February 6 (Sat)	
Unit 1	Reactor facilities	Reactor pressure vessel closure					Closure work conducted from Dec. 22, 2009 to Jan. 8, 20
		Primary containment vessel closure					Closure work to be conducted from Jan. 9, 2010 to Jan. 24
	Other facilities	Main generator inspection					Inspection to be conducted from Feb. 7, 2008 to Jan. 15, 2
		Circulating water pipe inspection					Foundation improvement, excavating work, and inspection
	Verification of system integrity	System functional test					System functional test commenced on Nov. 17, 2009. Functional test of control rod drive mechanism conducted Functional test of control rod drive system conducted on J Partial interlock functional test of liquid waste storage faci Selected control rod insertion inspection conducted on Jan Functional test of furbine bypass valve conducted on Jan Partial interlock functional test of relator protection syster Partial interlock functional test of relator protection syster Partial interlock functional test of liquid waste storage faci Partial interlock functional test of primery containment vessel isolation val Functional test of freed water pump to be conducted on Jan
Unit 2	Turbine facilities	Turbine inspection				1	High-pressure turbine and low-pressure turbine (A) (B) (C)
	Other facilities	House transformer inspection					Carrying in and installation work commenced on Nov. 30,
		Excitation transformer inspection					Carrying in and installation work commenced on Nov. 30,
		Main generator inspection				+	Inspection commenced on Mar. 19, 2008.
		Main exhaust duct inspection / restoration					Preparation for restoration work commenced on Aug. 9, 20
Unit 3	Turbine facilities	Turbine inspection					High-pressure turbine and low-pressure turbine (A) (B) (C
	Other facilities	Main transformer inspection					Carrying in and installation work commenced on Aug. 10,
		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					I ransformer (B) carrying in and installation work commen 2009
		500kV power cable inspection					Laying cables to be conducted from Jul. 17, 2009 to Jan. 2
		Main exhaust duct inspection / restoration					Restoration work of substruction commenced on Jan. 9, 20
		Circulating water pipe inspection				1	Foundation improvement, excavating work, and inspection
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane				l	Reinforcement work commenced on Dec. 8, 2009.
		Seismic reinforcement works for stack	,				Reinforcement work commenced on Jul. 21, 2009.
		Seismic reinforcement works for the fuel handling machine			1	1	Reinforcement work commenced on Nov. 2, 2009.
Unit 4	Turbine facilities	Turbine inspection					High-pressure turbine and low-pressure turbine (A) (B) (C Low-pressure turbine (A) (B) restoration work of blades co
	Other facilities	Main transformer inspection				1	Carrying in and installation work commenced on Aug. 28,
		House transformer inspection				1	Carrying in and installation work commenced on Sep. 2, 2
		Excitation transformer inspection					Carrying in and installation work commenced on Sep. 2, 2
		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, 2
		500kV power cable inspection					Preparation for laying cables commenced on Nov. 26, 200
		Main exhaust duct inspection / restoration					Preparation for restoration work completed on Jan. 10, 201
		Restoration work of standby gas treatment system piping duct substruction			T	1	Restoration work commenced on Oct. 30, 2009.
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane			1	! 	Reinforcement work commenced on Oct. 21, 2009.
		Seismic reinforcement works for stack					Reinforcement work commenced on Jul. 6, 2009.

Inspection/Restoration Status

Status of Inspection / Restoration
3, 2010.
ın. 24, 2010.
15, 2010.
ection of pipes completed on Jan. 12, 2010.
teted on Jan. 5, Jan. 11 and Jan. 12, 2010. I on Jan. 7 and Jan. 8, 2010. e facility and disposal equipment #1 conducted on Jan. 8, 2010. n Jan. 13, 2010. Jan. 13, 2010. system to be conducted on Jan. 15, 2010. e facility and disposal equipment #2 to be conducted on Jan. 15, 2010. e facility and disposal equipment #1 to be conducted on Jan. 16, 2010. n valve to be conducted on Jan. 19, 2010. n Jan. 20, 2010.
B) (C) detailed inspection commenced on Dec. 7, 2009.
v. 30, 2009.
v. 30, 2009.
. 9, 2008. Restoration of substruction commenced on Dec. 1, 2008.
B) (C) detailed inspection commenced on May 7, 2008.
g. 10, 2009.
08.
mmenced on May 27, 2009. I ransformer (A) carrying in and installation work commenced on Jun
Jan. 29, 2010.
9, 2009. Restoration work of main exhaust duct commenced on Sep. 3, 2009.
ection of pipes commenced on Jun. 16, 2008.
B) (C) detailed inspection commenced on Aug. 3, 2009. des commenced on Sep. 28, 2009. (Replacement of wear and contacted blades.)
g. 28, 2009.
. 2, 2009.
. 2, 2009.
. 12, 2009.
, 2009.
0, 2010. Restoration work commenced on Jan. 11, 2010.

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)

[Inspection/Restoration Status]

bruary 6, 2010 (Sat)						
Items	January 10 (Sun) to January 16 (Sat)	January 17 (Sun) to January 23 (Sat)	January 24 (Sun) to January 30 (Sat)	January 31 (Sun) to February 6 (Sat)	Status of Inspection / Restoration	
Fuel-load work					Fuel-load work to be conducted from Jan. 15, 2010 to Jan. 24, 2010. Core status confirmation to be conducted on Jan. 24 and Jan. 25, 2010.	
Reactor pressure vessel closure					Closure work to be commenced on Jan. 26, 2010.	
Seismic reinforcement works for stack					Reinforcement work to be conducted from Jun. 23, 2009 to Jan. 14, 2010.	
ntegrity System functional test					System functional test commenced on Nov. 13, 2009. Functional test of turbine bypass valve conducted on Jan. 13, 2010.	
Functional test for the entire plant					Final evaluation of functional tests for the entire plant completed on Sep. 28, 2009.	
High-voltage start-up transformer #2 inspection					Carrying in and installation work commenced on Nov. 9, 2009.	
On-site check / inspection / restoration of the oil protection bank for the transformer				Unit.2 Restoration work commenced on Nov. 17, 2009.		
House boilers inspection				(Arahama-side) 3A Electric boiler transformer carrying in and installation work commenced on Oct. 13, 2009.		
Restoration work of filtrate tank / demineralized tank on Arahama-side					Restoration work of No.1 demineralized tank completed on Dec. 26, 2009. Restoration work of No.1 filtrate tank commenced on Jun. 1, 2009.	
Restoration work for solid waste storage facility					Prevention countermeasure for drum falling commenced on Jan. 16, 2009.	
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, 2009.	
Restoration of laundry facility building on Arahama-side					Restoration work commenced on Jan. 30, 2009.	
Reconstruction of arrestor steel tower on Arahama-side					Reconstruction commenced on Jun. 17, 2009.	
Reconstruction of arrestor steel tower on Ominato-side					Reconstruction commenced on Sep. 3, 2009.	
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 Daini Takamachi Bridge commenced on May 12, 2009. Maintenance work for the slope behind Daini Kigyou Center commenced on Oct. 20, 2009.		
	Fuel-load work Reactor pressure vessel closure Seismic reinforcement works for stack ntegrity System functional test Functional test for the entire plant High-voltage start-up transformer #2 inspection On-site check / inspection / restoration of the oil protection bank for the transformer House boilers inspection Restoration work of filtrate tank / demineralized tank on Arahama-side Restoration work for solid waste storage facility Restoration work for spent fuel transportation cask storage building Restoration of laundry facility building on Arahama-side Reconstruction of arrestor steel tower on Arahama-side Reconstruction of arrestor steel tower on Ominato-side	Fuel-load work Image: Construction of arrestor steel tower on Ominato-side Fuel-load work Image: Construction of arrestor steel tower on Ominato-side	Fuel-load work Image: Sector pressure vessel closure Reactor pressure vessel closure Image: Sector pressure vessel closure Seismic reinforcement works for stack Image: Sector pressure vessel closure Image: Sector pressure vessel closure Image: Sector pressure vessel closure System functional test Image: Sector pressure vessel closure Functional test Image: Sector pressure vessel closure Functional test Image: Sector pressure vessel closure Functional test for the entire plant Image: Sector pressure vessel closure On-site check / inspection / restoration of the oil protection bank for the transformer Image: Sector pressure vessel closure Restoration work of filtrate tank / demineralized tank on Anahama-side Image: Sector pressure verssel closure Restoration work for solid waste storage facility Image: Sector pressure verssel closure Restoration work for solid waste storage facility Image: Sector pressure Restoration of laundry facility building / information building / information closust storage building Image: Sector pressure Restoration of laundry facility building on Arahama-side Image: Sector pressure Restoration of laundry facility building on Arahama-side Image: Sector pressure Restoration of arrestor steel tower on Ominato-side Image: Sec	Puel-load work Image: Puel-load work Reactor pressure vesiel closure Image: Puel-load work Seinic reinforcement works for stack Image: Puel-load work System functional test Image: Puel-load work Functional test for the entire plant Image: Puel-load work Inger: Puel-load work for stack Image: Puel-load work Inger: Puel-load work for stack Image: Puel-load work Inger: Puel-load work for the entire plant Image: Puel-load work Inger: Puel-load work for the oil protection bank for the transformer Image: Puel-load work for stack Inger: Puel-load work of filtrate tank / demineratized tank on Arahama-side Image: Puel-load work for solid waste storage fuelity Restoration work for solid waste storage fuelity Image: Puel-load work for solid waste storage fuelity Restoration work for solid waste storage fuelity Image: Puel-load work for solid waste storage fuelity Restoration work for solid waste storage fuelity Image: Puel-load work for solid waste storage fuelity Restoration work for solid waste storage fuelity Image: Puel-load work for solid waste storage building Restoration work for solid waste storage building Image: Puel-load work for solid waste storage building Restoration of laundy facility building on Arahama-side Image: Puel-load wore load work	Pail-lad work Pail	

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

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

* Unit 6 is in the start-up operation at constant rated thermal output. Unit 7 is in the commercial poeration.