## 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)

【Inspection/Restoration Status】
◆From January 24, 2010 (Sun) to February 20, 2010 (Sat)

From Janu	ary 24, 2010 (Sun) to February 20, 2	2010 (Sat)		
	System / Equipment	Items	January 24 (Sun) to January 30 (Sat)  January 31 (Sun) to February 6 (Sat)  February 7 (Sun) to February 13 (Sat)  February 14 (Sun) to February 20 (Sat)	Status of Inspection / Restoration
Unit 1	Reactor facilities	Primary containment vessel closure		Closure work to be conducted from Jan. 9, 2010 to Feb.9, 2010.
	Other facilities	Main generator inspection		Inspection completed on Jan. 15, 2010.
		Outdoor duct inspection		Outdoor duct inspection completed on Jan. 26 and Jan. 27, 2010.
	Verification of system integrity			System functional test commenced on Nov. 17, 2009.
		System functional test		Selected control rod insertion inspection conducted on Jan. 21, 2010.  Partial interlock functional test of reactor protection system conducted on Jan. 22, 2010.
				Functional test of control rod drive mechanism to be conducted on Jan. 28, 2010. Functional test of control rod drive system to be conducted on Feb. 1, 2010.
Unit 2	Reactor facilities	Core shroud preventive maintenance		Preventive maintenance to be commenced on Feb. 8.
	Turbine facilities	Turbine inspection		High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on Dec. 7, 2009.
	Other facilities	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 substruction commenced on Dec. 1, 2008.
Unit 3	Turbine facilities	Turbine inspection		High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on May 7, 2008.
	Other facilities	Main transformer inspection		Carrying in and installation work commenced on Aug. 10, 2009.
		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		Iransformer (B) carrying in and installation work commenced on May 27, 2009. Transformer (A) carrying in and installation work commenced on Ju 2000
		500kV power cable inspection		Laying cables to be conducted from Jul. 17, 2009 to Jan. 29, 2010.
		Main exhaust duct inspection / restoration		Restoration work of substruction commenced on Jan. 9, 2009. Restoration work of main exhaust duct commenced on Sep. 3, 2009.
		Circulating water pipe inspection		Foundation improvement, excavating work, and inspection of pipes commenced on Jun. 16, 2008.
İ	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane		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		Reinforcement work commenced on Nov. 2, 2009.
Unit 4	Turbine facilities	Turbine inspection		High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on Aug. 3, 2009.  Low-pressure turbine (A) (B) restoration work of blades commenced on Sep. 28, 2009. (Replacement of wear and contacted blades.)
	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.
		500kV power cable inspection		Preparation for laying eables completed on Jan. 26, 2010. Laying eables commenced on Jan. 27, 2010.
		Main exhaust duct inspection / restoration		Restoration work commenced on Jan. 11, 2010.
		Restoration work of standby gas treatment system piping duct substruction		Restoration work commenced on Oct. 30, 2009.
	Seismic reinforcement	Seismic reinforcement works for reactor building overhead crane		Reinforcement work commenced on Oct. 21, 2009.
		Seismic reinforcement works for stack		Reinforcement work commenced on Jul. 6, 2009.

## 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】
◆From January 24, 2010 (Sun) to February 20, 2010 (Sat)

From January 24, 2010 (Sun) to February 20						
System / Equipment	Items	January 24 (Sun) to January 30 (Sat)	January 31 (Sun) to February 6 (Sat)	February 7 (Sun) to February 13 (Sat) Febr	oruary 14 (Sun) to February 20 (Sat)	Status of Inspection / Restoration
Unit 5 Reactor facilities	Fuel-load work				F	fuel-load work completed on Jan. 24, 2010. Core status confirmation completed on Jan. 24 and Jan. 25, 2010.
	Reactor pressure vessel closure				C	Closure work to be conducted from Jan. 26, 2010 to Feb. 6, 2010.
	Primary containment vessel closure		\	V		Closure work to be conducted from Feb. 7, 2010 to Feb. 17, 2010.
Other facilities	Outdoor duct inspection				C	Outdoor duct inspection completed on Jan. 26 and Jan. 27, 2010.
Seismic reinforcement	Seismic reinforcement works for stack				F	teinforcement work completed on Jan. 14, 2010.
Verification of system integrity	System functional test					system functional test commenced on Nov. 13, 2009.
						Reactor shut-down margin inspection conducted on Jan. 25, 2010.
		<b>-</b>				nctional test of primary containment vessel isolation valve to be conducted on Feb. 2, 2010.  nctional test of control rod drive mechanism to be conducted on Feb. 3 and Feb. 4, 2010.
						antiform test of contact for after incommism to be contacted on Feb. 5 and Feb. 1, 2010.
sformer (common) / Switch Yard	High-voltage start-up transformer #2 inspection				C	Carrying in and installation work to be conducted from Nov. 9, 2009 to Feb. 3, 2010.
	On-site check / inspection / restoration of the oil protection bank for the transformer				Ţ	Jnit 2 Restoration work commenced on Nov. 17, 2009.
ronmental Facilities	House boilers inspection				(	(Arahama-side) 3A Electric boiler transformer carrying in, installation work and test run to be conducted from Oct. 13, 2009 to Jan. 28, 2010.
	Restoration work of filtrate tank / demineralized tank on Arahama-side				R	Restoration work of No.1 filtrate tank commenced on Jun. 1, 2009.
ers	Restoration work for solid waste storage facility				P	revention countermeasure for drum falling commenced on Jan. 16, 2009.
	Restoration work for administration building / information building, etc.				R	Restoration work for administration building and information building is underway.
	Reinforcement works for spent fuel transportation cask storage building				P	Reinforcement work commenced on Nov. 2, 2009.
	Restoration of laundry facility building on Arahama-side				R	Restoration work commenced on Jan. 30, 2009.
	Reconstruction of arrestor steel tower on Arahama-side				P	Reconstruction commenced on Jun. 17, 2009.
	Reconstruction of arrestor steel tower on Ominato-side				R	Reconstruction commenced on Sep. 3, 2009.
					r	Restoration work for roads inside and outside of the site currently in progress.
	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.

<sup>\*</sup> Inspection results for each facilities will be announced as soon as they compiled.

<sup>\*</sup> Inspection and restoration work and execution date for each item may alter according to the situation.

<sup>\*</sup> Unit 6 and Unit 7 are in the commercial poeration.