Appendix
May 15, 2008

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) (1/3)

【Inspection/Restoration Status】
◆From May 11th, 2008 (Sun) to June 7th, 2008 (Sat)

System/Equipment		Items	May 11th (Sun) to May 17th (Sat)	May 18th (Sun) to May 24th (Sat)	May 25th (Sun) to May 31st (Sat)	June 1st (Sun) to June 7th (Sat)	Status of Inspection / Restoration
Unit No.1	Reactor facilities	Fuel / control rod inspection *1					Visual inspection of control rod completed on Feb. 22. Inspection of spent fuel pool rack etc. completed on Feb. 28 and Feb. 29. Visual inspection of fuels to be conducted from Apr. 16 to May 30. Visual inspection of channel boxes to be conducted from Apr. 23 to May 30.
		Inspection of new fuel storage warehouse and new fuels in the warehouse					Inspection to be conducted on May 26. New fuels to be inspected from May 27 to Jun. 9.
	Turbine facilities	Turbine inspection *2					Low pressure turbine (B) internal inspection completed on Nov. 30.
	Other facilities	Submerged equipment inspection on ground floor 5 of the reactor combination building					Restoration work commenced on Mar. 17.
		Main transformer inspection					Inspection completed on Nov. 23. Preparation for on-site transportation to be conducted from May 12 to early July.
		House transformers inspection					1A Inspection completed on Sept. 4. 1B Inspection completed on Oct. 12. Preparation for on-site transportation to be commenced on May 26.
		Excitation transformers inspection					Inspection completed on Oct. 18. Preparation for transportatin to be commenced in early July.
		Main generator inspection					Inspection commenced on Feb. 7. Withdrawal of rotor completed on Mar. 5.
		Stack inspection					Inspection for substructure of piles commenced on Apr. 4. Detailed inspection for top of stack to be commenced on May 26.
		Main exhaust duct inspection / restoration					Visual inspection completed on Sep. 14. Survey to be conducted from Apr. 9 to Jun. 7 prior to restoration work.
Unit No.2	Turbine facilities	Turbine inspection *2					High pressure turbine and low pressure turbine (A) internal inspection completed on Dec. 21.
	Other facilities	Main transformer inspection					Inspection completed on Nov. 28. Preparation for on-site transportation commenced on April 21. On-site transportation conducted on May 6.
		House transformers inspection					2A, 2B Preparation for transportation into the factory conducted from Mar. 24 to Apr. 3,and from Apr. 7. Transportation into the factory to be conducted on May 17.
		Excitation transformers inspection					Inspection completed on Dec. 6. Preparation for on-site transportation conducted from Mar. 31 to Apr. 8 and from Apr. 21. On-site transportation to be cconducted on May 16.
		Main generator inspection					Inspection commenced on Mar. 19. Withdrawal of the rotor completed on Apr. 9.
		Main exhaust duct inspection / restoration					Visual inspection completed on Oct. 5. Survey to be donducted from Apr. 9 to Jun. 7 prior to restoration work.
Unit No.3	Reactor facilities	Pressure suppression chamber inspection					Inspection to be conducted from Mar. 31 to May 23.
		Inspection of reactor recirculation piping applicable to the Fitness-for-Service rule preparation					Preparation for detailed inspection completed on May 2. Cutting out piping commenced on Apr. 15.
		inspection					Detailed inspection commenced on May 7.
		Core shroud inspection					Inapection to be commenced on May 19.
	Turbine facilities	Turbine inspection *2					Low pressure turbine (B) (C) detailed inspection commenced on May 7. .
	Other facilities	Main transformer inspection					Inspection completed on Oct. 26. Preparation for transportation into the factory conducted from Oct. 18 to Nov. 26, and from May 12. Coordinating for the start date of transportation into the factory.
		House transformers inspection					3B Transportation completed on Sept. 20. 3A Inspection completed on Oct. 22. Preparation for transportation into the factory completed on Mar. 12. Transportation into the factory to be conducted on May 17.
		Excitation transformers inspection					Transportation into the factory completed on Apr. 2.
		Main generator inspection					Inspection commenced on Feb. 20. Transportation of rotor (unloading)to be conducted on May 15.
		Stack inspection					Inspection for substructure of piles commenced on Mar. 28. Detailed inspection for top of stack to be commenced on early June.
		Main exhaust duct inspection / restoration					Visual inspection completed on Sep. 14. Survey to be conducted from Apr. 1 to May 19 prior to restoration work.
Unit No.4	Reactor facilities	Fuel / control rod inspection *1					Visual inspection of fuels to be conducted from Mar. 21 to Mar. 27, and from June 16. Visual inspection of channel boxes completed on Apr. 21. Visual inspection of control rod completed on Apr. 21.
	Turbine facilities	Turbine inspection *2					High pressure turbine and low pressure turbine (A) internal inspection completed on Dec. 14.
	Other facilities	Main transformer inspection					Inspection completed on Dec. 13. Preparation for transportation into the factory conducted from Dec. 14 to Dec. 27. Coordinating for the start date of transportation into the factory.
		House transformers inspection					4A, 4B Coordinating for the start date of inspection.
		Excitation transformers inspection					Coordinating for the start date of inspection.
		Main generator inspection					Inspection commenced on Jan. 15. Withdrawal of rotor completed on Feb. 14.
		Stack inspection					Detailed inspection for top of stack commenced on May 8. Inspection for substructure of piles to be commenced in early July.
		Main exhaust duct inspection / restoration					Visual inspection completed on Oct. 5. Survey to be commenced on May 26 prior to restoration work.

Appendix
May 15, 2008

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) (2/3)

【Inspection/Restoration Status】
◆From May 11th, 2008 (Sun) to June 7th, 2008 (Sat)

System/Equipment		Items	May 11th (Sun) to May 17th (Sat)	May 18th (Sun) to May 24th (Sat)	May 25th (Sun) to May 31st (Sat)	June 1st (Sun) to June 7th (Sat)	Status of Inspection / Restoration
Unit No.5	Reactor facilities	Jet pump inspection					No.1 Disassembly completed on Feb. 28. Root-cause analysis and restoration policy under consideration. Verification work for installation to be conducted from May 19 to May 21.
		Pressure suppression chamber inspection					Inspection to be conducted from Apr. 7 to May 23.
	Turbine facilities	Turbine inspection *2					High pressure turbine and low pressure turbine (A) internal inspection completed on Dec. 14.
	Other facilities	Main transformer inspection					Inspection completed on Nov. 29. Preparation for on-site transportation to be commenced on May 14.
		House transformers inspection					5B On-site transportation completed on Apr. 15. (Temporary installation on wharf.) 5A On-site transportation conducted on Apr. 28 and Apr. 29. (Temporary installation on wharf.) 5A, 5B Transportation into the factory to be conducted on May 16.
		Excitation transformers inspection					Preparation for transportation into the factory completed on Mar. 22. On-site transportation conducted on Apr. 28 and Apr. 29. (Temporary installation on wharf.) Transportation into the factory to be conducted on May 16.
		Main generator inspection					Inspection commenced on Nov. 3. Carrying in (unloading) completed on Apr. 24.
		Stack inspection					Detailed inspection for top of stack commenced on Apr. 16. Inspection for substructure of piles to be commenced in early June.
		Main exhaust duct inspection / restoration					Visual inspection completed on Sep. 14. Survey commenced on Apr. 21 prior to restoration work.
Unit No.6	Turbine facilities	Turbine inspection *2					High pressure turbine and low pressure turbine (A) (B) (C) detailed inspection commenced on May 12.
	Other facilities	Main transformer inspection					Carrying in and installation work commenced on Apr. 30.
		House transformers inspection					6A, 6B Carrying in completed on Apr. 12. Installation work commenced on Apr. 14.
		Reactor internal pump input transformer inspection					Carrying in completed and installation work commenced on Mar. 26.
		Main generator inspection					Inspection commenced on Mar. 10. Withdrawal of the rotor completed on Apr. 3.
		500kV power cable (OF cable) inspection					Inspection commenced on Feb. 9. Energization for testing without load completed on Apr. 12.
		Discharge canal inspetion / restoration					Discharge canal underwater inspection completed on Oct. 10. Internal inspection of discharge canal commenced on Feb. 26. Maintenance work commenced on Mar. 10.
		Stack inspection					Detailed inspection for top of stack to be conducted from Mar. 19 to Mar. 28, and from early June. Internal inspection of stack completed on Apr. 7.
Unit No.7	Reactor facilities	Reactor-well inspection					Inspection and provisional restoration completed on Nov. 15. (Vacuum work is still underway.) Repair of lining completed on Feb. 26. Repair of leakage confirmed on Mar. 14 and Mar. 15 when the reactor well was filled up with water.
	Turbine facilities	Turbine inspection *2					High pressure turbine and low pressure turbine (A) (B) (C) detailed inspection commenced on Dec. 1. Low pressure turbine (A) (B) restoration work of blade commenced on Apr. 14. (Replacement of wear and contacted blade.)
	Other facilities	Main transformer inspection					Installation work commenced on Apr. 10.
		House transformers inspection					7B Installation work commenced on Mar. 24. 7A Installation work commenced on Apr. 11.
		Reactor internal pump input transformer inspection					Installation work to be conducted from Mar. 25 to May 21.
		Main generator inspection					Inspection commenced on Nov. 2. Withdrawal of the rotor completed on Nov. 20.
		500kV power cable (OF cable) inspection					Inspection commenced on Jan. 22. Energization for testing without load completed on Mar. 22.
		Discharge canal inspetion / restoration					Discharge canal underwater inspection completed on Oct. 10. Internal inspection of discharge canal commenced on Feb. 26. Restoration work commenced on Mar. 10.

Appendix
May 15, 2008

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) (3/3)

【Inspection/Restoration Status】
◆From May 11th, 2008 (Sun) to June 7th, 2008 (Sat)

System/Equipment	Items	May 11th (Sun) to May 17th (Sat)	May 18th (Sun) to May 24th (Sat)	May 25th (Sun) to May 31st (Sat)	June 1st (Sun) to June 7th (Sat)	Status of Inspection / Restoration
Transformer (common) / Switch Yard	High-voltage start-up transformer #3 inspection					Internal inspection completed on Apr. 5. Preparation for transportation into the factory completed on Apr. 26. On-site transportation and transportation into the factory to be conducted from May 14 to May 16.
	On-site check / inspection / restoration of the oil protection bank for the transformer					Unit No.7 Restoration work commenced on Dec. 25. Unit No.7 Foundation repair work commenced on Feb. 20. Unit No.3 Preparation for restoration work commenced on Feb. 12. Unit No.3 Recovery of oil-contaminated soil commenced on May. 9.
Environmental Facilities	Inspection of house boilers					(Arahama-side) 1A, 2A, 2B: Restoration work commenced on Apr. 8. (Ohminato-side) 4A: Inspection underway. 4B: Inspection completed on Oct. 23.
	Restoration work for filtrate tank #3 and #4					No.4 Restoration work commenced on Mar. 14. No.4 Water leakage test completed on Apr. 23.
Others	Restoration work for solid waste storage facility					Drum soundness verification work completed on Mar. 17. Transportation of drums to temporary warehouse commenced on Feb. 6.
	Restoration work for administration building / information building, etc.					Repair work of the second floor of the administrative building, and the first and second floors of information building is underway.
	Restoration work for the on-site / outside roads & slope, etc.					Restoration of the slope completed on Oct. 22. Restoration work for roads inside and outside of the site currently in progress. Preparation for reinforcement work commenced on Apr.30.
	Outdoor fire protection system piping to be placed above ground, installation of fire protection tank, etc.					(Ohminato-side) Work on installing fire protection system piping above ground commenced on Mar. 21. (Arahama-side) Work on installing fire protection system piping above ground commenced on Apr. 28.
	Inspection of spent fuel transportation cask					Inspection commenced on Feb. 5.
	Restoration work for port facility					Restoration work on the wharf commenced on Mar. 17. Restoration work for bank protection commenced on Apr. 3.

※ 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.

*1 Fuels and control rods were inspected visually by either underwater cameras or fiberscopes.
"Fuel visual inspection": Representative fuels that had been withdrawn will be inspected. The number of fuel bundles and fuel rods to be inspected differ among units based on the type of fuels and the size of thre reactor core of each unit.
"Channel box visual inspection": Channel boxes adjacent to those control rods subject to inspection will be inspected.
For unit 1, since all fuels and channel boxes were placed in the spent fuel pool at the time of the earthquake, channel boxes that housed fuels that were subject to inspection will be inspected.
"Control rod visual inspection": Representative control rods that had been withdrawn will be inspected. The number of control rods to be inspected differ among units based on the type of fuels and the size of thre reactor core of each unit.

*2 Turbine inspection work will be conducted as follows:
- All units will be inspected in detail by opening all turbine casings after conducting internal inspection.
- Internal inspection will be conducted by opening the high-pressure turbine and low-pressure turbine (A) and visually checking for damages or significant deformation in major components such as the casings and blades.
(For the unit No. 1, since the high-pressure turbine and low-pressure turbines (A) and (C) had been opened for regular outage at the time of the earthquake, inspections will be conducted for the low-pressure turbine (B) that had not been opened.)
- Detailed inspection includes, in addition to regular full-scope inspection, special inspection in consideration of the impact of the earthquake and necessary repairs in case damages are found.