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)

System / Equipment	Items	Aug. 17th (Sun) to Aug. 23rd (Sat	Aug. 24th (Sun) to Aug. 30th (Sa	Aug. 31st (Sun) to Sep. 6th (Sat) Sep. 7th (Sun) to Sep. 13th (Sat) Status of Inspection / Restoration
nit No.1 Turbine facilities	Turbine inspection *			Low-pressure turbine (B) internal inspection completed.
Other facilities	Submerged equipment inspection on ground floor 5 of the reactor combination building			Restoration work commenced on Mar. 17. «Work suspended from Aug. 13 to Aug. 17.»
	Main transformer inspection			On-site transportation completed on Jul. 10.
	House transformer inspection			IA, IB On-site transportation completed on Jul. 9.
	Excitation transformer inspection			Transportation into the factory is underway.
	Main generator inspection			Inspection commenced on Feb. 7. Withdrawal of rotor completed on Mar. 5. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
	500kV power cable inspection			Removal of cables to be conducted from Jul. 7 to Sep. 27. «Work suspended from Aug. 13 to Aug. 17»
	Main exhaust duct inspection / restoration			Survey completed on Jun. 6 prior to restoration work. Preparation for restoration work commenced on Aug. 9. «Work suspended from A 17.»
	Circulating water pipe inspection		-	Foundation improvement, excavating work, and inspection of pipes commenced on Aug. 6. < Work suspended from Aug. 13 to Aug. 17.>
nit No.2 Turbine facilities	Turbine inspection *			High-pressure turbine and low-pressure turbine (A) internal inspection completed.
Other facilities	Main transformer inspection			On-site transportation completed on Jun. 3.
	House transformer inspection			Transportation into the factory is underway.
	Excitation transformer inspection			On-site transportation completed on May 16.
	Main generator inspection			Inspection commenced on Mar. 19. Transportation of rotor into the factory to be conducted on Aug. 21. <work 13="" aug.="" from="" suspended="" t<="" td=""></work>
	Main exhaust duct inspection / restoration			Survey completed on Jun. 6 prior to restoration work. Preparation for restoration work commenced on Aug. 9. «Work suspended from Au 17.»
nit No.3 Reactor facilities	Reactor recirculation piping preventive maintenance			Perparation work commenced on Jul. 14. < Work suspended from Aug. 13 to Aug. 17.>
Turbine facilities	Turbine inspection *			Low-pressure turbine (B) (C) detailed inspection commenced on May 7. High-pressure turbine and low pressure turbine (A) detailed inspection commenced on Jun. 25. Low-pressure turbine (A) (B) restoration work of blades commenced on Jun. 25. (Replacement of wear and contacted blades.)

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]

Sy	stem / Equipment	Items	Aug. 17th (Sun) to Aug. 23rd (Sat Aug. 24th (Sun) to Aug. 30th (Sat Aug. 31st (Sun) to Sep. 6th (Sat) Sep. 7th (Sun) to Sep. 13th (Sat)	Status of Inspection / Restoration
Jnit No.5	Reactor facilities	Jet pump inspection		Root-cause analysis is under consideration.
	Turbine facilities	Turbine inspection *		High-pressure turbine and low-pressure turbine (A) internal inspection completed.
	Other facilities	Main transformer inspection		On-site transportation completed on Aug. 5.
		House transformer inspection		Transportation into the factory is underway.
		Excitation transformer inspection		Transportation into the factory is underway.
		Main generator inspection		Rotor carrying in completed on Apr. 24. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
		500kV power cable inspection		Removal of cables commenced on Jun. 30. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
		Stack inspection		Inspection for substructure of piles commenced on Jun. 23. <work 10="" 17.="" aug.="" from="" suspended="" to=""></work>
		Main exhaust duct inspection / restoration		Preparation for restoration work commenced on Jun. 2. < Work suspended from Aug. 13 to Aug. 15.>
nit No.6	Turbine facilities	Turbine inspection *		High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection commenced on May 12.
	Other facilities	Main transformer inspection		Installation work commenced on Apr. 30. <work 10="" 17,="" aug.="" from="" suspended="" to=""></work>
		House transformer inspection		6A, 6B Installation work commenced on Apr. 14. <work 17.="" 9="" aug.="" from="" suspended="" to=""></work>
		Reactor internal pump input transformer inspection		Installation work commenced on Mar. 26. <work 17.="" 9="" aug.="" from="" suspended="" to=""></work>
		Main generator inspection		Inspection commenced on Mar. 10. Withdrawal of rotor completed on Apr. 3. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
		500kV power cable inspection		Inspection commenced on Feb. 9. Energization for testing without load completed on Apr. 12. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
		Discharge canal inspection / restoration		Internal inspection of discharge canal and restoration work completed on Jun. 26.
				Removal of bypass pipe commenced on Jul.10. <work 10="" 17.="" aug.="" from="" suspended="" to=""></work>
	Seismic reinforcement	Seismic reinforcement works such as pipe supports		Reinforcement work commenced on Jul. 4. <work 13="" 15.="" aug.="" from="" suspended="" to=""></work>
		Seismic reinforcement works for the roof truss of the reactor building		Preparation work commenced on Jul. 17. Coordinating for the start date of reinforcement work. < Work suspended from Aug. 13 to Aug. 17.>
		Seismic reinforcement works for main exhaust stack		Preparation work commenced on Jul. 19. Coordinating for the start date of reinforcement work. < Work suspended from Aug. 13 to Aug. 17.>
		Seismic reinforcement works for fuel handling machine		Preparation work to be enducted from Aug. 18 to Aug. 21. Reinforcement work to be commenced on Aug. 22.
nit No.7	Turbine facilities	Turbine inspection *		High-pressure turbine and low-pressure turbine (A) (B) (C) detailed inspection is underway.
				Low-pressure turbine (A) (B) restoration work of blades commenced on Apr. 14. (Replacement of wear and contacted blade.) Low-pressure turbine (A) (B) (C) restoration work of blades on the 15th stage commenced on Aug. 1.
	Other facilities	Main transformer inspection		Installation work commenced on Apr. 10. <work 17.="" 9="" aug.="" from="" suspended="" to=""></work>
	One recines	T. C.		7B Installation work to be conducted from Mar. 24 to late September. 7A Installation work to be conducted from Apr. 11 to late September. < Wo suspended from Aug. 9 to Aug. 17.>
		House transformer inspection		
		Reactor internal pump input transformer inspection		Electrical testing completed on Jun. 7. Coordinating for the start date of energization for testing without load.
		Main generator inspection		Restration work commenced on Jul. 14. < Work suspended from Aug. 13 to Aug. 17.>
		500kV power cable inspection		Inspection commenced on Jan. 22. Energization for testing without load completed on Mar. 22. < Work suspended from Aug. 13 to Aug. 17.>
		Discharge canal inspection / restoration		Internal inspection of discharge canal and restoration work completed on Jun. 7.
		Discharge canal inspection / restoration		Removal of bypass pipe commenced on Jun. 18. <work 10="" 17.="" aug.="" from="" suspended="" to=""></work>
	Seismic reinforcement	Seismic reinforcement works such as pipe supports		Reinforcement work commenced on Jun. 16.
		Seismic reinforcement works for the roof truss of the reactor building		Reinforcement work commenced on Jul. 14. < Work suspended from Aug. 14 to Aug. 17.>
		Seismic reinforcement works for main exhaust stack		Preparation work commenced on Jul. 19. Coordinating for the start date of reinforcement work. < Work suspended from Aug. 14 to Aug. 17.>
		Seismic reinforcement works for reactor building ceiling crane		Preparation work to be commenced on Aug. 25. Reinforcement work to be commenced on mid-September.
		Seismic reinforcement works for fuel handling machine		Preparation work completed on Aug. 7. Reinforcement work commenced on Aug. 8. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>

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]

System / Equipment	Items	Aug. 17th (Sun) to Aug. 23rd (Sat Aug. 24th (Sun) to Aug. 30th (Sat Aug. 31st (Sun) to Se	6th (Sat) Sep. 7th (Sun) to Sep. 13th (Sat) Status of Inspection / Restoration
, ,,		rug. 17th (bull) to rug. 23th (bull) to rug. 30th (bull) to rug. 31st (bull) to be	*
ransformer (common) / Switch Yar	High-voltage start-up transformer #3 inspection	V	Preparation for installation work to be commenced on Aug. 25. Carrying in to be conducted on Sep. 5.
			Unit No.7 Restoration work to be conducted from Feb. 20 to Aug. 29.
			Unit No.2 Preparation for restoration work commenced on May 20. Unit No.2 Recovery of oil-contaminated soil commenced on Jul. 12.
	On-site check / inspection / restoration of the oil protection bank for the transformer		Unit No.5 Preparation for restoration work commenced on Jun. 3. Unit No.5 Recovery of oil-contaminated soil to be commenced on Sep. 8.
			Unit No.6 Rrestoration work commenced on Jun. 24.
			Unit No.1 Preparation for restoration work commenced on Jul. 7. Unit No.1 Recovery of oil-contaminated soil to be conducted from Aug. 2 to Aug.
			Unit No.3 Rrestoration work commenced on Aug. 2.
			«Work suspended from Aug. 13 to Aug. 17.»
Environmental Facilities	House boilers inspection		(Arahama-side)
			1A Inspection to be conducted from Apr. 8 to Aug. 28.
			2A Inspection to be conducted from Apr. 8 to Sep. 4. 2B Inspection commenced on Apr. 8. (Ohminato-side)
			(Ohminato-sude) 4C Inspection commenced on May 26.
			«Consection Confinence on Way 20. «Work suspended from Aug. 13 to Aug. 17.>
			CHOIK Suspended Hollin Aug. 17 to Aug. 172
	Restoration work for filtrate tank #3 and #4		No.3 Restoration work completed on Aug. 20. «Work suspended from Aug. 13 to Aug. 17.»
			No. Resolution for Compared Vising 20.
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.
			<work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
	Inspection of spent fuel transportation cask storage facility		Inspection for substructure of piles commenced on Jul. 30. «Work suspended from Aug. 10 to Aug. 17»
	inspection of spent fact transportation case storage facility		inspection for substituting of piles confinite and of the 150. Work suspended from Aug. 175
	Restoration work for administration building / information building, etc.		Repair work of the second floor of administration building is underway. <work 17.="" aug.="" from="" suspended=""></work>
	Construction of seismic-isolated essential buildings		Site preparation work commenced on Jun. 23. <work 13="" 17.="" aug.="" from="" suspended="" to=""></work>
			(Ohminato-side) Work on installing fire protection system piping above ground completed on Jun. 27.
	Outdoor fire protection system piping to be placed above ground, etc.	(Arahama-side) Work on installing fire protection system piping above ground commenced on Apr. 28. Replacer	
			piping around the Arahama-side building from underground to above ground completed on Jun. 28.
			<work 17.="" 9="" aug.="" from="" suspended="" to=""></work>
	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. Reinforcement work commenced on May 16.
			Resolution with 10 four situate and outside of the site currently in progress. Refinitement work commerced on way 10.
			Tron superior training to orage the
	Restoration work for port facility	\	Restoration work on the wharf completed on Aug. 7. Restoration work for bank protection commenced on Apr. 3.
			<work 13="" 17.="" aug.="" from="" suspended="" to=""></work>

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.

Period to suspend the works for "Bon Holiday".

- * Turbine inspection work will be conducted as follows:
- turme inspection work in econauctea as tonows:

 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 turbine (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 it consideration of the impact of the earthquake and necessary repairs in case damages are found.