

Attachment

Status of main inspection / restoration work at the Kashiwazaki Kariwa Nuclear Power Station following the Niigataken Chuetsu-oki Earthquake in 2007 (4-week schedule as of September 13, 2007)

Red text: Changes from last week, Blue text: Information added this time

Facility / work		Unit	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	
Open inspection on reactors	Ceiling crane in the reactor building		Inspection scheduled for 8/20~9/17	Inspection scheduled for 8/27~10/4	Inspection scheduled for 8/20~9/14	Inspection scheduled to commence in early October	Inspection scheduled for 9/3~10/1	• Cause of damage being investigated • Inspection scheduled to commence on 9/10	Inspection completed on 9/6	
	Refueling machine		Inspection scheduled to commence in mid October	Inspection scheduled for 8/27~10/5	Inspection scheduled to commence in mid November	Inspection scheduled to commence in mid October	Inspection scheduled to commence on 9/14	Inspection scheduled to commence on 10/2	Inspection scheduled for 8/29~9/27	
	Internals (*)	Phase 1	Inspection conducted on 8/21~23							• Reactor opening scheduled for early October • Inspection scheduled to commence after the opening of the reactor
		Phase 2	Inspection scheduled for 9/14~10/1							
		Phase 3	Inspection preparation scheduled to commence on 10/2							
Open inspection on turbines	Ceiling crane in the turbine building		Inspection scheduled for 8/20~10/26	Inspection completed on 8/24	Inspection scheduled for 8/27~11/23	Inspection scheduled for 9/3~10/16	Inspection scheduled for 8/28~10/17	Inspection scheduled for 8/27~10/4	Inspection scheduled for 8/27~10/4	
	Turbine itself			Inspection timing being coordinated						
Main exhaust ducts			Inspection scheduled for 9/10~15	• Inspection on outdoor sections scheduled for 9/10~15 • Exterior inspection on ducts in the trenches scheduled for 9/19	Inspection scheduled for 9/10~15	• Inspection on outdoor sections scheduled for 9/10~15 • Exterior inspection on ducts in the trenches scheduled for 9/19	• Inspection on outdoor sections scheduled for 9/10~15 • Exterior inspection on ducts in the trenches scheduled for 9/19	—	—	
Transformer	Main transformer	Exterior inspection / Oil extraction / inner inspection	Completed on 8/29 Inspection commencement timing being coordinated	Ex-factory timing being coordinated	Inspection commencement timing being coordinated	Inspection commencement timing being coordinated		• Preparation scheduled for 9/14~10/3 • Preparation scheduled for 10/4~6	Inspection commencement scheduled for 9/14	
	In-house transformer	Exterior inspection / Oil extraction / inner inspection	• 1A: Inspection completed on 9/4 • 1B: Inspection scheduled for 10/8~10/12	Preparation commencement scheduled for 10/15	• 3A: Inspection completed on 9/4 • 3B: Transfer scheduled for 9/20 Preparation commencement scheduled for 10/15	Inspection commencement timing being coordinated		• Preparation scheduled for 9/7~18 • 6A: Inspection scheduled for 9/19~21 • 6B: Inspection scheduled for 9/24~26		
	Excitation transformer	Exterior inspection / Oil extraction / inner inspection	Preparation scheduled for 10/13~10/18	Preparation commencement scheduled for 10/9	Exterior inspection scheduled for 10/18,19 Inspection commencement scheduled for 10/27	Inspection commencement timing being coordinated				
Processing of water leakage on the B5F level of the reactor combination building			Draining and cleanup of passageways and floor areas underway	—	—	—	—	—	—	

(*) Phase 1 (Inspection of the upper reactor): The internals of a reactor are visually checked from above with an underwater camera, before the implementation of further inspection on the area extending from the reactor pressure vessel flange to the upper grid plate, with the aim of checking the internal status of the reactor.

Phase 2 (Inspection of the mid reactor --- the reactor core): An underwater camera is used to visually check the area extending from the upper grid plate to the core support plate, as well as the outer circumference of the core shroud (annulus). The dryer and separator, removed from the core, are also examined.

Phase 3 (Inspection of the bottom of the reactor): Inspection is carried out on the area extending from the core support plate to the bottom of the reactor, after removing control rods, fuel supports and other items that could interfere with the inspection.