

Plant Status of Fukushima Daini Nuclear Power Station (as of 4:00 pm on March 27, 2012)

Appendix

		Unit 1	Unit 2	Unit 3	Unit 4	Reference
Cooling of Reactor	Status of Reactor	Cold Shutdown (All control rod fully inserted)	Cold Shutdown (All control rod fully inserted)	Cold Shutdown (All control rod fully inserted)	Cold Shutdown (All control rod fully inserted)	Cold Shutdown is in a condition where the temperature of reactor water is below 100 and reactor core is subcritical. Temperature of water indicated left is as at 6 am.
	Temperature of the Reactor Water	26.9	26.3	26.3	27.4	
	Residual Heat Removal System (A)	In Service	In Service	In Service	<u>Stand-by</u>	Cooling of reactor is undertaken by one residual heat removal system and reactor coolant filtering system. While reactor coolant filtering system is a system for purifying reactor water, it has a reactor cooling function. In the event that two residual heat removal systems shut down, cold shutdown status of the reactor can be stably maintained by this system.
	Residual Heat Removal System (B)	<u>Non-stand-by</u>	Stand-by	Stand-by	<u>In Service</u>	
	Reactor Coolant Filtering System	In Service	In Service	In Service	In Service	
Cooling of Spent Fuel Pool	Spent Fuel Pool Cooling and Filtering System	In Service	In Service	In Service	In Service	To maintain the temperature of spent fuel pool below 65 , cooling was undertaken by spent fuel pool cooling and filtering system. Temperature of water is as at 6 am.
	Temperature of the Spent Fuel Pool	26.9	29.5	25.9	24.7	
Offsite Power		Receiving	Receiving	Receiving	Receiving	Offsite power to the power station are 4 lines in total; Tomioka line No.1, No.2 (500kV system), and Iwaido line No.1, No.2 (66kV) system.
Emergency Power Supply	Emergency Diesel Generator (A)	Under Restoration	Stand-by	Stand-by	Stand-by	As backups for the loss of offsite power supply, 2 emergency diesel generators are on standby. The emergency diesel generators can be shared between the Units. (Unit 1 can receive power from the stand-by diesel generators of Unit 2-4.) In the power station site, power generator vehicles are placed in order to inject water into the reactors and the spent fuel pools should all AC powersupply is lost.
	Emergency Diesel Generator (B)	Stand-by	Stand-by	Stand-by	Stand-by	
	High Pressure Core Spray System Emergency Diesel Generator	Under Restoration	Under Inspection	Stand-by	Stand-by	
Monitoring Post (Measuring Air Doze Rate)		<p>· 7 monitoring posts (No.1-7, monitors the radiation dose in the environment) placed in the site of the power station are all in operation and there are no significant fluctuations in the monitored values.</p> <p>We will conduct a functional inspection of all the monitoring posts from March 27 to march 29, 2012. Because we conduct the inspection one by one, one monitoring post cannot measure the radiation dose temporarily during its inspection. However, the other 6 monitoring posts are available during the inspection (the inspection period might be changed due to weather condition, etc.).</p> <p>* The monitored values (air dose rates) are announced on our website. http://www.tepco.co.jp/en/nu/fukushima-np/f2/index-e.html</p>				
Special Notes		<p>· In the Unit 1, Residual Heat Removal System (B) will not stand by from 9:50 am on March 27 to 2:30 pm on March 29 (schedule) due to switching of the pump of auxiliary system equipments of Residual Heat Removal System (B).</p> <p>· In the Unit 4, Residual Heat Removal System (A) stopped and (B) of the same system started instead at 4:26 pm on March 26 due to removal of scaffoldings in the Heat Exchanger Building. Residual Heat Removal System (A) stands by at the moment.</p> <p>· The Unit 2 data had been unable to be transmitted to the emergency response support system (ERSS) since 3:30 pm on March 26. The network channel terminating equipment was reset and the defect was dissolved at 4:10 pm on the same day. We presumed that it had been temporary phenomenon since the data has been normally transmitted since then.</p> <p>· Visual inspection of inside of Unit2 PCV has been conducted since March 6, 2012.</p> <p>· Visual inspection of inside of Unit3 PCV has been conducted since February 14, 2012.</p>				