Plant Status of Fukushima Daini Nuclear Power Station (as of 4:00 pm on March 29, 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	27.1℃	26.4℃	26.5℃	28.1℃	
	Residual Heat Removal System (A)	In Service	In Service	In Service	Stand-by	● 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)	Stand-by	Stand-by	Stand-by	In Service	
	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	27.0℃	29.7℃	25.9℃	25.2℃	
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)		• 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. We conducted a functional inspection of all the monitoring posts from March 27 to March 29, 2012. * The monitored values (air dose rates) are announced on our website. http://www.tepco.co.jp/en/nu/fukushima-np/f2/index-e.html				
Special Notes		Temporary data transmission failure occurred as follows : Failed route: From Unit 2 to Emergency Response Support System (ERSS) Duration: 9:39-9:40 on March 29, 2012 It was automatically back to the normal condition and it is working well now. It is assumed that temporary data transmission error occurred on its transmission route. • In the Unit 1, Residual Heat Removal System (B) was in Non-Stand-by condition from 9:50 am on March 27 due to switching of the pump of auxiliary system equipments of Residual Heat Removal System (B). The work was completed and it returned to Stand-by condition at 3:58 pm on March 29, 2012. • Visual inspection of inside of Unit2 PCV has been conducted since March 6, 2012. • Visual inspection of inside of Unit3 PCV has been conducted since February 14, 2012.				