

# Plant Status of Fukushima Daini Nuclear Power Station (as of 3:00 pm on February 2, 2012)

Attachment

|  |  | Unit 1   | Unit 2  | Unit 3  | Unit 4  | Reference  |
|--|--|--|---|---|---|--|
| Cooling of Reactor                           | Status of Reactor  | Cold Shutdown<br>(All control rod fully inserted)  | Cold Shutdown<br>(All control rod fully inserted) | Cold Shutdown<br>(All control rod fully inserted) | Cold Shutdown<br>(All control rod fully inserted) | ● Cold Shutdown is in a condition where the temperature of reactor water is below 100°C and reactor core is subcritical.<br>● Temperature of water indicated left is as at 6 am.   |
|  | Temperature of the Reactor Water                           | 27. 8°C  | 25. 3°C   | 26. 5°C   | 25. 7°C   |  |
|  | Residual Heat Removal System (A)                           | Stand-by   | Stand-by  | <u>Stand-by</u>                                   | Stand-by  | ● Cooling of reactor is undertaken by one residual heat removal system and reactor coolant filtering system.<br><br>● 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)                           | In Service   | In Service  | In Service  | 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°C, cooling was undertaken by spent fuel pool cooling and filtering system.<br>● Temperature of water is as at 6 am.  |
|  | Temperature of the Spent Fuel Pool                         | 25. 3°C  | 23. 6°C   | 24. 7°C   | 24. 9°C   |  |
| 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  | <u>Stand-by</u>                                   | <u>Stand-by</u>                                   | ● 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.<br>(Unit 1 can receive power from the stand-by diesel generators of Unit 2-4.)<br><br>● 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  | <u>Stand-by</u>                                   | <u>Stand-by</u>                                   |  |
|  | High Pressure Core Spray System Emergency Diesel Generator | Under Restoration  | Under Inspection                                  | <u>Stand-by</u>                                   | <u>Stand-by</u>                                   |  |
| Monitoring Post<br>(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.<br>* The monitored values (air dose rates) are announced on our website. <a href="http://www.tepco.co.jp/nu/fukushima-np/f2/index-e.html">http://www.tepco.co.jp/nu/fukushima-np/f2/index-e.html</a>   |   |   |   |  |
| Special Notes                                |  | • <u>In line with Unit 3 power panel maintenance work, Residual Heat Removal System (A) out of service from 10:23 am on January 31 is stand-by from 3:12 pm on February 1 since the maintenance work finished, and Emergency Diesel Generator (A) out of service from 10:29 on January 31 is stand-by from 4:50 pm on February 1 since the maintenance work finished.</u><br>• <u>For switching from the temporary power board to the regular power board with finishing installation of the circuit breaker supplying power for Unit 3, the Fuel Pool Cooling and Filtering System was suspended from 1:36 pm to 2:14 pm on February 2, and the Clean Up Water System was suspended from 1:40 pm to 2:10 pm, the Diesel Generator (A) was not stand-by from 1:42 pm to 2:09 pm on the same day.</u><br>• The Visual inspection of the inside of R/B, Unit 1 has been conducted since December 27, 2011. |   |   |   |  |