# TEPCO Plant Status of Fukushima Daini Nuclear Power Station (as of 3:00 pm August 14, 2011)

Appendix

| | Unit 1 | Unit 2 | Unit 3 | Unit 4 |
|---|---|---|---|---|
| Function to shut down reactor (Shutdown) | ○Automatic shutdown (at 2:48 pm on March 11)<br>○All control rods are all inserted | ○Automatic shutdown (at 2:48 pm on March 11)<br>○All control rods are all inserted | ○Automatic shutdown (at 2:48 pm on March 11)<br>○All control rods are all inserted | ○Automatic shutdown (at 2:48 pm on March 11)<br>○All control rods are all inserted |
| Function to inject water and to remove heat (Cooling) | ○Residual heat removal system(B) is in operation(From March 14)<br>※Residual heat removal system (A) is under restoration<br>○Reactor Coolant Filtering System is in operation (From July 16)<br>[Securing alternative heat removal function in cold shutdown]<br>○Cold shutdown∗(From March 14) | ○Residual heat removal system(A) is in operation(From August 8)<br>※Residual heat removal system(B) had been on operation since March 14, however, after switching to residual heat removal system(A) on August 8, it is on standby.<br>○Reactor Coolant Filtering System is in operation (From July 17)<br>[Securing alternative heat removal function in cold shutdown]<br>○Cold shutdown∗(From March 14) | ○Residual heat removal system(B) is in operation(From March 12)<br>※Residual heat removal system(A) is under restoration<br>○Reactor Coolant Filtering System is in operation (From June 6)<br>[Securing alternative heat removal function in cold shutdown]<br>○Cold shutdown∗(From March 12) | ○Residual heat removal system(A) is in operation(From August 3)<br>※Although Residual heat removal system(B) had operated from March 14, currently it has been stanby since August 4 after it was switched to Residual heat removal system (A) on August 3.<br>○Reactor Coolant Filtering System is in operation (From June 4)<br>[Securing alternative heat removal function in cold shutdown]<br>○Cold shutdown∗(From March 15) |
| Primary Containment Vessel (isolation, removal of heat) (Cooling and containment) | ○No leakage of coolant in PCV<br>○Water temperature in Suppression Chamber is stable (generally 30℃).(On March 14, achieved below 100℃)<br>○No ventilation (measure to decrease the pressure in PCV) implemented | ○No leakage of coolant in PCV<br>○Water temperature in Suppression Chamber is stable (generally 30℃).(On March 14, achieved below 100℃)<br>○No ventilation (measure to decrease the pressure in PCV) implemented | ○No leakage of coolant in PCV<br>○Water temperature in Suppression Chamber is stable (generally 30℃).(Having maintained below 100℃ before the earthquake)<br>○No ventilation (measure to decrease the pressure in PCV) implemented | ○No leakage of coolant in PCV<br>○Water temperature in Suppression Chamber is stable (generally 30℃).(On March 15, achieved below 100℃)<br>○No ventilation (measure to decrease the pressure in PCV) implemented |
| Offsite power | Received | Received | Received | Received |
| Emergency power supply sources | Emergency diesel generator (B)<br>Receiving electricity from the emergency diesel generator(A)(B) of Unit 2 | Emergency diesel generator(A)(B)(H) | Emergency diesel generator (B)(H) | Emergency diesel generator (A)(B)(H) |
| Others, any reports regarding abnormal matters | **○At 5:35 pm on March 11, Occurrence of a Specific Incident Stipulated in Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness(reactor coolant is leaked(increase of pressure in PCV))<br>→At 6:33 pm on March 11, judged that reac** | | | |
| | **○At 6:33 pm on March 11, Occurrence of a Specific Incident Stipulated in Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness(loss of function to remove residual heat)<br>→At 1:24 am on March 14, Restored by the start of Resid** | **○At 6:33 pm on March 11, Occurrence of a Specific Incident Stipulated in Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness(loss of function to remove residual heat)<br>→At 7:13 am on March 14, Restored by the start of Resid** | | **○At 6:33 pm on March 11, Occurrence of a Specific Incident Stipulated in Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness(loss of function to remove residual heat)<br>→At 3:42 pm on March 14, Restored by the start of Resid** |
| | **○At 5:22 am on March 12, Occurrence of a Specific Incident Stipulated in Article 15 of the Act on Special Measures Concerning Nuclear Emergency Preparedness (loss of function to suppress pressure)<br>→At 10:15 am on March 14, Restored by the decrease of the water temperature in Suppression Chamber below 100°C.** | **○At 5:32 am on March 12, Occurrence of a Specific Incident Stipulated in Article 15 of the Act on Special Measures Concerning Nuclear Emergency Preparedness (loss of function to suppress pressure)<br>→At 3:52 am on March 14, Restored by the decrease of the water temperature in Suppression Chamber below 100°C.** | | **○At 6:07 am on March 12, Occurrence of a Specific Incident Stipulated in Article 15 of the Act on Special Measures Concerning Nuclear Emergency Preparedness (loss of function to suppress pressure)<br>→At 7:15 am on March 15, Restored by the decrease of the water temperature in Suppression Chamber below 100°C.** |
| | **○At 10:07 pm on March 14th at the MP 1 and 12:12 am on March 15th at the MP 3, Occurance of a Specific Incident Stipulated in Article 10 of the Act on Special Measures Concerning Nuclear Emergency Preparedness (increase in radioactive material at the boundary) due to the influence by Fukushima Daiichi Nuclear Power Station.<br>→After 9:30 am April 3rd, radiation dose at the boundary of the site at Fukushima Daini Nuclear Power Station measured by MP remains below 5μSv/h<br>Regarding the result of measurement, please refer to TEPCO website at http://www.tepco.co.jp/en/nu/fukushima-np/f2/index-e.html** | | | |

∗:Cold shutdown・・・Condition that the water temperature in Reactor is below 100℃ and Reactor is stably shutdown.