

## Site Photographs of Fukushima Daini Nuclear Power Station

**[Note]**

Since the occurrence of Tohoku-Chihou-Taiheiyou-0ki Earthquake we have disclosed site photographs mainly of Fukushima Daiichi Nuclear Power Station. These are photographs of Fukushima Daini Nuclear Power Station as the reference material of "The impact of Tohoku-Chihou Taiheiyo-0ki Earthquake to Nuclear Reactor Facilities at Fukushima Daini Nuclear Power Station" released on August 12.

**[List of Photographs]****< Heat Exchanger Building >**

1. [Inundated] Inside of Heat Exchanger Building (RHRC pump (C) at 1st floor of Heat Exchanger Building, Unit 4)
2. [Inundated] Inside of Heat Exchanger Building (Stairs between 1st floor and B1 of Heat Exchanger Building, Unit3)
3. [Inundated] Pump of Equipment Cooling Water System (RCW2 pump (B) at B1 of Heat Exchanger Building, Unit 4)
4. [Not Inundated] Pump of Emergency Equipment Cooling Water System (1st floor of Heat Exchanger Building, Unit 3)
5. [Inundated] P/C Power Panel (1st floor of Heat Exchanger Building, Unit 1)
6. [Not Inundated] P/C Power Panel (1st floor of Heat Exchanger Building, Unit 3)
7. Installation of Temporary Cables from Waste Treatment Facility (East Side of Waste Treatment Facility)
8. Powered by High Voltage Power-Supply Car (North Side of Heat Exchanger Building)
9. Debris scattered by Tsunami

**< Reactor Building >**

10. [Inundated] Emergency back-up diesel generator (Emergency DG(A), Unit 1)
11. [Not Inundated] Emergency back-up diesel generator (Emergency DG(B), Unit 2)
12. [Inundated] Emergency air blower for Emergency DG (Emergency air blower for Emergency DG, Unit 1)
13. [Not Inundated] Emergency air blower for Emergency DG (Emergency air blower for Emergency DG, Unit 3)
14. [Inundated] M/C power panel (Unit 1)
15. [Not Inundated] M/C power panel (Unit 3)
16. [Inundated] Second basement of Reactor Building (Storm drain sump, Unit 1)

**< Turbine Building >**

17. [Inundated] Turbine building (Condensate pump on the first basement, Unit 1)
18. [Inundated] Turbine Building (HSCR condensate water transfer pump on the second basement, Unit 3)

**< Activated Carbon Gas Hold-up System Building >**

19. [Inundated] Activated carbon gas hold-up system building (Ventilation and air-conditioning system of CCWS, Unit 3)







**< Common facilities >**




20. [inundated] Waste Treatment Building (Waste Treatment Building, locker room on 1st floor)
21. The situation of Monitoring Post No. 7 which was partly lost by water current
22. The situation of the damaged Tower Crane

**< Others >**

23. The situation of Main Office Building (2nd floor of the Main Office Building)
24. The situation of road in the premise (central intersection in the premise)
25. The situation of road in the premise(road on the southern side in the premise)
26. The situation of facilities which symbolizes the damage by tsunami (Around the Seawater Heat Exchanger Building of Unit 3)
27. The situation of facilities which symbolizes the damage by tsunami (North side of Main Anti-Earthquake Building)
28. The situation of facilities which symbolizes the damage by tsunami (Shallow Draft Quay)
29. Safety measures in case of emergency (Arrangement power supply vehicle), (Arrangement of Fire engines), (Installation of banking)

[Heat Exchanger Building]

Situation after the disaster	Current situation
<u>1 . [Inundated] Inside of Heat Exchanger Building</u>	
	
<p>Date 2011/3/13            Location R H R C pump (C) at 1st floor of Heat Exchanger Building, Unit 4            Photo by TEPCO Staff</p>	<p>Date 2011/8/26            Location R H R C pump (C) at 1st floor of Heat Exchanger Building, Unit 4            Photo by TEPCO Staff            Facility Status Restoration underway</p>
<u>2 . [Inundated] Inside of Heat Exchanger Building</u>	
	
<p>Date 2011/3/16            Location Stairs between 1st floor and B1 of Heat Exchanger Building, Unit 3            Photo by TEPCO Staff</p>	<p>Date 2011/8/29            Location Stairs between 1st floor and B1 of Heat Exchanger Building, Unit 3            Photo by TEPCO Staff</p>
<u>3 . [Inundated] Pump of Equipment Cooling Water System</u>	
	
<p>Date 2011/3/23            Location R C W 2 pump (B) at B1 of Heat Exchanger Building, Unit 4            Photo by TEPCO Staff</p>	<p>Date 2011/8/26            Location R C W 2 pump (B) at B1 of Heat Exchanger Building, Unit 4            Photo by TEPCO Staff            Facility Status Restoration completed</p>

Situation after the disaster	Current situation
<u>4 . [Not Inundated] Pump of Emergency Equipment Cooling Water System</u>	
	
<p>Date 2011/3/19  Location E E C W pump ( B ) of 1st floor of Heat Exchanger Building, Unit 3  Photo by TEPCO Staff  Facility Status In operation</p>	
<u>5 . [Inundated] P / C Power Panel</u>	
	
<p>Date 2011/3/13  Location P / C Power Panel at 1st floor of Heat Exchanger Building, Unit 1  Photo by TEPCO Staff</p>	
<u>6 . [Not Inundated] P / C Power Panel</u>	
	
<p>Date 2011/4/2  Location P / C Power Panel at 1st floor of Heat Exchanger Building, Unit 3  Photo by TEPCO Staff  Facility Status In operation</p>	

Situation after the disaster

Current situation

7 . Installation of Temporary Cables from Waste Treatment Facility



Date 2011/3/13  
Location East Side of Waste Treatment Facility  
Photo by TEPCO Staff

Date 2011/8/26  
Location East Side of Waste Treatment Facility  
Photo by TEPCO Staff

8 . Powered by High Voltage Power-Supply Car



Date 2011/4/2  
Location North Side of Heat Exchanger Building, Unit 4  
Photo by TEPCO Staff  
Facility Status Powering lights and drain pumps

9 . Debris scattered by Tsunami



Date 2011/3/16  
Location Between Heat Exchanger Buildings,  
Unit 3 and 4  
Photo by TEPCO Staff

Date 2011/8/29  
Location Between Heat Exchanger Buildings,  
Unit 3 and 4  
Photo by TEPCO Staff  
Facility Status Debris removed

**[Reactor Building]**

Situation after the disaster	Current situation
<u>10. [Inundated] Emergency back-up diesel generator</u>	
	
<p>Date           2011/3/20            Location      Emergency DG(A), Unit 1            Photo by     TEPCO Staff</p>	<p>Date           2011/8/26            Location      Emergency DG(A), Unit 1            Photo by     TEPCO Staff            Status        Drainage completed, To be overhauled</p>
<u>11. [Not Inundated] Emergency back-up diesel generator</u>	
	
<p>Date           2011/3/22            Location      Emergency DG(B), Unit 2            Photo by     TEPCO Staff            Status        Ready and waiting</p>	

12. [Inundated] Emergency air blower for Emergency DG



Date 2011/3/20  
 Location Emergency air blower for Emergency DG, Unit 1  
 Photo by TEPCO Staff

Date 2011/8/26  
 Location Emergency air blower for Emergency DG, Unit 1  
 Photo by TEPCO Staff  
 Status Under restoration

**Situation after the disaster**

**Current situation**

13. [Not Inundated] Emergency air blower for Emergency DG



Date 2011/3/20  
 Location Emergency air blower for Emergency DG, Unit 3  
 Photo by TEPCO Staff

14. [Inundated] M/C power panel (Unit 1)



Date 2011/4/2  
 Location M/C power panel, Unit 1  
 Photo by TEPCO Staff

Date 2011/8/26  
 Location M/C power panel, Unit 1  
 Photo by TEPCO Staff  
 Status Under restoration

15 . [Not Inundated] M/C power pane



Date 2011/3/27  
 Location M/C power panel, Unit 3  
 Photo by TEPCO Staff

**Situation after the disaster**

**Current situation**





16 . [Inundated] Second basement of Reactor Building



Date 2011/3/21  
 Location Storm drain sump, Unit 1  
 Photo by TEPCO Staff

Date 2011/8/26  
 Location Storm drain sump, Unit 1  
 Photo by TEPCO Staff  
 Status Under restoration






## [Turbine Building]

Situation after the disaster	Current situation
<u>17. [Inundated] Turbine building</u>	
	
<p>Date 2011/3/20            Location Condansate pump on the first basement, Unit 1            Photo by TEPCO Staff</p>	<p>Date 2011/8/26            Location Condansate pump on the first basement, Unit 1            Photo by TEPCO Staff            Status Drainage completed, To be overhauled</p>
<u>18. [Inundated] Turbine Building</u>	
	
<p>Date 2011/3/19            Location HSCR condensate water transfer pump on the second basement, Unit 3            Photo by TEPCO Staff</p>	<p>Date 2011/8/29            Location HSCR condensate water transfer pump on the second basement, Unit 3            Photo by TEPCO Staff            Status Drainage completed, To be overhauled</p>

[Activated Carbon Gas Hold-up System Building]






Situation after the disaster	Current situation
19. [Inundated] Activated carbon gas hold-up system building	
	
<p>Date 2011/3/19            Location Ventilation and air-conditioning system of CCWS, Unit 3            Photo by TEPCO Staff</p>	<p>Date 2011/8/26            Location Ventilation and air-conditioning system of CCWS, Unit 3            Photo by TEPCO Staff            Status Drainage completed, To be overhauled</p>




[Common Facilities]

Situation after the disaster	Current situation
<p>20 . [inundated] Waste Treatment Building</p>	
	
<p>Date 2011/3/16            Location Locker room on the 1st floor of Waste Treatment Building            Photo by TEPCO Staff</p>	<p>Date 2011/8/27            Location Locker room on the 1st floor of Waste Treatment Building.            Photo by TEPCO Staff            Facility Status Restoration Completed.</p>
<p>21 . The situation of Monitoring Post No. 7 which was partly lost by water current</p>	
	
<p>Date 2011/4/24            Location Monitoring Post No. 7            Photo by TEPCO Staff</p>	<p>Date 2011/8/29            Location Monitoring Post No. 7            Photo by TEPCO Staff            Facility Status Completed the replacement of the temporary post with the permanent one.</p>
<p>22 . The situation of the damaged Tower Crane</p>	
	
<p>Date 2011/3/13            Location exhaust stack            Photo by TEPCO Staff</p>	<p>Date 2011/8/29            Location exhaust stack            Photo by TEPCO Staff            Facility Status Completed removal of arm</p>

[Others]

Situation after the disaster	Current situation
23 . The situation of Main Office Building (2nd floor of the Main Office Building)	
	
<p>Date 2011/3/12            Location 2nd floor of Main Office Buliding.            Photo by TEPCO Staff</p>	<p>Date 2011/8/29            Location 2nd Floor of Main Office Building            Photo by TEPCO Staff</p>
24 . The situation of road in the premise (central intersection in the premise)	
	
<p>Date 2011/3/11            Location Central intersection in the premise            Photo by TEPCO Staff</p>	<p>Date 2011/8/27            Location Central intersection in the premise            Photo by TEPCO Staff</p>
25 . The situation of road in the premise(road on the southern side in the premise)	
	
<p>Date 2011/3/12            Location Road on the southern side of the premise            Photo by TEPCO Staff</p>	<p>Date 2011/8/27            Location Road on the southern side of the premise            Photo by TEPCO Staff</p>

Situation after the disaster	Current situation
<p>26. The situation of facilities which symbolizes the damage by tsunami (Around the Seawater Heat Exchanger Building of Unit 3)</p>	
	
<p>Date 2011/4/2  Location Around the Seawater Heat Exchanger Building of Unit 3  Photo by TEPCO Staff</p>	<p>Date 2011/8/26  Location Around the Seawater Heat Exchanger Building of Unit 3  Photo by TEPCO Staff  Facility Status Completed removal of vehicles. Laying cables for Heat Exchanger Buildign are install is underway.</p>
<p>27. The situation of facilities which symbolizes the damage by tsunami (North side of Main Anti-Earthquake Building)</p>	
	
<p>Date 2011/3/11  Location North side of Main Anti-Earthquake Building  Photo by TEPCO Staff</p>	<p>Date 2011/8/29  Location North side of Main Anti-Earthquake Building  Photo by TEPCO Staff  Facility Status Completed Removal of vehicles</p>
<p>28. The situation of facilities which symbolizes the damage by tsunami (Shallow Draft Quay)</p>	
	
<p>Date 2011/03/16  Location Shallow Draft Quay  Photo by TEPCO Staff</p>	<p>Date 2011/08/31  Location Shallow Draft Quay  Photo by Employess  Facility Status Completed rubble removal</p>

Situation after the disaster	Current situation
29 . Safety measures in case of emergency (Arrangement poewr supply vehicle)	
	
	Date            2011/8/29 Location       Near the observation deck of the plant Photo by       TEPCO Staff
29 . Safety measures in case of emergency (Arrangement of Fire engines)	
	
	Date            2011/8/29 Location       Near the observation deck of the plant Photo by       TEPCO Staff
29 . Safety measures in case of emergency (Installement of banking)	
	
	Date            2011/8/29 Location       Access road on the south of power plant Photo by       TEPCO Staff