Reference

September 6, 2011 Tokyo Electric Power Company

Site Photographs of Fukushima Daini Nuclear Power Station

[Note]

Since the occurrence of Tohoku-Chihou-Taiheiyou-Oki 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-Oki 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 Hear 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 (Condenser room on the first basement, Unit 1)
- 18. [Inundated] Turbine Building (HSCR condensate water transfer pumpr 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 simbolizes the damage by tsunami (Around the Seawter Heat Exchanger Building of Unit 3)
- 27 . The situation of facilities which simbolizes the damage by tsunami (North side of Main Anti-Earthquake Building)
- 28. The situation of facilities which simbolizes the damage by tsunami (Shallow Draft Quay)
- 29. [Inundated] Waste Treatment Building damaged by water (low-radiation-level accumulated water)
- 30 . Safety measures in case of emergency (Arrangement poewr supply vehicle), (Arrangement of Fire engines), (Installement of banking)

[Heat Exchanger Building]

Situation after the disaster

Current situation

1 . [Inundated] Inside of Heat Exchanger Building



Date 2011/3/13

Location RHRC pump (C) at 1st floor of

Heat Exchanger Building, Unit 4

Photo by TEPCO Staff



Date 2011/8/26

Location RHRC pump (C) at 1st floor of

Heat Exchanger Building, Unit 4

Photo by TEPCO Staff

Facility Status Restoration underway

2 . [Inundated] Inside of Heat Exchanger Building



Date 2011/3/16

Location Stairs between 1st floor and B1 of

Heat Exchanger Building, Unit3

Photo by TEPCO Staff



Date 2011/8/29

Location Stairs between 1st floor and B1 of

Heat Exchanger Building, Unit3

Photo by TEPCO Staff

3 . [Inundated] Pump of Equipment Cooling Water System



Date 2011/3/23

Location RCW2 pump (B) at B1 of Heat

Exchanger Building, Unit 4

Photo by TEPCO Staff



Date 2011/8/26

Location RCW2 pump (B) at B1 of Heat

Exchanger Building, Unit 4

Photo by TEPCO Staff

Facility Status Restoration completed

Current situation

4 . [Not Inundated] Pump of Emergency Equipment Cooling Water System



Date 2011/3/19

Location E E C W pump (B) of 1st floor of

Hear Exchanger Building, Unit 3

Photo by TEPCO Staff

Facility Status In operation

5 . [Inundated] P / C Power Panel



Date 2011/3/13

Location P/C Power Panel at 1st floor of

Heat Exchanger Building, Unit 1

Photo by TEPCO Staff

6 . [Not Inundated] P / C Power Panel



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

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

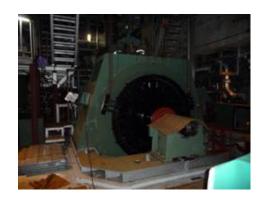
10. [Inundated] Emergency back-up diesel generator



Date 2011/3/20

Location Emergency DG(A), Unit 1

Photo by TEPCO Staff



Date 2011/8/26

Location Emergency DG(A), Unit 1

Photo by TEPCO Staff

Status Drainage completed, To be overhauled

11. [Not Inundated] Emergency back-up diesel generator



Date 2011/3/22

Location Emergency DG(B), Unit 2

Photo by TEPCO Staff Status Ready and waiting

12. [Inundated] Emergency air blower for Emergency DG



Date 2011/3/20

Location Emergency air blower for Emergency

Situation after the disaster

DG, Unit 1

Photo by TEPCO Staff



Date 2011/8/26

Location Emergency air blower for Emergency

DG, Ŭnit 1

Photo by TEPCO Staff Status Under restoration

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



2011/3/27 Date

M/C power panel, Unit 3 TEPCO Staff Location

Photo by

Situation after the disaster

Current situation

16. [Inundated] Second basement of Reactor Building



2011/3/21 Date

Storm drain sump, Unit 1 Location

Photo by TEPCO Staff



2011/8/26 Date

Location Storm drain sump, Unit 1

Photo by TEPCO Staff Status Under restoration

[Turbine Building]

Situation after the disaster

Current situation

17. [Inundated] Turbine building



Date 2011/3/20

Location Condenser room on the first

basement, Unit 1 *

Photo by TEPCO Staff



Date 2011/8/26

Location Condenser room on the first

basement, Unit 1 *

Photo by TEPCO Staff

Status Drainage completed, To be overhauled

18. [Inundated] Turbine Building



Date 2011/3/19

Location HSCR condensate water transfer pumpr

on the second basement, Unit 3

Photo by TEPCO Staff



Date 2011/8/29

Location HSCR condensate water transfer pumpr on

the second basement, Unit 3

Photo by TEPCO Staff

Status Drainage completed. To be overhauled

^{*} As of March 29, 2012, we have made the following correction. [original] Condansate pump on the first basement, Unit 1 [revised] Condenser room on the first basement, Unit 1

[Activated Carbon Gas Hold-up System Building]

Situation after the disaster

Current situation

19. [Inundated] Activated carbon gas hold-up system building



Date 2011/3/19

Ventilation and air-conditioning system of CCWS, Unit 3 Location

TEPCO Staff Photo by



Date 2011/8/26

Location Ventilation and air-conditioning

system of CCWS, Unit 3

Photo by TEPCO Staff

Status Drainage completed, To be overhauled

[Common Facilities]

Situation after the disaster

Current situation

20 . [inundated] Waste Treatment Building



Date 2011/3/16

Location Locker room on the 1st floor of

Waste Treatment Building

Photo by TEPCO Staff



Date 2011/8/27

Location Locker room on the 1st floor of

Waste Treatment Building.

Photo by TEPCO Staff

Facility Status Restoration Completed.

21. The situation of Monitoring Post No. 7 which was partly lost by water current



Date 2011/4/24

Location Monitoring Post No. 7

Photo by TEPCO Staff



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.

22. The situation of the damaged Tower Crane



Date 2011/3/13 Location exhaust stack Photo by TEPCO Staff



Date 2011/8/29 Location exhaust stack Photo by TEPCO Staff

Facility Status Completed removal of arm

[Others]

Situation after the disaster

Current situation

23. The situation of Main Office Building (2nd floor of the Main Office Building)



Date 2011/3/12

Location 2nd floor of Main Office Buliding.

Photo by TEPCO Staff



Date 2011/8/29

Location 2nd Floor of Main Office Building

Photo by TEPCO Staff

24. The situation of road in the premise (central intersection in the premise)



Date 2011/3/11

Location Central intersection in the premise

Photo by TEPCO Staff



Date 2011/8/27

Location Central intersection in the premise

Photo by TEPCO Staff

25. The situation of road in the premise (road on the southern side in the premise)



Date 2011/3/12

Location Road on the southern side of the premise

Photo by TEPCO Staff



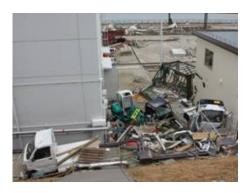
Date 2011/8/27

Location Road on the southern side of the premise

Photo by TEPCO Staff

Current situation

26. The situation of facilities which simbolizes the damage by tsunami (Around the Seawater Heat Exchanger Building of Unit 3)



Date 2011/4/2

Location Around the Seawater Heat Exchanger

Building of Unit 3

Photo by TEPCO Staff



Date 2011/8/26

Location Around the Seawater Heat Exchanger

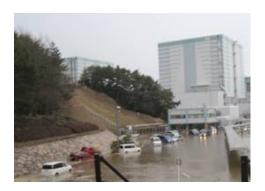
Building of Unit 3

Photo by TEPCO Staff

Facility Status Completed removal of vehicles.

Laying cables for Heat Exchanger Buildign are install is underway.

27. The situation of facilities which simbolizes the damage by tsunami (North side of Main Anti-Earthquake Building)



Date 2011/3/11

Location North side of Main Anti-Earthquake

Building

Photo by TEPCO Staff



Date 2011/8/29

Location North side of Main Anti-Earthquake

Building

Photo by TEPCO Staff

Facitlity Status Completed Removal of vehicles

28. The situation of facilities which simbolizes the damage by tsunami (Shallow Draft Quay)



Date 2011/03/16

Location Shallow Draft Quay

Photo by TEPCO Staff



Date 2011/08/31

Location Shallow Draft Quay

Photo by Employess

Facility Status Completed rubble removal

Current situation

29 . Safety measures in case of emergency

(Arrangement poewr supply vehicle)



Date

2011/8/29

Near the observation deck of the plant TEPCO Staff Location

Photo by

29 . Safety measures in case of emergency (Arrangement of Fire engines)



Date

2011/8/29

Location Near the observation deck of the plant

TEPCO Staff Photo by

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