

Progress milestone dates are defined as follows:

Removal: The date when an equipment is removed

Entry to power station: The date when an equipment is carried into the relevant building within the premises after repair/production

Installation: The date when all the equipments are installed on the mount

Function check: The date when an equipment is checked and confirmed that the unit is recovered and functions as a system

(e.g.) For power panels, the date when they start receiving power supply; for facilities, the date when trial running after system recovery (except for power supply) is conducted and confirmed that there is no problem; etc.

Switch to permanent installation: The date of switching from temporary installation to permanent installation (mainly for power supply)

Planned completion of permanent installation: Planned date when permanent installation is completed

(The completion date for equipments that have already completed the permanent installation)

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of April 2012)

| Unit 1 | | Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope Write the date when finished (completed) : Updated from the previous monthly report | | | | | | | |
|--------------------------------|-------------------------------------|--|------------|------------------------|--------------|----------------|----------------------------------|--|---------|
| Equipment | | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
| 6.9 kV power system | C system | New production of power panel (M/C 1C) | 2011/10/31 | 2012/3/15 | 2012/3/28 | | | 2012 1st half | |
| | H system | New production of power panel (M/C 1HPCS) | | | | | | 2012 2nd half | |
| 480 V power system | C-1 system | New production of power panel (P/C 1C-1) | 2011/12/7 | 2012/4/13 | 2012/4/19 | | | 2012 1st half | |
| | C-2 system | New production of power panel (P/C 1C-2) | 2011/11/11 | | | | | 2012 1st half | |
| | D-2 system | New production of power panel (P/C 1D-2) | 2011/12/14 | | | | | 2012 1st half | |
| Emergency diesel generator | Control panel and related equipment | New production | | | | | | 2012 2nd half | |
| | Power generator | New production & repair | 2011/8/29 | | | | | 2012 2nd half | |
| | Diesel engine | Repair | | | | | | 2012 2nd half | |
| | Auxiliary facility | New production & repair | 2012/1/23 | | | | | 2012 2nd half | |
| | Control panel and related equipment | New production | 2011/11/15 | | | | | 2012 2nd half | |
| | Power generator | New production & repair | 2011/10/19 | | | | | 2012 2nd half | |
| | Diesel engine | Repair | | | | | | 2012 2nd half | |
| | Auxiliary facility | New production & repair | 2012/1/23 | | | | | 2012 2nd half | |
| DC power supply | Battery charger | New production | 2011/9/16 | | | | | 2012 2nd half | |
| | Battery | New production | 2011/6/3 | | | | | 2012 2nd half | |
| Seismometer | | New production & replacement | | | | | | 2012 2nd half | |
| Low-pressure core spray system | | Recovery of high-voltage power supply (M/C 1C) system and cables | | | | | | 2012 1st half | |

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of April 2012)

Unit 1

Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope
Write the date when finished (completed) : Updated from the previous monthly report

| Equipment | | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
|--|----------|--|---------|------------------------|--------------|----------------|----------------------------------|--|---------|
| Residual heat removal system | A system | Recovery of high-voltage power supply (M/C 1C) system and cables | | | | 2011/11/17 | | 2012 1st half | |
| | C system | Recovery of high-voltage power supply (M/C 1C) system and cables | | | | | | 2012 1st half | |
| Residual heat removal system cooling system | A system | Recovery of power supply (P/C 1C-2) system and cables | | 2011/10/26 | 23.10.27 | 2011/11/9 | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 1D-2) system and cables | | 2011/9/20 | 2011/9/21 | 2011/9/26 | | 2012 1st half | |
| | C system | Recovery of power supply (P/C 1C-2) system and cables | | | | | | 2012 2nd half | |
| | D system | Recovery of power supply (P/C 1D-2) system and cables | | 2011/9/20 | 2011/9/20 | 2012/3/15 | | 2012 1st half | |
| Residual heat removal system cooling seawater system | A system | Recovery of power supply (P/C 1C-2) system and cables | | 2011/8/5 | 2011/11/2 | 2011/11/11 | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 1D-2) system and cables | | | 2012/4/5 | 2012/4/12 | | 2012 1st half | |
| | C system | Recovery of power supply (P/C 1C-2) system and cables | | 2011/8/5 | | | | 2012 2nd half | |
| | D system | Recovery of power supply (P/C 1D-2) system and cables | | | 2012/1/6 | 2012/1/12 | | 2012 1st half | |
| Emergency diesel generator cooling system | A system | Recovery of power supply (P/C 1C-2) system and cables | | 2011/10/26 | 2011/10/27 | 2011/11/4 | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 1D-2) system and cables | | 2011/11/22 | 2011/11/25 | 2011/11/26 | | 2012 1st half | |
| Reactor water cleanup system | A system | Recovery of power supply (P/C 1C-1) system and cables, and permanent installation of | | | | | | 2012 2nd half | |
| | B system | Permanent installation of purge line | | | | | | 2012 1st half | |
| High-pressure core spray system | | Recovery of high-voltage power supply (M/C 1HPCS) system and cables | | | | | | 2012 2nd half | |
| High-pressure core spray system closed cooling system | | Recovery of high-voltage power supply (M/C 1HPCS) system and cables | | | | | | 2012 2nd half | |
| High-pressure core spray system closed cooling seawater system | | Recovery of high-voltage power supply (M/C 1HPCS) system and cables | | | | | | 2012 2nd half | |
| Reactor auxiliary cooling system | A system | Recovery of power supply (P/C 1C-2) system and cables | | | | | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 1D-2) system and cables | | 2011/7/2 | 2011/7/4 | 2011/7/4 | | 2012 1st half | |
| Condensate water makeup system | A system | Recovery of power supply (P/C 1C-1) system and cables | | | | | | 2012 2nd half | |
| Standby gas treatment system | A system | Recovery of power supply (P/C 1C-1) system and cables | | | | | | 2012 2nd half | |

* MC: Metal-Clad Switch Gear

Power panel used for in-plant high voltage circuit, which is compact storage of magnetic or vacuum circuit breaker, protective relay, and ancillary meters.

* P/C: Power Center

Power panel used for in-plant low voltage circuit, which is compact storage of air circuit breaker (ACB), protective relay, and ancillary meters.

* Purge line: Seal water line of reactor water cleanup system pump

Current progress rate is **33%** (Previous month: 30%)

Note: Progress rate = (Number of completion columns)/(Total columns from removal to permanent installation - Number of columns in scope) x 100

* At the internal inspection after the permanent installation, the equipments subject to the Recovery Plan will be tested.

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of April 2012)

Unit 2

Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope
Write the date when finished (completed) : Updated from the previous monthly report

| Equipment | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
|--|-------------------------|---|------------------------|--------------|----------------|----------------------------------|--|---------|
| 480 V power system | C-2 system | New production of power panel (P/C 2C-2) | | | | | 2012 2nd half | |
| | D-2 system | New production of power panel (P/C 2D-2) | | | | | 2012 2nd half | |
| Residual heat removal system cooling system | A system | Recovery of power supply (P/C 2C-2) system and cables | | | 2011/8/6 | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 2D-2) system and cables | | | 2011/3/14 | | 2012 2nd half | |
| | C system | Recovery of power supply (P/C 2C-2) system and cables | | | | | 2012 2nd half | |
| | D system | Recovery of power supply (P/C 2D-2) system and cables | | | 2011/3/24 | | 2012 2nd half | |
| Residual heat removal system cooling seawater system | A system | Recovery of power supply (P/C 2C-2) system and cables | | 2011/7/28 | 2011/7/28 | 2011/8/6 | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 2D-2) system and cables | | 2012/3/1 | | | 2012 2nd half | |
| | C system | Recovery of power supply (P/C 2C-2) system and cables | | 2011/8/2 | | | 2012 2nd half | |
| | D system | Recovery of power supply (P/C 2D-2) system and cables | | 2011/9/12 | 2011/9/12 | 2011/10/12 | 2012 2nd half | |
| Emergency diesel generator cooling system | A system | Recovery of power supply (P/C 2C-2) system and cables | | 2011/7/26 | 2011/7/26 | 2011/8/3 | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 2D-2) system and cables | | | | 2011/3/14 | 2012 2nd half | |
| Reactor auxiliary cooling system | A system | Recovery of power supply (P/C 2C-2) system and cables | | | | | 2012 2nd half | |
| | B system | Recovery of power supply (P/C 2D-2) system and cables | | 2011/6/28 | 2011/6/28 | 2011/7/12 | 2012 2nd half | |
| Reactor water cleanup system | A system | Permanent installation of purge line | | | | | 2012 1st half | |
| | B system | Permanent installation of purge line | | | | | 2012 1st half | |
| High-pressure core spray system closed cooling seawater system | New production of motor | | 2011/9/2 | | | | 2012 1st half | |

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Power panel used for in-plant low voltage circuit, which is compact storage of air circuit breaker (ACB), protective relay, and ancillary meters.

* Purge line: Seal water line of reactor water cleanup system pump

Current progress rate is **35%** (Previous month: 35%)

Note: Progress rate = (Number of completion columns)/(Total columns from removal to permanent installation - Number of columns in scope) x 100

* At the internal inspection after the permanent installation, the equipments subject to the Recovery Plan will be tested.

* Progress rate is the same as the previous month because there was no change in each step. However, the recovery tasks are proceeding steadily.

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of April 2012)

Unit 3

Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope
Write the date when finished (completed) : Updated from the previous monthly report

| Equipment | | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
|--|------------|---|-----------|------------------------|--------------|----------------|----------------------------------|--|---------|
| 480 V power system | C-2 system | New production of power panel (P/C 3C-2) | 2011/9/15 | 2012/1/26 | 2012/1/27 | | | 2012 1st half | |
| Residual heat removal system cooling system | A system | Recovery of power supply (P/C 3C-2) system and cables | | 2011/8/2 | 2011/8/3 | 2011/8/26 | | 2012 1st half | |
| | C system | Recovery of power supply (P/C 3C-2) system and cables | | 2011/8/29 | 2011/8/30 | 2011/9/9 | | 2012 1st half | |
| Residual heat removal system cooling seawater system | A system | Recovery of power supply (P/C 3C-2) system and cables | | 2011/8/24 | 2011/8/24 | 2011/8/30 | | 2012 1st half | |
| | C system | Recovery of power supply (P/C 3C-2) system and cables | | 2011/9/5 | 2011/9/7 | 2011/9/14 | | 2012 1st half | |
| Emergency diesel generator cooling system | A system | Recovery of power supply (P/C 3C-2) system and cables | | 2011/8/2 | 2011/8/3 | 2011/8/23 | | 2012 1st half | |
| Reactor water cleanup system | A system | Permanent installation of purge line | | | | | | 2012 1st half | |
| | B system | Permanent installation of purge line | | | | | | 2012 1st half | |

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Power panel used for in-plant low voltage circuit, which is compact storage of air circuit breaker (ACB), protective relay, and ancillary meters.

* Purge line: Seal water line of reactor water cleanup system pump

Current progress rate is **69%** (Previous month: 69%)

Note: Progress rate = (Number of completion columns)/(Total columns from removal to permanent installation - Number of columns in scope) x 100

* At the internal inspection after the permanent installation, the equipments subject to the Recovery Plan will be tested.

* Progress rate is the same as the previous month because there was no change in each step. However, the recovery tasks are proceeding steadily.

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of April 2012)

Unit 4

Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope

Write the date when finished (completed) : Updated from the previous monthly report

| Equipment | | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
|--|------------|---|-----------|------------------------|--------------|----------------|----------------------------------|--|---------|
| 480 V power system | C-2 system | New production of power panel (P/C 4C-2) | 2011/9/7 | 2011/12/2 | 2011/12/9 | 2012/1/30 | | 2012/1/30 | |
| | D-2 system | New production of power panel (P/C 4D-2) | 2011/9/30 | 2012/2/28 | 2012/3/8 | 2012/3/23 | | 2012/3/23 | |
| Residual heat removal system cooling system | A system | Recovery of power supply (P/C 4C-2) system and cables | | 2011/7/8 | 2011/7/8 | 2011/7/25 | 2012/2/24 | 2012/2/24 | |
| | B system | Recovery of power supply (P/C 4D-2) system and cables | | 2011/7/5 | 2011/7/5 | 2011/7/7 | 2012/4/11 | 2012/4/11 | |
| | C system | Recovery of power supply (P/C 4C-2) system and cables | | 2012/4/19 | 2012/4/19 | 2012/4/26 | 2012/4/26 | 2012/4/26 | |
| | D system | Recovery of power supply (P/C 4D-2) system and cables | | 2011/9/5 | 2011/9/5 | 2011/9/29 | 2012/4/12 | 2012/4/12 | |
| Residual heat removal system cooling seawater system | A system | Recovery of power supply (P/C 4C-2) system and cables | | 2011/7/27 | 2011/7/27 | 2011/8/2 | 2012/2/24 | 2012/2/24 | |
| | B system | Recovery of power supply (P/C 4D-2) system and cables | | 2011/9/7 | 2011/9/7 | 2011/9/21 | 2012/4/11 | 2012/4/11 | |
| | C system | Recovery of power supply (P/C 4C-2) system and cables | | 2011/7/27 | 2012/4/18 | 2012/4/26 | 2012/4/26 | 2012/4/26 | |
| | D system | Recovery of power supply (P/C 4D-2) system and cables | | 2012/4/17 | 2012/4/17 | 2012/4/25 | 2012/4/25 | 2012/4/25 | |
| Emergency diesel generator cooling system | A system | Recovery of power supply (P/C 4C-2) system and cables | | 2011/7/8 | 2011/7/8 | 2011/7/21 | 2012/2/24 | 2012/2/24 | |
| | B system | Recovery of power supply (P/C 4D-2) system and cables | | | | 2011/3/14 | 2012/4/12 | 2012/4/12 | |
| Reactor water cleanup system | A system | Permanent installation of purge line | | | | | | 2012 1st half | |
| | B system | Permanent installation of purge line | | | | | | 2012 1st half | |

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* Purge line: Seal water line of reactor water cleanup system pump

Current progress rate is **95%** (Previous month: 64%)

Note: Progress rate = (Number of completion columns)/(Total columns from removal to permanent installation - Number of columns in scope) x 100

* At the internal inspection after the permanent installation, the equipments subject to the Recovery Plan will be tested.

Fukushima Daini Nuclear Power Station Progress status based on Recovery Plan (as at the end of March 2012)

Common facilities

Legend: : Underway, inspection, repair : Completed : Not started : Outside of the scope
 Write the date when finished (completed) : Updated from the previous monthly report

| Equipment | | Work type | Removal | Entry to power station | Installation | Function check | Switch to permanent installation | Planned completion of permanent installation | Remarks |
|----------------|------------|------------------------------|---------|------------------------|--------------|----------------|----------------------------------|--|---------|
| Outlet monitor | Units 1& 2 | New production & replacement | | | | | | 2012 2nd half | |
| | Units 3& 4 | New production & replacement | | | | | | 2012 1st half | |

Current progress rate is **0%** (Previous month: 0%)

Note: Progress rate = (Number of completion columns)/(Total columns from removal to permanent installation - Number of columns in scope) x 100

* At the internal inspection after the permanent installation, the equipments subject to the Recovery Plan will be tested.