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 August 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	Internal inspection
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)	2012/8/29					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 2nd half	
		C-2 system	New production of power panel (P/C 1C-2)	2011/11/11	2012/7/3	2012/7/10			2012 2nd half	
		D-2 system	New production of power panel (P/C 1D-2)	2011/12/14	2012/6/12	2012/6/18			2012 2nd half	
Emergency diesel generator	Control panel and related equipment	A system	New production	2012/8/2					2012 2nd half	
	Power generator		New production & repair	2011/8/29	2012/8/20	2012/8/31			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	H system	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	H system	New production	2011/9/16					2012 2nd half	
	Battery		New production	2011/6/3					2012 2nd half	
Seismometer			New production & replacement	2012/8/3	2012/6/1	2012/6/13	2012/8/6		2012/8/6	
Low-pressure core spray system			Recovery of high-voltage power supply (M/C 1C) system and cables						2012 2nd half	

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan
(As of the End of August 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	Internal inspection
Residual heat removal system	A system	Recovery of high-voltage power supply (M/C 1C) system and cables				2011/11/17		2012 2nd half	
	C system	Recovery of high-voltage power supply (M/C 1C) system and cables						2012 2nd 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 2nd half	
	C system	Recovery of power supply (P/C 1C-2) system and cables		2012/5/22	2012/5/22	2012/7/24		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 2nd 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 2nd half	
	C system	Recovery of power supply (P/C 1C-2) system and cables		2011/8/5	2012/5/15			2012 2nd half	
	D system	Recovery of power supply (P/C 1D-2) system and cables			2012/1/6	2012/1/12		2012 2nd 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 2nd 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 2nd 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		2012/6/12	2012/6/13	2012/6/19		2012 2nd half	
	B system	Recovery of power supply (P/C 1D-2) system and cables		2011/7/2	2011/7/4	2011/7/14		2012 2nd 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 48% (Previous month: 44%)

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 August 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	Internal inspection
480 V power system	C-2 system	New production of power panel (P/C 2C-2)	2012/6/13					2012 2nd half	
	D-2 system	New production of power panel (P/C 2D-2)	2012/7/6					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		2012/6/5	2012/6/5	2012/6/14		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 2nd half	
	B system	Permanent installation of purge line						2012 2nd half	
High-pressure core spray system closed cooling seawater system		New production of motor	2011/9/2					2012 2nd half*1	

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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 46% (Previous month: 46%)

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.

*1 The planned completion of permanent installation has been changed to "2012 2nd half" according to the changes made to the restoration plan.

Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan (As of the End of August 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	Internal inspection
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	2012/8/27		2012/8/27	
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	

* 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 73% (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 August 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	Internal inspection
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	2010/5/15
	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	2010/5/16
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	2010/5/15
	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	2010/5/16
	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	2010/5/15
	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	2010/5/16
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	2010/5/15
	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	2010/5/16
	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	2010/5/15
	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	2010/5/16
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	2010/5/15
	B system	Recovery of power supply (P/C 4D-2) system and cables				2011/3/14	2012/4/12	2012/4/12	2010/5/16
Reactor water cleanup system	A system	Permanent installation of purge line					2012/5/11	2012/5/11	2010/5/17
	B system	Permanent installation of purge line					2012/5/17	2012/5/17	2010/5/17

* 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

Restoration completed on May 17 (Progress rate: 100%)

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 of the end of August 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.