

## Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan at Unit 1

### Unit 1 (1/2)

Legend: ■: Underway, inspection, repair ■: Completed ■: Not started ■: Outside of the scope  
Write the date when finished (completed)

Equipment		Work type	Removal	Entry to power station	Installation	Function check	Switch to permanent installation	Planned completion of permanent installation	Internal inspection	
Power supply facilities	C system	New production of power panel (M/C 1C)	2011/10/31	2012/3/15	2012/3/28	2012/9/27		2012/9/27	2013/5/30	
	H system	New production of power panel (M/C 1HPCS)	2012/8/29	2012/10/24	2012/11/1	2013/3/1		2013/3/1	2013/4/9	
Power system	C-1 system	New production of power panel (P/C 1C-1)	2011/12/7	2012/4/13	2012/4/19	2012/10/29		2012/10/29	2013/5/14	
	C-2 system	New production of power panel (P/C 1C-2)	2011/11/11	2012/7/3	2012/7/10	2013/1/28		2013/1/28	2013/5/30	
	D-2 system	New production of power panel (P/C 1D-2)	2011/12/14	2012/6/12	2012/6/18	2012/12/27		2012/12/27	2013/5/29	
Emergency diesel generator	Control panel and related equipment	A system	New production	2012/8/2	2012/9/21	2012/10/1	2013/2/13		2013/2/13	2013/5/30
	Power generator		New production & repair	2011/8/29	2012/8/20	2012/8/31	2013/2/13		2013/2/13	2013/5/30
	Diesel engine		Repair				2013/2/1		2013/2/1	2013/5/30
	Auxiliary facility		New production & repair	2012/1/23	2012/12/11	2012/12/12	2013/1/31		2013/1/31	2013/5/30
	Control panel and related equipment	H system	New production	2011/11/15	2012/11/5	2012/11/9	2013/3/21		2013/3/21	2013/4/9
	Power generator		New production & repair	2011/10/19	2012/10/18	2012/11/1	2013/3/21		2013/3/21	2013/4/9
	Diesel engine		Repair				2013/3/21		2013/3/21	2013/4/9
	Auxiliary facility		New production & repair	2012/1/23	2013/2/23	2013/2/23	2013/3/21		2013/3/21	2013/4/9
DC power supply	Battery charger	H system	New production	2011/9/16	2012/12/3	2012/12/3	2013/3/12		2013/3/12	2013/3/18
	Battery		New production	2011/6/3	2012/12/3	2012/12/18	2013/3/14		2013/3/14	2013/3/18
Seismometer		New production & replacement	2012/8/3	2012/6/1	2012/6/13	2012/8/6		2012/8/6	2012/11/27	
Low-pressure core spray system		Recovery of high-voltage power supply (M/C 1C) system and cables				2013/2/23	2013/2/23	2013/2/23	2013/5/30	

## Fukushima Daini Nuclear Power Station: Progress Status Based on the Recovery Plan at Unit 1

### Unit 1 (2/2)

Legend: ■: Underway, inspection, repair ■: Completed ■: Not started ■: Outside of the scope  
Write the date when finished (completed)

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	2013/3/15	2013/3/15	2013/5/30
	C system	Recovery of high-voltage power supply (M/C 1C) system and cables				2012/10/22	2012/10/22	2012/10/22	2013/5/29
Residual heat removal system cooling system	A system	Recovery of power supply (P/C 1C-2) system and cables		2011/10/26	2011/10/27	2011/11/9	2013/2/7	2013/2/7	2013/5/30
	B system	Recovery of power supply (P/C 1D-2) system and cables		2011/9/20	2011/9/21	2011/9/26	2013/3/1	2013/3/1	2013/5/29
	C system	Recovery of power supply (P/C 1C-2) system and cables		2012/5/22	2012/5/22	2012/7/24	2013/2/12	2013/2/12	2013/5/30
	D system	Recovery of power supply (P/C 1D-2) system and cables		2011/9/20	2011/9/20	2012/3/15	2013/3/1	2013/3/1	2013/5/29
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	2013/2/7	2013/2/7	2013/5/30
	B system	Recovery of power supply (P/C 1D-2) system and cables			2012/4/5	2012/4/12	2013/3/4	2013/3/4	2013/5/29
	C system	Recovery of power supply (P/C 1C-2) system and cables		2011/8/5	2012/5/15	2013/1/18	2013/2/8	2013/2/8	2013/5/30
	D system	Recovery of power supply (P/C 1D-2) system and cables			2012/1/6	2012/1/12	2013/3/4	2013/3/4	2013/5/29
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	2013/2/5	2013/2/5	2013/5/30
	B system	Recovery of power supply (P/C 1D-2) system and cables		2011/11/22	2011/11/25	2011/11/26	2013/3/1	2013/3/1	2013/5/29
Reactor water cleanup system	A system	Recovery of power supply (P/C 1C-1) system and cables, and permanent installation of					2013/5/14	2013/5/14	2013/5/14
	B system	Permanent installation of purge line					2013/5/9	2013/5/9	2013/5/14
High-pressure core spray system		Recovery of high-voltage power supply (M/C 1HPCS) system and cables				2013/3/25	2013/3/25	2013/3/25	2013/4/9
High-pressure core spray system closed cooling system		Recovery of high-voltage power supply (M/C 1HPCS) system and cables		2012/12/13	2012/12/13	2013/3/14	2013/3/14	2013/3/14	2013/4/9
High-pressure core spray system closed cooling seawater system		Recovery of high-voltage power supply (M/C 1HPCS) system and cables			2012/12/26	2013/3/18	2013/3/18	2013/3/18	2013/4/9
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	2013/3/7	2013/3/7	2013/3/19
	B system	Recovery of power supply (P/C 1D-2) system and cables		2011/7/2	2011/7/4	2011/7/14	2013/3/8	2013/3/8	2013/3/15
Condensate water makeup system	A system	Recovery of power supply (P/C 1C-1) system and cables				2013/2/7	2013/2/7	2013/2/7	2013/3/28
Standby gas treatment system	A system	Recovery of power supply (P/C 1C-1) system and cables				2012/12/14	2012/12/14	2012/12/14	2012/12/14

\* 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 circulation pump

### Restoration completed on May 30, 2013

## (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