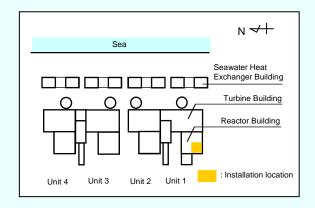
## Permanent installation of the power panel (M/C 1HPCS) in Unit 1 Reactor Building Annex (March 1)

The power panel (M/C 1HPCS) damaged by the Tsunami in Unit 1 Reactor Building Annex was permanently installed on March 1 after proper function was confirmed at function check.

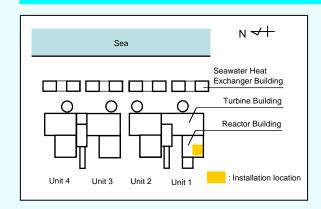




After function check [Permanent installation completed on March 1, 2013] (Photo taken on March 12, 2013)

Permanent installation of the emergency diesel generator (H) facilities in Unit 1 Reactor Building Annex (March 21)

The emergency diesel generator (H) facilities damaged by the Tsunami (control panel, generator, diesel engine and component equipment) in Unit 1 Reactor Building Annex were permanently installed on March 21 after proper function was confirmed at function check.





Trial operation (control panel) [Permanent installation completed on March 21, 2013] (Photo taken on March 19, 2013)



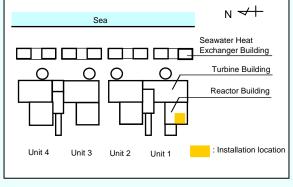
Trial operation (generator) [Permanent installation completed on March 21, 2013] (Photo taken on March 21, 2013)



Trial operation (upper part of the diesel engine)
[Permanent installation completed on March 21, 2013]
(Photo taken on March 21, 2013)

## Permanent installation of the charger and battery of the DC power supply (H) in Unit 1 Reactor Building Annex (March 14)

Unit 1 DC power supply (charger and battery) damaged by the Tsunami was permanently installed on March 14 after proper function was confirmed at function check.





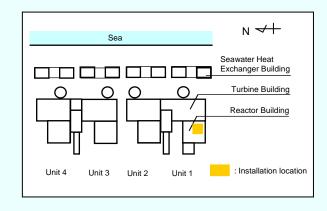
After function check (charger panel) [Permanent installation completed on March 12, 2013] (Photo taken on April 1, 2013)



After function check (battery) [Permanent installation completed on March 14, 2013] (Photo taken on March 14, 2013)

Permanent installation of the electric motor of the residual heat removal system (A) in Unit 1 Reactor Building (March 15)

Since Unit 1 power panel (M/C 1C) damaged by the Tsunami was permanently installed, power was supplied to the electric motor of Unit 1 residual heat removal system (A). As the electric motor was confirmed to operate properly as a result of trial operation, the permanent installation has been completed on March 15.

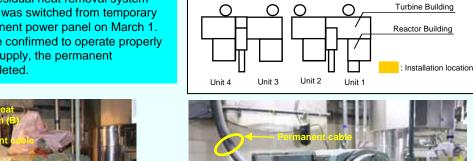




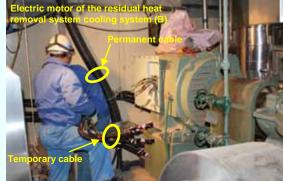
Trial operation [Permanent installation completed on March 15, 2013] (Photo taken on March 15, 2013)

## Permanent installation of the electric motors of the residual heat removal system cooling systems (B and D) in Unit 1 Seawater Heat Exchanger Building (March 1)

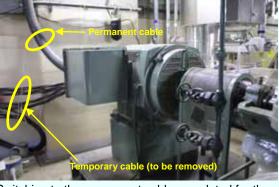
Since Unit 1 power panel (P/C 1D-2) damaged by the Tsunami was permanently installed, the power supply to the electric motors of the residual heat removal system cooling systems (B and D) was switched from temporary power supply to the permanent power panel on March 1. As the electric motors were confirmed to operate properly after switching the power supply, the permanent installation has been completed.



Sea



Removal of temporary cable (Photo taken on February 26, 2013)



 $N \leftarrow +$ 

Seawater Heat

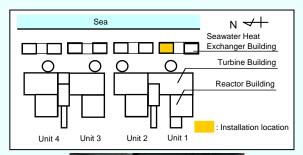
Exchanger Building

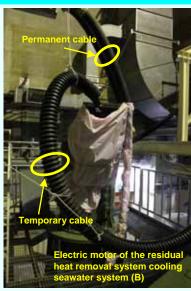
Switching to the permanent cable completed for the electric motor of the residual heat removal system cooling system (B)

[Permanent installation completed on March 1, 2013] (Photo taken on March 14, 2013)

Permanent installation of the electric motors of the residual heat removal system cooling seawater systems (B and D) in Unit 1 Seawater Heat Exchanger Building (March 4)

Since Unit 1 power panel (P/C 1D-2) damaged by the Tsunami was permanently installed, the power supply to the electric motors of the residual heat removal system cooling seawater systems (B and D) was switched from temporary power supply to the permanent power panel on March 4. As the electric motors were confirmed to operate properly after switching the power supply, the permanent installation has been completed.





Before switching to the permanent cable (Photo taken on February 25, 2013)



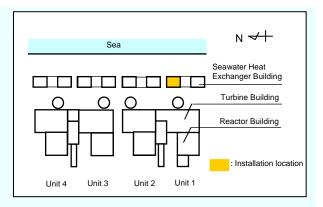
Switching to the permanent cable completed for the electric motor of the residual heat removal system cooling seawater system (B)

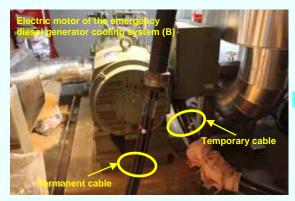
[Permanent installation completed on March 4, 2013]

(Photo taken on March 14, 2013)

## Permanent installation of the electric motor of the emergency diesel generator cooling system (B) in Unit 1 Seawater Heat Exchanger Building (March 1)

Since Unit 1 power panel (P/C 1D-2) damaged by the Tsunami was permanently installed, the power supply to the electric motor of the emergency diesel generator cooling system (B) was switched from temporary power supply to the permanent power panel on March 1. As the electric motor was confirmed to operate properly after switching the power supply, the permanent installation has been completed.





Before switching to the permanent cable (Photo taken on February 25, 2013)



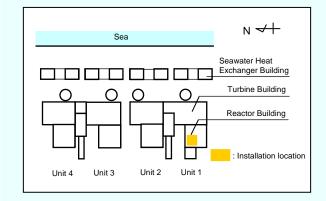
electric motor of the emergency diesel generator cooling system (B)

[Permanent installation completed on March 1, 2013]

(Photo taken on April 1, 2013)

Permanent installation of the electric motor of the high pressure reactor core spray system in Unit 1 Reactor Building (March 25)

Since Unit 1 power panel (M/C 1HPCS) damaged by the Tsunami was permanently installed, power was supplied to the electric motor of Unit 1 high pressure reactor core spray system. As the electric motor was confirmed to operate properly as a result of trial operation, the permanent installation has been completed on March 25.

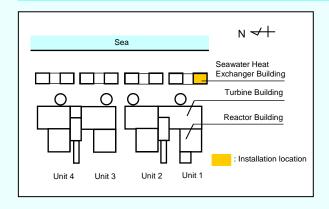




Trial operation [Permanent installation completed on March 25, 2013] (Photo taken on March 25, 2013)

Permanent installation of the electric motor of the high pressure reactor core spray system component cooling system in Unit 1 Seawater Heat Exchanger Building (March 14)

Since Unit 1 power panel (M/C 1HPCS) damaged by the Tsunami was permanently installed, power was supplied to the electric motor of Unit 1 high pressure reactor core spray system component cooling system. As the electric motor was confirmed to operate properly as a result of trial operation, the permanent installation has been completed on March 14.

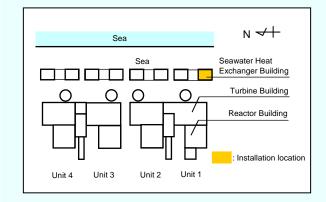




Trial operation [Permanent installation completed on March 14, 2013] (Photo taken on March 14, 2013)

Permanent installation of the electric motor of the high pressure reactor core spray system component cooling seawater system in Unit 1 Seawater Heat Exchanger Building (March 18)

Since Unit 1 power panel (M/C 1HPCS) damaged by the Tsunami was permanently installed, power was supplied to the electric motor of Unit 1 high pressure reactor core spray system component cooling seawater system. As the electric motor was confirmed to operate properly as a result of trial operation, the permanent installation has been completed on March 18.

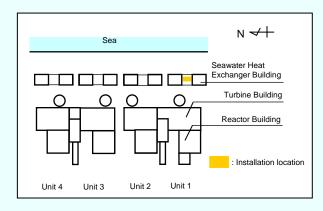




Trial operation
[Permanent installation completed on March 18, 2013]
(Photo taken on March 18, 2013)

Permanent installation of the electric motors of the reactor component cooling systems (A and B) in Unit 1 Seawater Heat Exchanger Building (March 8)

Since Unit 1 power panels (system A: P/C 1C-2, system B: P/C 1D-2) damaged by the Tsunami were permanently installed, the power supply to the electric motors of the reactor component cooling systems (A and B) was switched from temporary power supply to the permanent power panels on March 8. As the electric motors were confirmed to operate properly after switching the power supply, the permanent installation has been completed.





Switching to the permanent cable completed for the electric motor of the reactor component cooling system (A) [Permanent installation completed on March 8, 2013] (Photo taken on March 14, 2013)