

## Emergency Security Measures “Nighttime Training” Conducted on Dec. 7

At Fukushima Daini Nuclear Power Station, as part of security measures (reported on May 20 to the national government) in light of the tsunami disaster due to Tohoku-Chihou-Taiheiyou-Oki Earthquake, a training called “Emergency Security Measures” (140 participants) was conducted on May 13, and an “Actual Field Training” (79 participants) was held on October 13.

On December 7, we implemented a “Nighttime Field Training” (61 participants) to check the coordination and functions among each field work team. In this training, under non-lighting conditions, we checked if we manage with certainty to restore the cooling function of reactor facilities such as connecting of power cables and water injection hoses.

### Training outline

~ Assuming that a large scale earthquake occurred at night that causes loss of power source at all the Units, and in addition, a tsunami reached the plant which results in loss of all AC power and seawater cooling facilities, we checked we managed to conduct emergency security measures under non-lighting conditions. \* Time: 17:00-18:13 Participants: 61 (TEPCO & Contractors)

### Training to secure electricity with power source car ( Nighttime)



At the time of all AC power loss, to maintain functions of water injection and heat removal for the reactors, Spent Fuel Pools, we conducted a training by utilizing a power source car aimed at supplying sufficient power.

Deployment of a power source car for Unit 3 to confirm connection with power source cable  
<Equipment used>

One (1) power source car

Power source cable (Total length: 1,160m laid)

### Training to inject water into Reactors & Spent Fuel Pools ( Nighttime)



We used a fire engine to conduct a training to inject fresh/sea water into Reactors and SFPs.

Deployment of a fire engine to supply water for Unit 1, and a fire engine to inject seawater in the south of Unit 1 near the water intake to

Confirming the connection of hose to supply water for Unit 1 sourced from filtering or anti-seismic fire-proof water tanks.

<Equipment used>

Three (3) fire engines

Fire hose (Total length : 500m)

### Training to remove debris ( Nighttime)

A training to secure a route to move and deliver the concrete debris lettered due to tsunami utilizing heavy machinery

<Equipment used> One (1) wheel loader, One (1) back hoe