

Nuclear Disaster Training (Emergency Training) at Fukushima Daiichi Nuclear Power Station (Outline)

At Fukushima Daiichi Nuclear Power Station, FY 2012 nuclear disaster training (emergency training) was held on Saturday, February 23, 2013 in accordance with the Nuclear Operator Emergency Action Plan and the Technical Specification for Nuclear Reactor Facility. The training is held once a year for the purpose of confirming the proper function of the nuclear disaster prevention framework in the case of a nuclear disaster.

[Training assuming severe conditions]

When Units 1-4 at Fukushima Daiichi NPS are abolished and Units 5-6 are under cold shutdown,
- An earthquake of intensity upper 6 occurs in Hamadori region of Fukushima Prefecture and the external power supply is lost.
- Later on, a Tsunami accompanying the earthquake attacks the power station and the function of all equipment for supplying AC power, cooling the reactor facilities and cooling the spent fuel pool is lost.

[Training items]

- Fire fighting training
- Reactor water injection via a fire engine
- Debris removal training
- Training on starting the generator for monitoring posts
- Training on securing power supply for the monitoring in Units 5-6 Central Control Room

(Number of workers participated: Approx. 100)

Contents of the training

Fire fighting training

Training on fire fighting by the self-defense fire brigade assuming a fire triggered by an earthquake.



Self-defense fire brigade members arrived at the site



Fire fighting at the site (in front of the large equipment inspection building)

Debris removal training

Training on removing debris, etc. scattered on the road due to the Tsunami utilizing heavy machinery.



Heavy machinery heading to the site



Debris removal at the site (in front of the shallow draft quay)

Reactor water injection via a fire engine

Training on injecting water in the reactor via a fire engine.



Preparation for injection (in front of the Water Treatment Building)



Starting water injection (in front of the Water Treatment Building)

Training on starting generators for monitoring posts

Training on starting the generator for monitoring posts assuming a case where data acquisition fails due to the loss of external power supply.



Preparation before starting the generator



Starting the generator