

Structure and main contents of
“Nuclear Plant Operator’s Anti-Disaster Measures Operation Plan”
of Fukushima Daiichi Nuclear Power Plant,
Fukushima Daini Nuclear Power Plant
and Kashiwazaki-Kariwa Nuclear Power Plant

1. Structure

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- Section 3 Basic Concept of the Nuclear Plant Operator’s Anti-Disaster Measures Operation Plan
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2. Main contents (excerpt)

(1) Implementation of the Nuclear Disaster Prevention Measures (Chapter 2)

Classification of emergency scheme

In the case that a nuclear disaster is likely to occur or occurred, emergency stages shall be classified as follows based upon the situation of the disaster, in order to remove the cause of the accident, prevent the nuclear disaster from spreading, and to conduct other necessary activities quickly and smoothly.

First Stage of Emergency: When the occurrence of the specific event stipulated in Article 10 of the Act on Special Measures concerning Nuclear Emergency Preparedness is noticed

Second Stage of Emergency: When the nuclear emergency status stipulated in Article 15 of the Act on Special Measures concerning Nuclear Emergency Preparedness is issued (Nuclear Emergency Status).

Nuclear Disaster Prevention Organization

Nuclear Disaster Prevention Organization shall be set up in the power station and head office to prevent the occurrence and spread the nuclear disaster

Duties of supervisor and vice supervisor of nuclear disaster prevention

General Manager of the power plant shall take the supervisor of nuclear disaster prevention and manage the nuclear disaster prevention organization. Vice supervisor of Nuclear Disaster Prevention Organization shall support the supervisor of nuclear disaster prevention and act over its duty when the supervisor of nuclear disaster prevention is absent.

Notification scheme and communication scheme

When the supervisor of nuclear disaster prevention receives the notice of the occurrence of the specific event or finds it by oneself, the notification scheme shall be set up. Besides, the communication scheme shall be set up for report and

communication with the related organizations outside of the company and within the company after the notification.

Preparation of the Radiation Measurement Equipment and Nuclear Disaster Prevention Equipment

The supervisor of nuclear disaster prevention shall prepare and maintain the radiation measurement equipment (monitoring post) and prepare the nuclear disaster prevention equipment, document and so on.

Maintenance and Inspection of Facilities and Equipment used in the Nuclear Disaster Prevention Activities

The supervisor of nuclear disaster prevention shall prepare and check the emergency operation room, meteorological observation equipment, emergency measures information display system and so on.

Disaster Prevention Education and Training

The supervisor of nuclear disaster prevention shall conduct the disaster prevention education on the knowledge of nuclear disaster prevention organization, its activities and the radiation protection, and conduct the emergency practice (comprehensive training) and information training. Besides, the supervisor shall join the nuclear disaster prevention training conducted by the government or the local public agency.

Publicity Activities for the Residents in the Vicinity Areas in Normal Situation

The supervisor of nuclear disaster prevention shall attempt the activities for the residents in the vicinity areas to understand the radioactive material and the characteristics of radiation, in cooperation with the government and local public agency on a routine basis.

(2) Implementation of the Emergency Measures (Chapter 3)

Notification

When the supervisor of nuclear disaster prevention receives the notice of the occurrence of the specific event or finds it by oneself, it shall be sent to the related organizations simultaneously using facsimile, within 15 minutes as a target.

When this notification is done, it shall be publicized to the news media.

Measures When Emergency Stage is Issued

When the specific event is notified, the supervisor of nuclear

disaster prevention shall issue the emergency state and set up the emergency operation headquarter.

Collection and Provision of Information

Each section leader of the emergency operation headquarter of the power plant shall collect the information on the accident, damage situation and so on quickly and precisely, and report to the supervisor of nuclear disaster prevention. Besides, the information shall be collected periodically and communicated to related organizations outside of the company.

Urgent Treatment Measure

Each section leader of the emergency operation headquarter of the power station shall conduct the following urgent treatment measures.

- (a) Notification of evacuation of the personnel who do not engage in the nuclear disaster prevention activities and visitors in the site of the power station
- (b) Estimation of the radioactive affected area by measuring the radiation in the power station and around the site of the power station
- (c) Rescue and medical treatment for the injured and damaged or possible damaged personnel by radiation, health management for emergency measures staff, and so on
- (d) Grasp of the situation of fire and quick fire fighting
- (e) Setting off-limits to prevent unnecessary radiation exposure, taking spread prevention and removal measures in the case of unpredicted radiation contamination
- (f) Radiation valuation for evacuees and staffs conducting nuclear disaster prevention activities, and taking spread prevention and removal measures in the case that radiation contamination is confirmed
- (g) Establishment of press center in the company in the case of emergency stage, and public relation activities at the off site center
- (h) Grasp of the situation of the plant by monitoring the central control room and patrol inspection, and implementation of recovery measures based upon the temporary recovery plan
- (i) Grasp of the situation of the accident, and preparation and implementation of the necessary measures for accident spread prevention and estimating the damage spread
- (j) Procurement and transfer of the nuclear disaster prevention

equipment and other equipment required for nuclear disaster prevention activities

- (k) Dispatch of the staff in the case that the event related to the transfer to outside of the site, and implementation of nuclear disaster prevention measures in cooperation with the delegated personnel for the transfer
- (l) Dispatch of the nuclear disaster prevention staff in the case that it is notified that the preparation of off site center operation will be started, rent of nuclear disaster prevention equipment, and so on

Emergency Measure

- (a) Issue of the second stage of emergency

When nuclear emergency status occurs, the supervisor of the emergency operation headquarter of the power station shall report the matter to the related organizations outside of the company and issue the second stage of emergency

- (b) Communication and report to the integrated council on the measures against the nuclear disaster and so on

The supervisor of the emergency operation headquarter of the power station shall closely communicate with the nuclear disaster prevention staffs dispatched to the off site center, take actions to the requests from the integrated council on the measures against the nuclear disaster for the power station, and offer necessary opinions to the integrated council on the measures against the nuclear disaster

- (c) Measures against the accident in the transfer to outside of the site

The supervisor of the emergency operation headquarter of the power station and the supervisor of the emergency operation headquarter of the head office shall proactively prepare emergency measures according to the nuclear disaster in the nuclear facility, in cooperation with the delegated personnel for the transfer

(3) Nuclear Disaster Post-Measures (Chapter 4)

The supervisor of nuclear disaster prevention shall take nuclear disaster post-measures after the declaration of dissolution of nuclear emergency status, for the prevention of nuclear disaster spread or the recovery from the nuclear disaster

Recovery Measure

The supervisor of the emergency operation headquarter of the power station shall prepare and implement the recovery plan by grasping the damage situation of nuclear facility and the situation of contamination

Public Relation Activities

The supervisor of the emergency operation headquarter of the power station and the supervisor of the emergency operation headquarter of the head office shall conduct public relation activities such as providing the consultation service for the affected persons, information service for the news media and so on

Environment radiation monitoring, Check and removal of contamination

The supervisor of nuclear disaster prevention shall dispatch nuclear disaster prevention staff to the related organizations outside of the company, rent nuclear disaster prevention equipment and take necessary measures for environmental radiation monitoring, contamination check, contamination removal and so on

(4) Cooperation with Other Nuclear Plant Operator (Chapter 5)

In the case that the nuclear disaster occurs in the nuclear plant of other nuclear plant operator, the supervisor of nuclear disaster prevention shall conduct environmental radiation monitoring, contamination check and removal in the vicinity area, dispatch of nuclear disaster prevention staff, rent of nuclear disaster prevention equipment, and other necessary cooperation, in response to the request from the nuclear plant operator with the disaster.

End