

FARLEY NUCLEAR PLANT  
EMERGENCY PLAN IMPLEMENTING PROCEDURE  
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EMERGENCY DRILLS

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Approved:

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Plant Manager

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## EMERGENCY DRILLS

1.0 Purpose

This procedure provides instructions and describes responsibilities for conducting emergency plan drills and testing communications networks.

2.0 References

Joseph M. Farley Nuclear Plant Emergency Plan.

3.0 General

3.1 Announced preplanned drills simulating emergencies will be conducted to:

- 3.1.1 Determine the effectiveness of the FNP emergency organization in handling emergencies.
- 3.1.2 Evaluate communication and action support with offsite agencies.
- 3.1.3 Evaluate the interface with and response of the company emergency organization.
- 3.1.4 Test the adequacy of timing and contents of the EIP's.
- 3.1.5 Test the emergency equipment.
- 3.1.6 Keep affected personnel aware of their role in the plan.

3.2 As directed by the Plant Manager, the Chemistry and Health Physics Supervisor in conjunction with the Training Superintendent shall write an accident scenario for each drill and evaluate the drill response, initiating required changes to the Emergency Plan and EIP's. The scenarios for use in these drills will include the following elements:

- 3.2.1 The basic objective
- 3.2.2 The date, time, place(s) and participating organizations.
- 3.2.3 The simulated event
- 3.2.4 A time schedule of real and simulated events.

- 3.2.5 A narrative summary describing conduct of the drill.
  - 3.3 Each emergency alarm or announcement shall be considered valid unless an announcement is made to the contrary.
  - 3.4 Each individual at the Farley Nuclear Plant shall participate in emergency plan drills unless specifically exempted by the Plant Manager.
  - 3.5 The Plant Manager shall evaluate the plant operating status and ascertain that the drill will not adversely affect plant operations or equipment or the health and safety of the general public.
  - 3.6 Audit observers shall be stationed at various locations to observe each individuals' ability to perform his assigned emergency function.
  - 3.7 All drills shall be coordinated with the shift supervisor to the extent necessary to prevent an adverse effect on plant operations.
  - 3.8 Required drills listed in 4.3 may be conducted in the course of the same exercise.
- 4.0 Procedure
- 4.1 Testing of the Plant Emergency Alarm shall be as follows:
    - 4.1.1 Operations will be responsible for scheduling and performing the weekly sounding of the Plant Emergency Alarm.
    - 4.1.2 All alarm tests shall be preceded by announcing over the plant public address system that the alarm is to be sounded.
    - 4.1.3 All alarm tests shall be concluded when the completion of the test is announced over the plant public address system.
  - 4.2 Unannounced communications checks shall be conducted as follows:
    - 4.2.1 Communications checks will be performed monthly with all locations which are part of the Emergency Notification Network.

- 4.2.2 Communications checks and verification of phone numbers with all other organizations listed in EIP-8 will be performed quarterly.
- 4.3 One of the following Emergency Plan drills shall be conducted annually:

4.3.1 Annual Radiation Emergency Exercise

Announced exercises simulating radiation emergencies will be held at least annually. These scenarios will be varied from exercise to exercise such that all major elements of the plans and emergency organizations are exercised at least once every 5 years. These exercises will be preplanned and will involve the active participation of local, state and federal agencies.

One (1) exercise may be started between 6 P.M. and midnight and another between midnight and 6 A.M. once every six(6) years. One (1) exercise may be performed every six years which is unannounced, except as required for effective coordination with the management of the various agencies and for the evaluation of the health and safety of the general public.

4.3.2 Fire Drills

- a. Fire Drills will be conducted with fire brigade members as required by the plants technical specifications.
- b. Fire Drills will be conducted annually which will involve the Dothan Fire Department.

4.3.3 Medical Emergency Drills

A medical emergency drill will be conducted annually which will involve ambulance and offsite medical treatment facility participation.

4.3.4 Radiological Monitoring Drills

Radiological monitoring drills will be conducted annually which will include initiating onsite and offsite radiological monitoring of vegetation, soil, water, and air.

#### 4.3.5 Health Physics Drills

Health Physics drills will be conducted annually which will involve response to simulated elevated airborne and liquid samples and direct radiation measurements in the plant environment.

- 4.4 At the conclusion of the drill the Emergency Director shall announce that the drill has been terminated.
- 4.5 Appropriate local, state, and federal agencies will be advised of major drills in advance to allow their observation or participation. All observing or participating agencies will be requested to provide comments on drill evaluation and it will be the responsibility of the Plant Manager to implement corrective action as appropriate.