

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE UNIT #1
E-PLAN IMPLEMENTING PROCEDURE 3100025E
REVISION 6

1.0 Title:

FIRE EMERGENCIES

2.0 Approval:

Reviewed by Facility Review Group _____ July 25, 1975

Approved by K. N. Harris Plant Manager _____ July 29, 1975

Revision 6 Reviewed by F R G _____ April 15, 1981

Approved by [Signature] Plant Manager _____ April 22, 1981

3.0 Scope:

3.1 Purpose

This procedure provides instructions to control and extinguish fires, minimize damage and prevent personal injuries.

3.2 Discussion

3.2.1 Any uncontrolled fire is considered a Fire Emergency. In order to control and extinguish a fire, a fire fighting organization has been established.

3.2.2 The Fire Team is composed of members of the Operating group assigned to the St. Lucie Plant. The members of the Fire Teams are qualified in fire fighting.

3.2.3 For a list of the locations of fire fighting equipment, refer to the Mechanical Maintenance preventive maintenance program as delineated in Admin. Procedure No. 0010431 "Preventive Maintenance Program".

3.2.4 The emergency classification system includes certain fire related events. Thus, fires may be classified as Unusual Events, Alerts, or Site Area Emergencies.

3.3 Authority

This procedure implements the St. Lucie Plant Emergency Plan and Fire Protection Plan.

4.0 Precautions:

4.1 Class "C" fire extinguishers (CO₂ or Dry Chemical) or fog type fire hose nozzles shall be used on combustible liquid fires, electrical fires or on fires which might involve energized conductors and/or equipment.



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4.0 Precautions (continued)

- 4.2 Foam type fire extinguishing materials shall not be used on electrical fires.
- 4.3 When fighting fires in the Radiation Controlled Area that may involve radioactive materials, the members of the Fire Team shall use additional protective equipment specified by the Radiation Team Leader and shall follow any instructions he issues regarding precautions to observe while fighting the fire.

5.0 Responsibilities:

- 5.1 The Nuclear Watch Engineer is the Fire Team Leader. If he is not available, the Nuclear Turbine Operator acts as his alternate..

It shall be the responsibility of the Fire Team Leader to:

- 5.1.1 Direct all phases of the fire fighting activities.
- 5.1.2 Coordinate the activities of any outside fire fighting organization called in to assist with the emergency.
- 5.2 It shall be the responsibility of each Fire Team member to be thoroughly familiar with the contents of this procedure and the location of fire fighting equipment in the plant.
- 5.3 All personnel shall be familiar with the location of, and be familiar with operation of fire equipment in their designated work stations.
- 5.4 On the basis of observations, the Nuclear Plant Supervisor is responsible for classification of the emergency. He is also responsible for making notifications and taking other actions appropriate to the emergency class.

6.0 References:

- 6.1 St. Lucie Plant Emergency Plan.
- 6.2 E-Plan Implementing Procedure EP3100023E, On-Site Emergency Organization/and Roster.
- 6.3 St. Lucie Plant Administrative Procedure No. 1800022 Fire Protection Plan".
- 6.4 St. Lucie Plant Administrative Procedure No. 0010431 "Preventive Maintenance Program".

7.0 Records:

Any actions taken shall be recorded in the Nuclear Plant Supervisor's Log Book.



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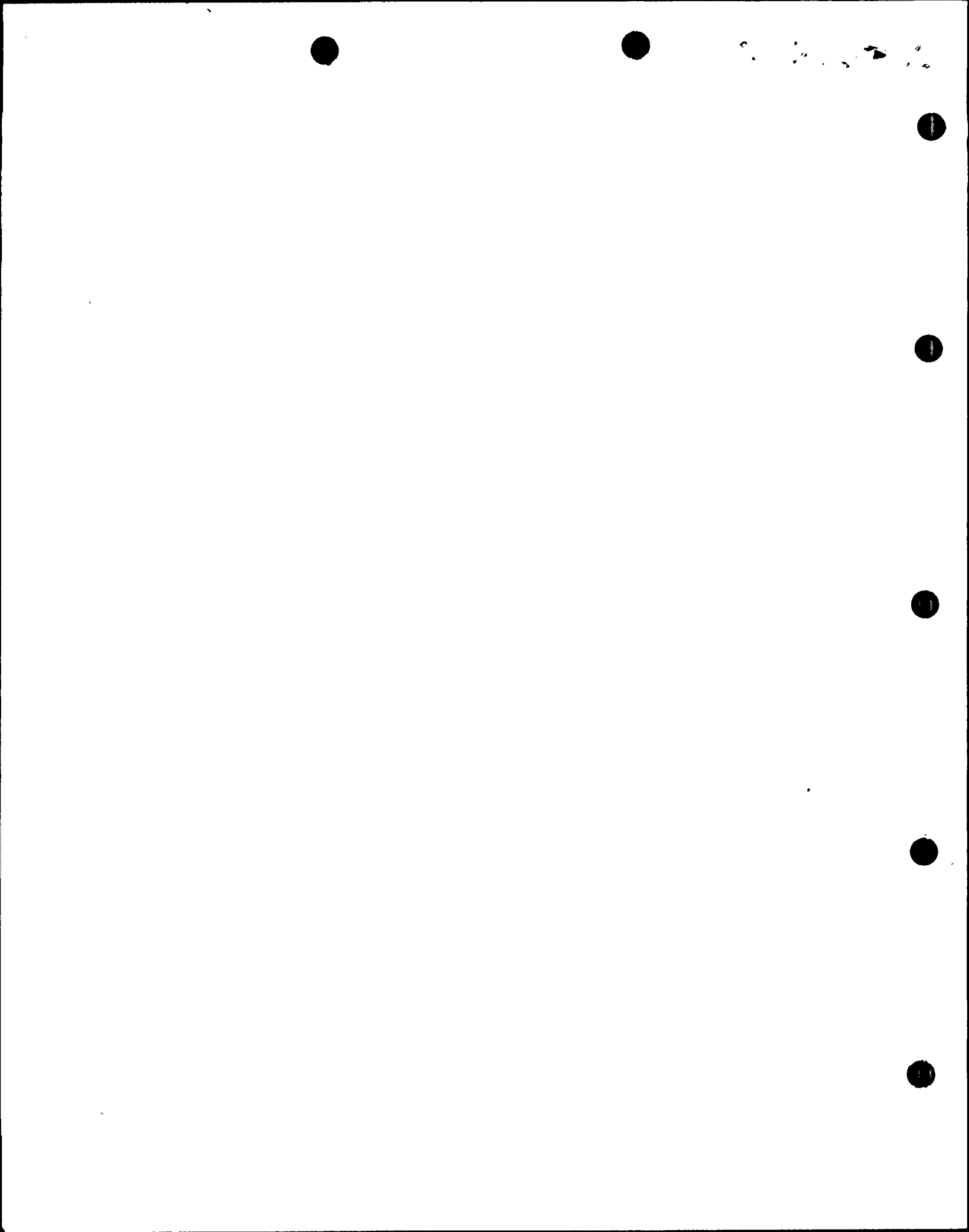


E-PLAN IMPLEMENTING PROCEDURE 3100025E
FIRE EMERGENCIES REVISION 68.0 Instructions:

- 8.1 When an individual discovers a fire which can be safely extinguished using fire fighting equipment at hand, he shall do so and then promptly notify the Nuclear Plant Supervisor.
- 8.2 When an individual discovers a fire or explosion resulting in a fire which cannot be extinguished using fire fighting equipment at hand, he shall notify the Nuclear Plant Supervisor over the PA system or the control room by dialing 333 on any PAX telephone. The following information shall be given:
- 8.2.1 Location of the fire.
 - 8.2.2 Type of fire, if known.
 - 8.2.3 Whether or not there are any injured personnel.
 - 8.2.4 Extent of damage to plant components.

NOTE: Speed in notification is much more important than the completeness of the initial report.

- 8.3 The Nuclear Plant Supervisor shall instruct the individual to take any immediate action he is qualified to perform to extinguish the fire.
- 8.4 The Nuclear Plant Supervisor shall cross-connect the PA system, declare a Fire Emergency, announce the location of the fire, and sound the fire alarm. If sufficient information is available, he shall classify the emergency and implement the Emergency Plan.
- (1) The Nuclear Watch Engineer will direct, by use of the page system, which members will meet him at the fire site, and which members will go to the fire house.
 - (2) If the fire is found to be in the Radiation Controlled Area, the Radiation Team shall be activated by the Emergency Coordinator (Nuclear Plant Supervisor).
 - (3) If the fire or explosion is in the Radiation Controlled Area, they shall wear appropriate protective clothing and respiratory equipment and personnel monitoring devices, attempt to stay upwind of the fire, and coordinate their actions with the Radiation Team.
 - (4) Other plant personnel except the operators on watch shall report to the maintenance shop and be ready to assist in the fire or explosion fighting operations when called upon.



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8.4 (continued)

- (5) During normal working hours additional personnel are available from the maintenance department to support fire fighting efforts until outside assistance is obtained.
- (6) The Emergency Coordinator (Nuclear Plant Supervisor) shall designate additional available on-site personnel to assist in extinguishing the fire, as required by the situation.

8.4.1 Requesting Outside Fire Assistance:

- (1) If the fire is too large to be controlled by available plant forces, the St. Lucie County-Ft. Pierce Fire District shall be called by the Emergency Coordinator.
- (2) The main guard station shall be notified of the location of the fire and the expected arrival of the off-site fire fighting equipment.
- (3) Working communications shall be established between the Emergency Coordinator, the person in charge of the off-site fire fighting organization, the Radiation Team Leader, if the fire is in the Radiation Controlled Area, and the Fire Team Leader.

St. Lucie County-Ft. Pierce	461-1547
OR	464-1122
St. Lucie County Emergency Center	911

- (4) In the case of an uncontrolled fire, not involving a safety system, but requiring off-site support, the Nuclear Plant Supervisor shall declare an UNUSUAL EVENT.
- (5) In the case of an uncontrolled fire, potentially affecting safety systems and requiring off-site support, the Nuclear Plant Supervisor shall declare an ALERT.
- (6) In the case of a fire resulting in degradation of safety systems, the Nuclear Plant Supervisor shall declare a SITE AREA EMERGENCY.

NOTE: See E-Plan Implementing Procedure 3100023E, Emergency Roster, for specific information regarding means of communication and telephone numbers.

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