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Revision 3

FARLEY NUCLEAR PLANT

EMERGENCY PLAN IMPLEMENTING PROCEDURE

FNP-0-EIP-19

SAFETY RELATED

GENERAL EMERGENCY

PERSONAL PRIVACY INFORMATION
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GENERAL EMERGENCY

1.0 Purpose

This procedure defines the criteria for classifying an emergency as a General Emergency, delineates personnel and organizations who may be notified and lists actions which may be taken to mitigate the effects of the emergency.

2.0 References

2.1 Joseph M. Farley Nuclear Plant Emergency Plan.

2.2 FNP-0-EIP-8, Notification Roster.

2.3 FNP-0-EIP-9, Radiation Exposure Estimation and Classification of Emergencies.

2.4 FNP-0-EIP-10, Evacuation and Personnel Accountability.

2.5 FNP-0-EIP-14, Re-entry Procedures.

2.6 FNP-0-EIP-26, Offsite Notification

3.0 General

3.1 Description

The classification of General Emergency applies to those events which are in progress or have occurred which involve actual or imminent substantial core degradation or melting with potential loss of containment integrity. The potential for release of radioactive material for the General Emergency classification is more than 1000 Ci of I-131 equivalent or more than 10^6 Ci of Xe-133 equivalent.

The purpose of the declaration of a General Emergency is to:

(a) Initiate predetermined protective actions for the public.

(b) Provide continuous assessment of information from licensee and offsite measurement.

(c) Initiate additional measures as indicated by event releases or potential releases and,

(d) Provide current information for and consultation with offsite authorities and the public.

3.2 Criteria

3.2.1 Sampling indicates a projected lower limit of offsite individual exposure rate to be:

5 Rem - Whole Body OR

10 Rem - Thyroid

under actual meteorological conditions.

3.2.2 Loss of two of three fission product barriers with a potential loss of the third. The following describe indication of loss of these boundaries:

3.2.2.1 Fuel cladding damage indicated by RCS activity or loss of core geometry is indicated by ΔT between RCS wide range hot leg and cold leg temperature $>64^0F$ and core exit temperature (incore thermocouples) reading greater than 1200^0F.

3.2.2.2 Loss of primary coolant boundary is indicated by:

(a) Containment pressure reaching 27 psig AND

(b) High containment radiation (R-2, R-22 and R-12, reaching their alarm setpoint) AND,

(c) High containment sump (recirculation) level AND,

(d) High containment humidity.

3.2.2.3 Loss or potential loss of containment integrity is indicated by:

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(a) Containment pressure greater than 54 psig, OR

(b) A rapid decrease in containment pressure, or

(c) Failure of the containment isolation system resulting in a direct path from containment to the environment.

3.2.3 Loss of physical control of the facility.

3.3 Notifications which could be required in the event of a General Emergency are listed in EIP-26 (Figure 1). Telephone numbers are listed in EIP-8.

4.0 Procedure

4.1 The Shift Supervisor shall:

4.1.1 Sound the Plant Emergency Alarm and announce the condition and give evacuation instructions, if necessary, over the plant public address system.

4.1.2 Implement notifications in EIP-26.

4.1.3 The Shift Supervisor shall perform the duties of the Emergency Director until his arrival and assumption of duties.

4.2 The Emergency Director shall perform the following:

4.2.1 Upon receiving notification of an emergency, provide instructions for the Administrative Aide to notify the Emergency Coordinator and implement those portions of the plant call list for the Emergency Organization as directed by the Emergency Director, to include the Technical Support Center, Operations Support Centers, and Emergency Operations Facility.

4.2.2 Ensure personnel accountability (EIP-10).

4.2.3 Plan and initiate re-entries per EIP-14.

4.2.4 Dispatch Radiation Monitoring Teams. If additional support is required refer to EIP-8.

4.2.5 Provide periodic meteorological and dose estimates and release projections based on plant conditions and foreseeable contingencies to offsite authorities.

4.2.6 Provide information to the Recovery Manager with respect to information to be released to the press and recovery planning.

4.2.7 In conjunction with the Recovery Manager provide for dispatching personnel to principal government agencies, as necessary.

4.2.8 Close out or recommend reduction of emergency class by briefing of off-site authorities by phone followed by written report as required by technical specifications.

GENERAL EMERGENCY CHECKLIST

		Initials
I.	Shift Supervisor	
	A. Sound PEA, announce condition and give evacuation instructions, if necessary.	_____
	B. Implement EIP-26	_____
II.	Emergency Director	
	A. Provide instructions for the Administrative Aide to notify TSC staff, and Emergency Coordinator	_____
	B. Initiate environmental sampling	_____
	C. Ensure personnel accountability (EIP-10).	_____
	D. Plan and initiate re-entries (EIP-14).	_____
	E. Provide met. and dose estimates to off-site authorities.	_____
	F. Coordinate with Recovery Manager on press releases and recovery planning.	_____
	G. Provide for dispatching of company representative to off-site agencies.	_____
	H. Close out or reduce classification of emergency.	_____

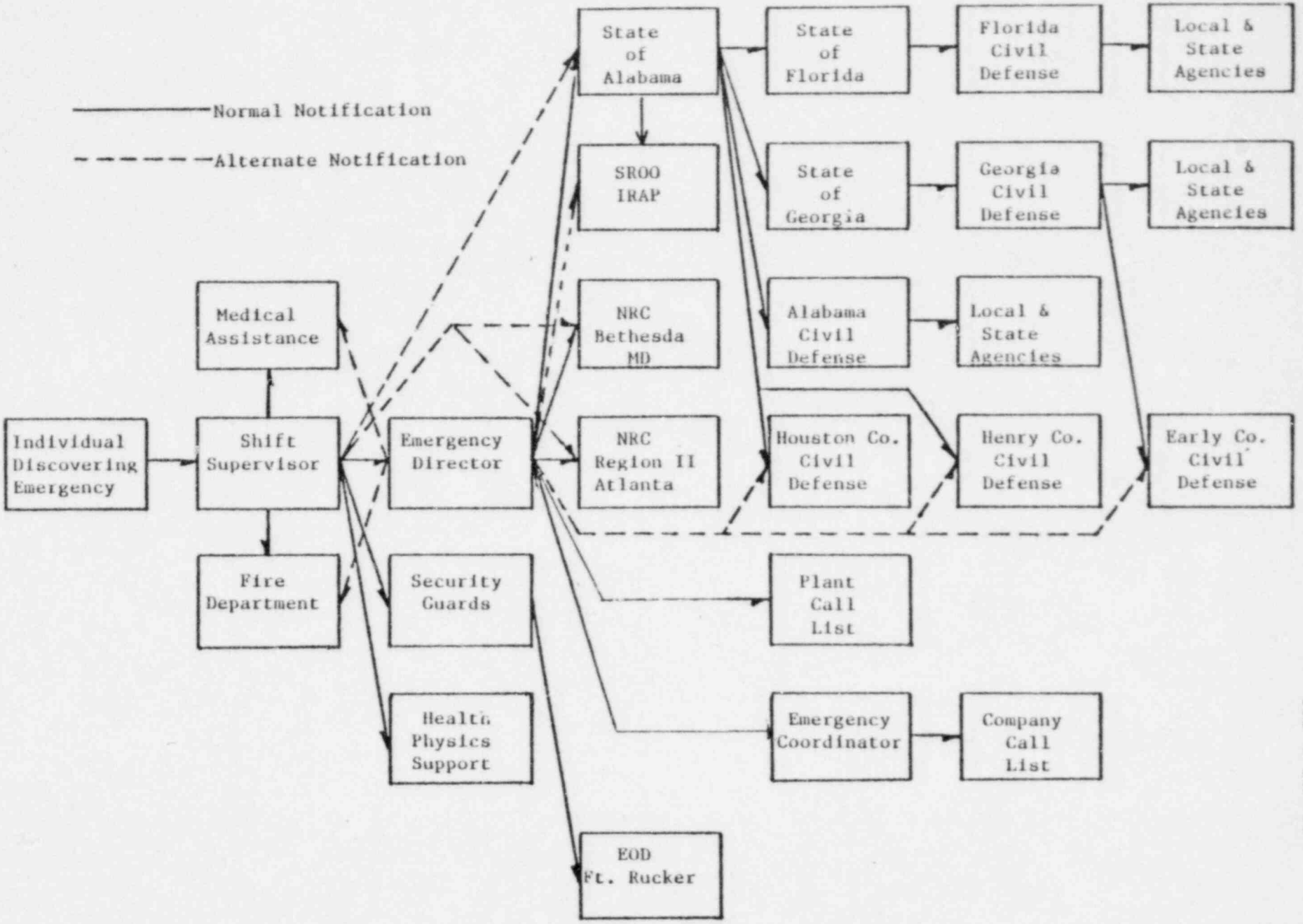

FIGURE 1

Notification Order - General Emergency

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