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Effective Date 6-14-00

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EM-216

FLORIDA POWER CORPORATION

CRYSTAL RIVER UNIT 3

DUTIES OF THE FIRE BRIGADE

APPROVED BY: Procedure Owner
J. L. Russell for
G. J. Traczyk
(SIGNATURE ON FILE)

DATE: 6-14-00

PROCEDURE OWNER: Sr. Nuclear Fire
Protection Specialist

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1.0 PURPOSE

1.1 The purpose of this procedure is to provide the Fire Brigade with response instructions in the event of fire both inside and outside the Protected Area. [NOCS 04569]

2.0 REFERENCES

| 2.1 DEVELOPMENTAL REFERENCES

| 2.1.1 CR-3 Fire Protection Plan

| 2.1.2 AI-2205, Administration of CR-3 Fire Brigade Organization

| 2.1.3 TDP-307 Nuclear Emergency Team Training Program

| 2.1.4 Radiological Emergency Response Plan

| 2.1.5 EM-205, Emergency Assembly, Evacuation, and Accountability of Personnel Within the Protected Area

| 2.1.6 FPC Fire Emergency Plan - Crystal River Energy Complex

3.0 PERSONNEL INDOCTRINATION

3.1 DEFINITIONS

The terms that must be familiar to the user in order to fully implement this procedure are as follows:

3.1.1 Class "A" Fires

Class "A" fires are fires in ordinary combustible materials such as wood, cloth, paper, and many plastics.

3.1.2 Class "B" Fires

Class "B" fires are fires in flammable or combustible liquids, gases, and greases.

3.1.3 Class "C" Fires

Class "C" fires are fires which involve energized electrical equipment where the electrical non-conductivity of the extinguishing media is of importance. (Fires in de-energized electrical equipment will be a Class A, or Class B fire and may be extinguished as such.)

3.1.4 Class "D" Fires

Class "D" fires involve combustible metals such as magnesium, titanium, zirconium, sodium, and potassium.

3.1.5 Declared Emergency

The Radiological Emergency Response Plan has been entered and an Unusual Event, Alert, Site Area Emergency, or General Emergency has been declared.

3.1.6 Fire Team Leader

An individual who is qualified per AI-2205, "Administration of CR-3 Fire Brigade Organization."

3.1.7 Fire Brigade

Composed of all CR-3 plant personnel who are qualified as fire brigade members by completing initial fire brigade training in accordance with TDP-307, "Nuclear Emergency Team Training Program," and subsequent requalification.

3.1.8 Shift Fire Brigade Team

A designated team of 5 members, selected from the Fire Brigade roster, composed each operating shift and who are assigned as the primary responder to a fire emergency during that shift.

3.1.9 Senior Officer/Task Force Commander

The individual responsible for directing the activities of fire brigades mustered from the several site facilities to fight a fire. The term is used primarily by the FPC Fire Emergency Plan - Crystal River Energy Complex.

3.2 RESPONSIBILITIES [NOCS 04618,04752]

3.2.1 The Fire Team Leader is responsible for:

- o Directing fire fighting operations.
- o Coordinating fire response with the Emergency Coordinator (EC), if there is a declared emergency.
- o Ensuring the Fire Brigade meets the requirements of EM-104, Operation of the Operational Center, including following the instructions included on the Emergency RWP/Emergency Team Authorization.
- o Ensuring the Emergency Medical Technician (EMT) responds with the Emergency Medical Response Kit to the scene.

3.2.2 The Fire Team Leader has the authority to regulate access into the fire area, consistent with the orders from the Nuclear Shift Manager (NSM)/Emergency Coordinator and duties of other Emergency Team support. [NOCS 06230]

3.2.3 The Fire Brigade members are responsible for fighting fires within the confines of Crystal River Unit 3 and performing functions as assigned during emergencies.

3.3 LIMITS AND PRECAUTIONS

3.3.1 Fire Brigade members who are on duty and selected for the Shift Fire Brigade Team will not have duties that would conflict with the members ability to respond to a fire emergency. [NOCS 04619]

3.3.2 In the event of a site evacuation, the dedicated Shift Fire Brigade Team members will report to the Control Room Break Area with fire fighting turn-out gear, Self Contained Breathing Apparatus (SCBA) and portable radios.

3.3.3 Fire Brigade members, other than the dedicated Shift Fire Brigade Team, who have evacuated the protected area should report to Conference Room # 1 on the first floor of the Site Administration Building unless otherwise directed by the Fire Team Leader, NSM/Emergency Coordinator, or designee.

3.3.4 Water on fires in the vicinity of energized high voltage electrical equipment constitutes a life hazard to personnel due to the electrical conductivity of water. Water hoses should be operated with a fog nozzle from a distance of more than 10 ft. from any energized electrical equipment.

3.3.5 The Fire Team Leader has the authority to make the final determination to use water in combating fires involving energized high voltage electrical equipment.

- 3.3.6 Portable, multi-purpose, ABC rated, dry chemical fire extinguishers may be used on the following classes of fires: Class A, B, and C.
- 3.3.7 Portable carbon dioxide fire extinguisher may be used on the following classes of fires: Class B and C.
- 3.3.8 Portable Halon 1211 fire extinguishers may be used on the following classes of fires: Class A, B, and C.

4.0 INSTRUCTIONS [NOCS 04752, 040320]

4.1 RESPONSE TO FIRES INSIDE CR-3 PROTECTED AREA

Upon sounding of a fire alarm and/or verbal notification of the fire location:

4.1.1 The Fire Team Leader:

- o Will respond directly to the fire scene
- o Will respond with a portable radio
- o Will ensure a Trauma Kit is brought to the fire scene
- o May dress out in turn-out gear before responding
OR
Use the turn-out gear on the cart, based on the information related to the fire event.

4.1.2 IF the TSC has been activated,
THEN the Shift Fire Brigade Team response must be coordinated through the OSC Manager in accordance with EM-104.

NOTE: Two complete sets of turn-out gear are located on the fire cart for use by the Fire Team Leader and the fire cart driver.

4.1.3 The Shift Fire Brigade Team member assigned to drive the fire cart will respond with the fire cart to the fire. The fire cart will be positioned at a safe location in the vicinity of the fire where it will not interfere with fire-fighting activities.
[NOCS 01822, 04791]

NOTE: Four (4) portable radios, dedicated for Fire Brigade use, may be kept by Shift Fire Brigade Team members on their person during their shift.

4.1.4 The Shift Fire Brigade Team will: [NOCS 01710]

- o Dress as quickly as possible in full turn-out gear, SCBA and portable radio

AND

- o Report to the Fire Team Leader at the location designated over the PA, ready to start rescue and fire-fighting operations

4.1.5 The Fire Team Leader ensures Security is controlling access into the fire area and he may commandeer non-essential FPC personnel to perform non-hazardous fire protection activities.

4.1.6 CR-3 Pre-Fire Plan Manuals are located in the Control Room and on each fire cart to provide information and guidance to the Nuclear Fire Team Leader in determining fire-fighting strategies. [NOCS 04530, 04753]

4.1.7 The Fire Team Leader assigns Shift Fire Brigade Team members to specific duties as the situation requires (i.e.): [NOCS 04617]

- ___ Hose advance personnel
- ___ Nozzle personnel
- ___ Communications
- ___ Search and Rescue
- ___ Salvage and Overhaul

4.1.8 The operator(s) in the Control Room monitor emergency messages from Plant Line 1, plant radio channel 11, and PAX 311.

4.1.9 The Fire Team Leader Informs the NSM/Emergency Coordinator of progress in mitigating the fire emergency. [NOCS 04792]

4.1.10 In the event of a fire in a radiation area, the protection of life and property from fire may be more consequential to personnel than the radiological hazard itself. Only when it has been determined or suspected that the fire is in an unusually high radiation area or very high airborne radioactivity area should the radiological effort be permitted to interfere with extinguishing the fire.

4.2 RESPONSE TO FIRES OUTSIDE CR-3 PROTECTED AREA

NOTE: In accord with the FPC Fire Protection Plan - Crystal River Energy Complex, a mutual aid agreement exists that allows fire brigades from the nuclear and coal plant facilities to request assistance from each other, if necessary.

4.2.1 The Fire Team Leader and Shift Fire Brigade Team members do not respond to fire events outside of the CR-3 protected area.

4.2.2 At the discretion of the NSM, Fire Brigade members who are not assigned to the Shift Fire Brigade Team may respond to fire scenes outside of the protected area, when requested by the Task Force Commander.

4.2.3 Fire Brigade members responding to assist fire brigades from other facilities:

- o DRESS as quickly as possible in full fire fighting turn-out gear including Self Contained Breathing Apparatus (SCBA) and portable radio

AND

- o REPORT to the Task Force Commander at the location designated over the PA, ready to start rescue and fire-fighting operations

4.2.4 The Nuclear Plant Security Force will permit the Fire Brigade to respond to the fire through the vehicle gate.

NOTE: Portable fire-fighting equipment is generally available outside the protected area. Therefore, the fire cart or any other equipment will not be taken outside of the protected area unless released by the NSM.

4.2.5 A Fire Brigade member designated by the NSS/NSM will provide a progress report to the NSM/Emergency Coordinator, indicating if the Fire Brigade will have to be committed to fire suppression activities, and advising if additional backup assistance will be required.

4.2.6 IF a fire emergency is in progress within the protected area, THEN Fire Brigade members will not respond to a fire outside the protected area unless directed by the NSM/Emergency Coordinator.

4.2.7 IF Fire Brigade members have responded to a fire outside the protected area and a fire within the protected area occurs, THEN those members will continue to support the Senior Officer/Task Force Commander. The CR-3 NSM/Emergency Coordinator will evaluate manpower resources and, if necessary, recall off-duty personnel in accordance with EM-206, Emergency Plan Roster and Notification.

4.3 **REPORTS**

4.3.1 A Precursor Card describing the fire shall be initiated per CP-111, Processing of Precursor Cards for Corrective Action Program.

4.3.2 A copy of the precursor card will be used by the Senior Nuclear Fire Protection specialist, to generate a system fire report, FPC Form 908 110(s), System Fire Report and review the fire incident for corrective actions.

PROCEDURE DEVELOPMENT AND REVISION RECORD

Procedure: EM0216

New Rev: 23

PRR#: 18765

Title: DUTIES OF THE FIRE BRIGADE

MINOR CHANGES

If Minor Changes are included, check the applicable box(es) and provide a list of affected steps.
The following corrections are incorporated throughout:

- | | |
|--|---|
| <input type="checkbox"/> Sentence Structure | <input type="checkbox"/> Redundant words or phrases |
| <input type="checkbox"/> Punctuation | <input type="checkbox"/> Abbreviations |
| <input type="checkbox"/> Capitalization | <input type="checkbox"/> Obviously incorrect units of measure |
| <input checked="" type="checkbox"/> Spelling | <input type="checkbox"/> Inadvertently omitted symbols (#, %, etc.) |
| <input checked="" type="checkbox"/> Organizational Changes: position titles,
department names, or telephone numbers | <input type="checkbox"/> Obvious step numbering discrepancies |
| | <input checked="" type="checkbox"/> Format |

The following corrections are incorporated in the step(s) indicated: "Throughout" is used in lieu of Step# if a specific change affects a large number of steps.

Correcting equipment nomenclature that does not agree with field labels or balance of procedure

Changing information that is obviously incorrect and referenced correctly elsewhere

Misplaced decimals that are neither setpoint values nor tolerances

Reference to a procedure when an approved procedure has taken the place of another procedure

Fixing branching points when it is clear the branching steps were originally intended but were overlooked or incorrectly stated due to step number changes

Adding clarifying information such as NOTES and CAUTIONS

Step 4.1.4

Adding words to clarify steps, NOTES, or CAUTIONS which clearly do not change the methodology or intent of the steps

PROCEDURE DEVELOPMENT AND REVISION RECORD

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NON-INTENT CHANGES

Changes are incorporated for the reasons provided. "Throughout" is used in lieu of Step # if a specific change affects a large number of steps. For new or cancelled procedures the reason is provided.

Title page and Table of Contents

Changed to reflect AI-402B format

Step 2.1

Removed Implementing References and renumbered sections. AI-402B

Step 3.3.3

Added new muster point for non dedicated fire brigade members. NUPOST
