

To : NRC NRC
Facility : CR3 Department :
Address : CR3-01242 / MAIL CODE: N/A
 DC DESK

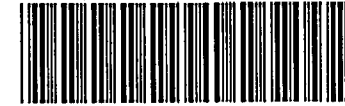
From : CR3DOCSVCS Attention: DOCUMENT SERVICES - SA2A
Address : FLORIDA POWER CORPORATION
 CRYSTAL RIVER COMPLEX
 15760 WEST POWERLINE STREET
City : CRYSTAL RIVER State:FL Postal Code: 34428-6708
Country : UNITED STATES
Email :
Contact :

Date/Time : 10/30/02 12:11 Transmittal Group Id:0000006033
Trans No. : 000086072 **Title**:
Total Items: 00001

PASSPORT DOCUMENT

TRANSMITTAL

Page: 1



Item	Facility	Type	Sub	Document Number	Sheet	Doc Status	Revision	Doc Date	Copy #	Media	Copies
0001	CR3	POM	EMG	EM0216		ACTIVE	024			H	01

If a document was not received or is no longer required check the response below and return to sender.

☐
☐

Documents noted above not received (identify those not received).

I no longer require distribution of these documents (identify those no longer required).

Date: _____ Signature: _____

1045

FLORIDA POWER
CRYSTAL RIVER UNIT 3
PLANT OPERATING MANUAL

EMERGENCY PLAN IMPLEMENTING PROCEDURE

EM-216

DUTIES OF THE FIRE BRIGADE

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
1.0 PURPOSE.....	3
2.0 REFERENCES.....	3
2.1 DEVELOPMENTAL REFERENCES.....	3
3.0 PERSONNEL INDOCTRINATION	3
3.1 DEFINITIONS.....	3
3.2 RESPONSIBILITIES.....	4
3.3 LIMITS AND PRECAUTIONS	4
4.0 INSTRUCTIONS [NOCS 04752, 4760]	5
4.1 RESPONSE TO FIRES INSIDE CR-3 PROTECTED AREA	5
4.2 RESPONSE TO FIRES OUTSIDE CR-3 PROTECTED AREA	7
4.3 REPORTS.....	8

1.0 PURPOSE

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 AI-2205, Administration of the CR-3 Fire Brigade Organization and Duties of the Fire Brigade
- 2.1.2 CAP-NGGC-0200, Corrective Action Program
- 2.1.3 CR-3 Fire Protection Plan
- 2.1.4 EM-103, Operation and Staffing of The CR-3 Control Room During Emergency Classifications
- 2.1.5 FPC Fire Emergency Plan - Crystal River Energy Complex
- 2.1.6 Radiological Emergency Response Plan
- 2.1.7 TPP-219, Nuclear Emergency Team Training Program

3.0 PERSONNEL INDOCTRINATION

3.1 Definitions

- 3.1.1 Declared Emergency - The Radiological Emergency Response Plan has been entered and an Unusual Event, Alert, Site Area Emergency, or General Emergency has been declared.
- 3.1.2 Fire Team Leader - An individual who is qualified per AI-2205, "Administration of CR-3 Fire Brigade Organization and Duties of The Fire Brigade."
- 3.1.3 Fire Brigade – An organized group of employees within an industrial occupancy who are knowledgeable, trained, and skilled in at least basic fire fighting operations, and whose full-time occupation might or might not be the provision of fire suppression and related activities for their employer.
- 3.1.4 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.
- 3.1.5 Incident Commander - The individual responsible for directing the activities of fire brigades mustered from the several site facilities to fight a fire. The incident commander is the first responding qualified person who assumes command of the fire scene that will regulate and maintain all fire fighting activities until he is relieved by a more qualified Fire Team Leader or ERC. The term is used primarily by the FPC Fire Emergency Plan - Crystal River Energy Complex.
- 3.1.6 Emergency Response Coordinator (ERC) – A position defined in the FPC Fire Emergency Plan - Crystal River Energy Complex. This individual is qualified in fire command techniques and strategies. The coordinators have the skills necessary for fire fighting strategy and tactics, fire

suppression and prevention techniques, leadership principles, pre-fire planning, and safety practices. The ERC is an Incident Commander during a fire emergency.

3.2 Responsibilities [NOCS 04618, 04752]

3.2.1 The Fire Team Leader is responsible for:

- Directing fire fighting operations.
- Coordinating fire response with the Superintendent, Shift Operations (SSO) or Emergency Coordinator to ensure the Fire Brigade members take appropriate protective actions prior to entering an evacuated area during a declared emergency.

3.2.2 The Fire Team Leader has the authority to regulate access into the fire area, consistent with the orders from the SSO/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 member's 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, SSO/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.

4.0 INSTRUCTIONS [NOCS 04752, 4760]

4.1 Response To Fires Inside CR-3 Protected Area

NOTE

The Shift Fire Brigade Team response continues to be coordinated through the on-duty SRO in accordance with EM-103 during emergencies, independent of TSC activation.

4.1.1 WHEN a fire alarm sounds
AND/OR verbal notification of the fire location is given,
THEN the Fire Team Leader must:

- RESPOND directly to the fire scene
- RESPOND with a portable radio
- ENSURE a Trauma Kit is brought to the fire scene
- DRESS-OUT in full turn out gear if required by fire ground operations

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.

4.1.2 The Shift Fire Brigade Team member assigned to drive the fire cart RESPONDS with the fire cart to the fire. The fire cart is 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, must be kept by Shift Fire Brigade Team members on their person during their shift.

CAUTION

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.

4.1.3 The Shift Fire Brigade Team must: [NOCS 01710]

- DRESS as quickly as possible in full turn-out gear, SCBA and portable radio
- AND
- REPORT to the Fire Team Leader at the location designated over the PA, ready to start rescue and fire-fighting operations

4.1.4 The Fire Team Leader ENSURES Security controls access into the fire area and MAY commandeer non-essential personnel to perform non-hazardous fire protection activities.

NOTE

The CR-3 Pre-Fire Plans (Procedure Numbers AI-2205A through F) 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]

4.1.5 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

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

- 4.1.7 The Fire Team Leader INFORMS the SSO/Emergency Coordinator of progress in mitigating the fire emergency. [NOCS 04792]

4.2 Response To Fires Outside CR-3 Protected Area

NOTE

In accord with the Florida Power 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 SSO, Fire Brigade members who are NOT assigned to the Shift Fire Brigade Team RESPOND to fire scenes outside of the protected area, when requested by the Incident Commander.
- 4.2.3 IF Fire Brigade members RESPOND to assist fire brigades from other facilities, THEN DRESS as quickly as possible in full fire fighting turn-out gear including Self Contained Breathing Apparatus (SCBA) and portable radio AND REPORT to the Incident Commander at the location designated over the PA, ready to start rescue and fire-fighting operations.
- 4.2.4 Site Security PERMITS 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 is NOT taken outside of the protected area unless released by the SSO.

- 4.2.5 A Fire Brigade member designated by the Control Room Supervisor (CRS)/SSO PROVIDES a progress report to the SSO/Emergency Coordinator, indicating if the Fire Brigade is committed to fire suppression activities, and advising if additional backup assistance is required.
- 4.2.6 IF a fire emergency is in progress within the protected area, THEN Fire Brigade members DO NOT RESPOND to a fire outside the protected area unless directed by the SSO/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 CONTINUE to support the Incident Commander. The CR -3 SSO/Emergency Coordinator evaluates manpower resources and, if necessary, NOTIFIES off-duty Fire Brigade personnel.

4.3 Reports

- 4.3.1 A Non-Conforming Report (NCR) describing the fire shall be initiated per CAP-NGGC-0200, Corrective Action Program
- 4.3.2 A copy of the NCR is used by the Fire Protection Staff, to generate a system fire report, Florida Power Form 908 110(s), System Fire Report and review the fire incident for corrective actions.

EM-216, Rev. 24

SECTION	REASONS AND REFERENCES
Throughout	Reformat to be in compliance with PRO-NGGC-0204. Change titles as necessary; place NOTES and Cautions in proper boxes. Changed to present tense.
2.1	Changed TDP-307 to TPP-219; Corrected Title for AI-2205; Added the following references: EM-103, Operation and Staffing of The CR-3 Control Room During Emergency Classifications, and CAP-NGGC-0200, Corrective Action Program Deleted EM-205 (not developmental reference)
3.1.1 through 3.1.4	Removed the definitions for Class A-D fires. Not needed in this procedure. This Procedure is for defining the duties of the fire brigade, who are trained and capable in fire fighting. Re-numbered section accordingly.
Old 3.1.6 (New 3.1.2)	Corrected Title for AI-2205
Old 3.1.7 (New 3.1.3)	Changed definition for Fire Brigade to correspond with definition in AI-2205.
Old 3.1.9 (New 3.1.5)	Replaced Senior Officer/Task Force Commander with Incident Commander. Expanded to be more descriptive of his function.
New 3.1.6	Added definition of Emergency Response Coordinator (ERC)
3.2	Replaced the second and third bullets to clarify coordinating fire response with SSO and to ensure no conflict with other EM procedures. Refer to AR 59113. Also deleted last bullet. Fire Brigade can not ensure EMTs respond with medical kit. It is the responsibility of the EMT to respond with the kit.
3.3.6 through 3.3.8	Removed the fire extinguishers use instructions depending on class of fires. This information is not needed in this procedure. This Procedure is for defining the duties of the fire brigade, who are trained and capable in fire fighting. Re-numbered section accordingly.
4.0	Deleted reference to NOCS 40320. Commitment is inactive, added reference to commitment 4760
4.1	Added Note indicating Fire Brigade continues to respond to fire during declared emergencies as it does on a day to day basis. This note replaced former step 4.1.2. Refer to AR 59113
4.1.1, 4 th bullet	Revised to restate the FTL would dress-out in full turn out gear if required by fire ground operations.
Old section 4.1.2	Delete step to follow instructions from OSC Manager if TSC has been staffed. Fire Brigade continues to respond to fire during declared emergencies as it does on a day to day basis. Refer to AR 59113. Renummer sections as needed
4.1.2 Note	Changed Brigade members may carry radios to "must" carry radios
Old 4.1.6, now NOTE	Change Pre-Fire Plans from Manuals to Procedures, and provided procedure numbers. and change step into NOTE
Old 4.1.10	Changed step to Caution and placed at beginning of section.
4.2 Note	Replaced FPC with Florida Power
4.2.2 and 4.2.3	Replaced Task Force Commander with Incident Commander

4.2.4	Changed Nuclear Security to Site Security
4.2.5	Replaced NSM with SSO and NSS with CRS
4.2.6	Replaced NSM with SSO
4.2.7	Delete reference to EM-206. Additional Fire Brigade personnel are listed on Emergency Team Rosters.
4.3.1 and 4.3.2	Changed reference to Precursor cards and CP-111 to current AR / NCR system and CAP-NGGC-0200, Corrective Action Program. Changed title of Fire Protection Specialist to Fire Protection Staff.
4.3.2	Replaced FPC with Florida Power