



**Florida  
Power**  
CORPORATION

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Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Emergency Preparedness Exercise

Dear Sir:

Florida Power Corporation (FPC) hereby submits the 1987 annual Radiological Emergency Response Plan exercise scope and objectives in accordance with the October 11, 1984 letter, 3N1084-17, R. C. Lewis (NRC) to W. S. Wilgus (FPC). This exercise will be conducted on June 4, 1987 and will serve as a non-required "Training Exercise" for the State and Local response organizations.

If you have any questions, please contact this office.

Sincerely,

E. C. Simpson  
Director, Nuclear Operations  
Licensing and Fuel Management

DVH/feb

Attachment

8703250136 870319  
PDR ADOCK 05000302  
F PDR

xc: Dr. J. Nelson Grace  
Regional Administrator, Region II

Mr. T. F. Stetka  
Senior Resident Inspector

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## 1987 ANNUAL RADIOLOGICAL EMERGENCY RESPONSE PLAN EXERCISE

### PURPOSE

The purpose of this Exercise is twofold: to test the state of emergency preparedness of Crystal River Unit 3 (CR-3) and the Florida Power Corporation (FPC) Corporate Emergency Support Organization organizations; and to meet the annual Exercise requirement for licensees as defined in 10 CFR 50, Appendix E.

### SCOPE

The Exercise is a non-required "Training Exercise" for the State and Local response organizations. The State's Division of Emergency Management will participate only to the degree necessary to test direction and control functions. The State will provide a limited staff in the State Emergency Operations Center and at Florida Power Corporation's Emergency Operations Facility. The Department of Health and Rehabilitative Services (DHRS) will deploy the Mobile Radiological Emergency Laboratory (MERL) and the associated field monitoring teams. The response organizations of the risk counties will participate fully.

The Exercise will simulate events that will initiate three of the four emergency classifications.

The Exercise will be conducted in a manner that simulates actual emergency conditions as closely as possible.

Throughout the Exercise, events may be scheduled such that two or more drills may be conducted simultaneously.

Implementation will occur via Message Cards that will be provided to Exercise participants by Implementors. The Message Cards will contain information that will require the participants to evaluate conditions and initiate specific emergency responses. Incorrect response, or failure to respond within a reasonable time, will be corrected. The correction will be provided both as on-the-spot training, and as a method for keeping the Exercise on schedule.

The Exercise will be formally critiqued by participants and Implementor/Evaluators. The purpose of the critique will be to evaluate the performance of response organizations, and to determine the degree to which exercise objectives were met.

## OBJECTIVES

### **OPERATIONS OBJECTIVES**

1. Demonstrate understanding of Emergency Action Levels (EALS) and proficiency in recognizing and classifying emergency conditions.
2. Demonstrate accident assessment and mitigation in the Control Room, including recognition of degrading plant conditions, evaluation of plant conditions, and recommendation of specific corrective actions to stabilize the plant.
3. Demonstrate the ability to perform emergency notifications, as required, to the State of Florida and to the Nuclear Regulatory Commission.
4. Demonstrate an effective turnover of Emergency Coordinator responsibilities between the Shift Supervisor and the Director, Site Nuclear Operations or Man-On-Call.

### **ONSITE EMERGENCY RESPONSE ORGANIZATION OBJECTIVES**

1. Demonstrate effective implementation of EM-206, "Emergency Plan Roster and Notification".
2. Demonstrate accident assessment and mitigation capabilities in the Technical Support Center.
3. Demonstrate adequate management and control of onsite emergency response capabilities.
4. Demonstrate an understanding of the Emergency Action Levels (EALS), and proficiency in recognizing and classifying emergency conditions.
5. Demonstrate an effective transfer of notification responsibilities from the Emergency Coordinator to the EOF Director when the Emergency Operations Facility is activated.
6. Demonstrate the effectiveness and control of the Emergency Repair Team and the plant Fire Brigade.
7. Demonstrate the effectiveness and control of the Medical Emergency Team.

### **CORPORATE EMERGENCY RESPONSE ORGANIZATION OBJECTIVES**

1. Demonstrate effective implementation of REP-02, "Activation and Notification of the Corporate Emergency Response Plan".
2. Demonstrate the ability to mobilize Corporate level support in response to activation of the Radiological Emergency Response Plan.

3. Demonstrate the ability to establish command and control authority, and the ability to maintain continuity of authority throughout an emergency at Crystal River Unit 3.
4. Demonstrate the ability to establish and maintain appropriate communications with State and Federal emergency management representatives.

#### **RADIOLOGICAL CONTROL OBJECTIVES**

1. Demonstrate the ability to perform radiological monitoring and assessment in the plant and site environments.
2. Demonstrate effective estimation and assessment of a (simulated) release of airborne radioactivity to the environment, including formulation of onsite/offsite radiological dose projections.
3. Demonstrate the ability to provide the Emergency Coordinator, the EOF Director, or the Emergency/Recovery Director timely and sound emergency protective action recommendations.
4. Demonstrate the ability to coordinate the Environmental Survey team with the Department of Health & Rehabilitative Services' field team.
5. Demonstrate availability and operability of emergency supplies and equipment.
6. Demonstrate the capability of maintaining appropriate radiological controls while obtaining medical care for an individual who is both injured and contaminated.
7. Demonstrate the capability for the decontamination of onsite personnel who have been relocated.

#### **CHEMISTRY & WASTE MANAGEMENT OBJECTIVES**

1. Demonstrate the ability to utilize emergency sampling procedures and equipment in response to an accident at Crystal River Unit 3 (samples will be simulated).

#### **ENGINEERING OBJECTIVES**

1. Demonstrate the capability of ascertaining the need for, and requisitioning, parts and components that will be used during recovery and corrective maintenance of damaged equipment.
2. Demonstrate the ability to use and coordinate engineering support as outlined in REP-02.

#### **SECURITY OBJECTIVES**

1. Demonstrate the ability to perform in-shop personnel accountability during the ALERT classification (site evacuation will be simulated).



2. Demonstrate the capability of providing timely access into the CR-3 protected area to non-FPC personnel who are part of the accident response.
3. Demonstrate the capability of maintaining site security throughout an emergency at CR-3, including the capability of establishing and enforcing access control points.
4. Demonstrate Security escort capabilities.

#### **INFORMATION SERVICES OBJECTIVES**

1. Demonstrate timely activation of the Emergency News Center.
2. Demonstrate the ability to obtain emergency related information.
3. Demonstrate the ability to prepare and distribute news releases in a timely manner.
4. Demonstrate coordination of news release preparation and release with State and County Public Information Officers.
5. Demonstrate the ability to conduct news briefings for the media.
6. Demonstrate the ability to respond to telephone inquiries concerning an emergency at CR-3, and to direct these inquiries to the proper source for resolution.