



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION II
 101 MARIETTA ST., N.W., SUITE 3100
 ATLANTA, GEORGIA 30303

SEP 11 1981

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Florida Power Corporation
 ATTN: Mr. J. A. Hancock
 Assistant Vice President
 Nuclear Operations
 P. O. Box 14042, Mail Stop C-4
 St. Petersburg, FL 33733

Gentlemen:

Subject: Confirmation of Action

This refers to a telephone conversation on September 4, 1981, between Dr. P. Y. Baynard of your staff and Mr. R. C. Lewis of this office concerning our appraisal of the emergency preparedness program for the Crystal River facility. With regard to the matters discussed, it is our understanding that you will undertake the following actions to resolve apparent deficiencies in your emergency preparedness program:

1. The following actions will be completed prior to restart following the refueling outage scheduled to begin on September 27, 1981.
 - a. Provide the capability for plume monitoring by environmental survey team(s) composed of Crystal River 3 personnel, which will include, but not necessarily be limited to, activation, notification means, field team composition, transportation, communication, procedures, monitoring equipment and training.
 - b. Revise the Emergency Plan (EM-100) and appropriate implementing procedures (EM series) to indicate that plume monitoring shall be the responsibility of FPC personnel from the onset of an emergency until such time as the State of Florida Division of Health and Rehabilitative Services team arrives on the scene and assumes this responsibility for the area beyond the site boundary.
 - c. Revise Table 6.1 of EM-100, Minimum Staffing Requirements for Crystal River 3 Emergencies, with regard to augmentation capability within 30 and 60 minutes for offsite surveys, so as to meet the recommended criteria set forth in Table B-1 of NUREG-0654.
2. Conduct the following study to determine if the irregularities could adversely affect the accuracy of the meteorological data system which is used for off-site population dose assessment:
 - a. Evaluate the effects of surface conditions in the vicinity of the meteorological tower, including the proximity, size and thermal effects of the coal piles and the inconsistent ground cover, waste and debris in the general area of the tower.

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- b. Evaluate the impact of the absence of acceptable alternative sources of meteorological data, characteristic of site conditions, should the existing meteorological system become inoperable.
- c. Evaluate the capability of the meteorological system to assess the impact of the shoreline environment upon a plume trajectory, following a postulated emergency event.

This study will be initiated by October 30, 1981, and an estimate of the completion date for the study and a description of any compensating actions which will be taken until the study is completed will be provided to this office by the same date.

Please inform this office immediately if your understanding of these matters is different from that stated above.

Sincerely,

[Handwritten signature]

James P. O'Reilly
Director

cc w/encl:
D. C. Poole, Nuclear Plant Manager

bcc w/encl:
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*Telecon concurrences
by HQ DEP. 9/8/81*
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