

**Florida  
Power**  
CORPORATION

December 21, 1984  
3F1284-10

Director of Nuclear Reactor Regulation  
Attention: Mr. John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
NUREG 0737, Supplement 1  
Emergency Response Facilities

Dear Sir:

Florida Power Corporation (FPC) submitted a letter to you dated June 29, 1984 in which we stated that the system to meet the subject requirement would be completed on or before December 31, 1984.

Florida Power Corporation has evaluated our dose assessment capabilities and has determined that we can utilize the present method for transmitting meteorological and radiological data from the control room to the EOF and TSC. Due to developmental problems, our present method does not utilize the Emergency Dose Assessment System (EDAS) as previously submitted. This will provide the dose assessment team members with the necessary information to input to the inhouse computer program which contains the capability to perform the required modified Class A, variable trajectory, puff model dose assessment calculations. The model output data consists of information presented in table and graphic form depicting the puff plume trajectory path. The table data includes current and cumulative whole body, and current and cumulative thyroid dose rates in mRem/hr at the site boundary, 2, 5, and 10 mile locations. In addition, the highest centerline dose at any distance from the plant can be obtained. This information can be directly used by emergency personnel to recommend protective actions. "Emergency Plan Implementing Procedure" EM-204(B) provides the detailed instructions for using the computer method of dose assessment. The initial and manual dose assessment calculation methods are covered in Procedures EM-204(A) "Release and Off-Site Dose Assessment During Radiological Emergencies at CR-3 (Initial Assessment Method)" and EM-204(C) "Release and Off-Site Dose Assessment During Radiological Emergencies at CR-3 (Manual Method)". Both the computer method and the manual method have been normalized to the method used by the State Department of Health and Rehabilitative Services, Office of Radiation Control.

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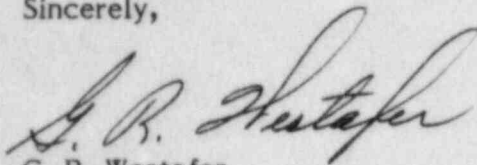
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The dose assessment team receives training once per year on the use of the system utilizing a written instruction program.

Florida Power Corporation believes that the implementation of this program fulfills the requirements of NUREG-0737, Supplement I, Emergency Response Facilities, and therefore completes this requirement.

Sincerely,

A handwritten signature in cursive script, appearing to read "G. R. Westafer".

G. R. Westafer  
Manager, Nuclear Operations  
Licensing and Fuel Management

EMG/feb