

**Florida  
Power**  
CORPORATION

October 29, 1985  
3F1085-13

Mr. Harold R. Denton  
Office of Nuclear Reactor Regulation  
Attn: 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  
Transmittal of Report Related to Request for Exemption from a  
Portion of 10 CFR 50 Appendix A, General Design Criteria 4

Reference: Florida Power Corporation (FPC) letter to NRC, Westafer to  
Denton, dated February 1, 1985 (3F0285-02), subject Request for  
Exemption from a Portion of 10 CFR 50, Appendix A, General  
Design Criteria 4 (GDC-4).

Dear Sir:

The reference letter requested an exemption from a portion of the GDC-4 requirements in order to utilize the Leak-Before-Break concept at Crystal River Unit 3 (CR-3) and presented a sequence of actions (tentative dates of reports) which would provide additional justifications for the reduction at CR-3 in the number of large bore hydraulic snubbers restraining the reactor coolant pumps.

The report enclosed with this letter is the FPC Action Item labeled in the Reference as RCS Leakage Detection System Capability. The format of the report lists Regulatory Positions contained in Reg. Guide 1.45 and describes the monitoring devices and accuracies used by FPC to detect primary system coolant leakage. The report shows that CR-3's leak detection system follows the guidelines of Reg. Guide 1.45, except that the system is not totally seismically supported. This report is the last FPC report planned in the sequence of Reference 1 prior to NRC approval of FPC's subject exemption request.

8511040033 851029  
PDR ADOCK 05000302  
P PDR

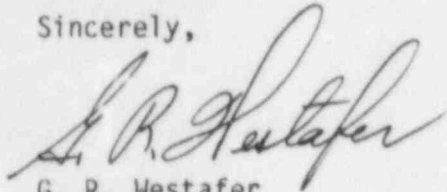
A001

11

October 29, 1985  
3F1085-13  
Page 2

A technical meeting has been arranged among representatives of NRC, FPC and B&W representatives on October 31, 1985 to discuss the status of NRC review to identify needs for additional information, if required. This meeting date is consistent with our continued need for informal input from NRC during November, 1985 to permit procurement by FPC of an optimized snubber arrangement to replace the current design.

Sincerely,



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

Enclosure: Assessment of CR3  
RC Leak Detection System  
File: SP 83-133  
October 25, 1985

Westafer(T01)C3-1