

**Florida  
Power**  
CORPORATION

May 17, 1985  
3F0585-11

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

Subject: Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72  
Safety Evaluation Report for Crystal River Unit 3 on  
Appendix R to 10CFR50 Section III.G., dated January 6, 1983

Dear Sir:

The purpose of this letter is to point out several items in the subject SER which are either in error or require clarification. The items are listed by SER page number, Section Title and Subtitle.

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SYSTEMS USED FOR POST-FIRE SAFE SHUTDOWN

A. Systems Required for Safe Shutdown

"Primary system pressure is maintained by the pressurizer heaters, the make-up pumps taking suction from the BWST combined with letdown flow, and the pressurizer spray (cold shutdown only)."

COMMENTS

- 1) Pressurizer heaters are not required for safe shutdown. Controls for specific groups of pressurizer heaters are available on the remote shutdown panel, but the pressurizer heaters are not normally powered from an engineered safeguards bus. Therefore, all heater groups would be de-energized on a loss of offsite power. Means (or "repairs") are available to align certain heater groups to a diesel generator supplied engineered safeguards bus for use from the control room or remote shutdown panel if desired.

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- 2) For shutdown from the control room, the letdown system is not protected for operability post-fire, but specific valves are protected to assure the capability to isolate letdown flow.

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EVALUATION

A. Performance Goals

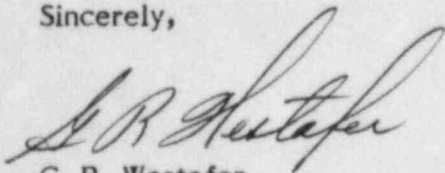
"Two make-up pumps are used for safe shutdown and are started at the switchgear."

COMMENT

- 1) Only one make-up pump is required for safe shutdown of the plant from either the dedicated shutdown panel or from the control room.

This information is provided to preclude misunderstandings during our pending Appendix R inspection. Should you require any further information, please contact this office.

Sincerely,



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

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