

**Florida  
Power**  
CORPORATION

August 30, 1985  
3F0885-21

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  
Emergency Diesel Generator Operability

Dear Sir:

The purpose of this letter is to document Florida Power Corporation's (FPC's) commitment on the above subject as a result of our telephone conversations last week.

Your staff has expressed a concern that when the emergency diesel generator is operating in parallel with the electrical grid, a condition could occur in which the emergency diesel generator separates from the Engineered Safeguards bus due to generator field overcurrent and will not reconnect due to a protective relay seal-in feature.

To correct this condition prior to the next parallel operation of the emergency diesel generator with the electrical grid, FPC will modify the generator field overcurrent protective relay circuit. This modification will allow the generator to reconnect to the Engineered Safeguards bus after a field overcurrent trip. This modification will be administratively controlled so that in the future the normal seal-in feature is defeated only when the emergency diesel generator is connected in parallel with the electrical grid. This modification is necessary to properly protect other equipment which could possibly be damaged during other postulated scenarios. A future modification is planned which will solve all anticipated protective relaying problems.

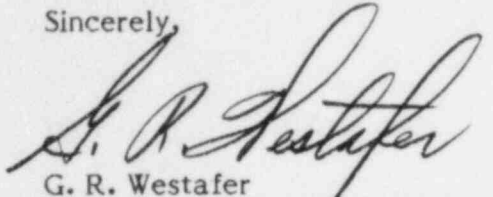
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Finally, it has been confirmed that the Engineered Safeguards components are block loaded on to the Engineered Safeguards busses whether or not an undervoltage condition has occurred on the busses.

Sincerely,



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

RMB/feb