

**Florida  
Power**  
CORPORATION

March 31, 1982  
#3F-0382-26  
File: 3-0-26



Mr. John F. Stolz, Chief  
Operating Reactor 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, Item II.K.2.9  
Failure Mode Effects Analysis of Integrated Control System

Dear Mr. Stolz:

In compliance with NUREG-0737, Item II.K.2.9, "Failure Mode Effects Analysis of Integrated Control System," Florida Power Corporation (FPC) confirmed the applicability of B&W Report BAW-1564, "Integrated Control System Reliability Analysis" to Crystal River Unit 3 (letter dated August 31, 1979). FPC also submitted a plan for implementation of the report recommendations (letter dated November 23, 1979) in response to an NRC request for additional information (letter dated November 7, 1979).

The plan called for installation of a static transfer switch for transfer of ICS input power to an alternate source upon ICS power feed failure. The installation of the static transfer switch was completed by August, 1980.

Also implemented was a study of the main feedwater pump turbine governor oil system. Past problems causing runback to minimum speed of the pump turbine were believed to be due to dirty governor oil. Evaluation of the governor oil system and corrective actions have improved the reliability of the main feedwater pump. However, additional efforts are being pursued to preclude all runbacks.

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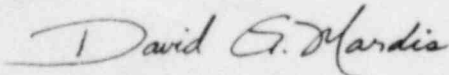
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Since all commitments contained in our November 23, 1979 letter have been acted on or implemented, the requirements of Item II.K.2.9 are satisfied and action on the item completed.

If you have any further questions regarding this subject, please contact this office.

Very truly yours,



David G. Mardis  
Acting Manager  
Nuclear Licensing

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cc: Mr. J. P. O'Reilly, Regional Administrator  
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U.S. Nuclear Regulatory Commission  
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