



# Florida Power

CORPORATION  
Crystal River Unit 3  
Docket No. 50-302  
Operating License No. DPR-72

November 1, 1999  
3F1199-11

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555-0001

Subject: Generic Letter 87-02, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue (USI) A-46" - Evaluation of Condenser Hotwell Suction Isolation Valve (TAC No. M69440)

References: 1. FPC to NRC letter dated March 30, 1998 (3F0398-16)  
2. FPC to NRC letter dated June 1, 1998 (3F0698-17)

Dear Sir:

The purpose of this letter is to inform the NRC of the resolution of an issue related to the Unresolved Safety Issue (USI) A-46 at the Florida Power Corporation (FPC) - Crystal River Unit 3 (CR-3) nuclear station.

In Reference 1, FPC identified that a normally-open manual valve (EFV-36) in the emergency feedwater system (EFW) piping between the main condenser hotwell and the common suction to both EFW pumps, had to be closed due to leakage through pump suction isolation valves. Reference 2 provided an evaluation of EFV-36 remaining closed during operating cycle 11. The evaluation stated that the leakage was estimated to be approximately ten gallons per minute (gpm). This was unacceptably high since it would require makeup to and chemistry adjustments of the EFW tank (EFT-2) approximately once per day. In Reference 2, FPC committed to reduce the leakage during the cycle 11 refueling outage, and to notify the NRC of the final resolution of EFV-36 position prior to restart.

Post-maintenance testing indicates that the leakage has been reduced to approximately 0.001 gpm. This eliminates the operational burden due to frequent makeup and chemistry adjustments to EFT-2. As a result, the normal position of EFV-36 for plant operation has been returned to open.

There are no new regulatory commitments made in this submittal. If you have any questions regarding this matter, please contact Mr. Sid Powell, Manager, Nuclear Licensing, at (352) 563-4883.

Sincerely,

D. L. Roderick  
Director, Nuclear Engineering and Projects

DLR/rer

cc: Regional Administrator, Region II  
Senior Resident Inspector  
NRR Project Manager

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