



**Florida  
Power**  
CORPORATION

May 10, 1982  
#3F-0582-02  
File: 3-E-1

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  
Experimental Electromagnetic Interference Program



Dear Mr. Stolz:

By letter dated April 16, 1982, the NRC requested approval to perform data measurements to define the electromagnetic interference (EMI) at Crystal River Unit 3 (CR-3) during July and August of 1982. These measurements are to complete Lawrence Livermore National Laboratory's (LLNL's) Task 3 of their EMI program at a pressurized water reactor (PWR). Task 3 proposes to show the electric field and magnetic field measurements made in the Control Room, Relay Room, Cable-Spreading Room, and Motor Control Centers will be electrically isolated from all plant systems.

Florida Power Corporation (FPC) is always pleased to cooperatively work with the NRC and its representatives to improve the safety and reliability of nuclear power plants. Therefore, we will support your experimental EMI Program by providing a plant engineer or electrical technician to interface with LLNL personnel and supply equipment and cabling location information. As we would like to review the results of Task 1 (System Verification Tests) and Task 2 (detailed plan to investigate typical PWR control and electrical systems which may be vulnerable to EMI) in order to prepare for the tests at CR-3, FPC hereby requests this information one month prior to your visit.

Very truly yours,

*David G. Mardis*

David G. Mardis  
Acting Manager  
Nuclear Licensing

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