

FEB 8 1985

DMB 016

Docket No. 50-302

Mr. Walter S. Wilgus  
Vice President, Nuclear Operations  
Florida Power Corporation  
ATTN: Manager, Nuclear Licensing  
& Fuel Management  
P. O. Box 14042; M.A.C. H-2  
St. Petersburg, Florida 33733

Dear Mr. Wilgus:

The Human Factors Engineering Branch and its consultants (Science Applications International Corporation) plan to conduct an in-progress audit of your DCRDR for the Crystal River Nuclear Generation Plant. The purpose of the audit will be to review the process, methodologies and procedures being used by the Florida Power Corporation (FPC) to conduct its CRDR, and to provide guidance to the FPC to assure that its DCRDR effort meets the requirements of Supplement 1 to NUREG-0737. As discussed with your staff, we plan to conduct the audit February 12-14, 1985. Please prepare for the audit by making the following arrangements.

1. Review team personnel knowledgeable in each of the DCRDR tasks should be available to discuss the review process and to respond to staff questions during the audit.
2. Provide documentation of DCRDR results available to date.
3. Conference or office space should be available for the staff and its consultants to meet privately and with FPC.
4. Access to the control room simulator (if available) should be provided and, access to the control room and to the remote shutdown facilities is required.
5. Provide clearance to bring camera equipment on site and to take photographs at the mock-up, in the control room, and in other areas which would assist in evaluating the DCRDR.

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F PDR

•Mr. Walter S. Wilgus

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An audit agenda (enclosed) is provided to assist you in planning your resources. Ray Ramirez of the HFEB is the lead reviewer for the Crystal River 3 DCRDR and will be responsible for conducting the audit. He will be accompanied by four other NRC and contractor personnel.

Sincerely,

"ORIGINAL SIGNED BY  
JOHN F. STOLZ"

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

Enclosure:  
As Stated

cc w/enclosure:  
See next page

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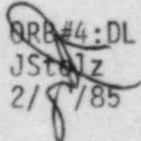
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Crystal River Unit No. 3  
Florida Power Corporation

50-302

cc w/enclosure(s):

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ENCLOSURE

Agenda For Auditing The Crystal River 3  
Detailed Control Room Design Review (DCRDR)

Day 1

1. NRC entrance briefing
2. Licensee briefing on DCRDR progress and discussion on results to date.
3. Qualifications and Structure of the DCRDR Review Team
  - o qualifications of members of the review team
  - o task assignments and levels of effort
  - o participation of nuclear engineer in review activities
4. Function and Task Analysis
  - o detailed descriptions of F&TA conducted as part of EOP upgrade program
  - o procedures for review and analyses of F&TA data
  - o procedures for validation of control room functions

Day 2

1. Control Room Inventory
  - o inventory process
  - o comparison of F&TA information and control requirements with available instrumentation
2. Control Room Survey
  - o content of individual surveys
  - o data collection/checklist
3. HED assessment
  - o HED rating criteria
  - o HED rating procedure
  - o use of F&TA results
4. Selection of Design Improvements
  - o methodology and procedures for selecting design improvement
  - o evaluation of alternative solutions

Procedures for Verification that Improvements Will Provide Necessary Corrections and that New HEDs Will not be Introduced in the Control Room

Day 3

1. Brief survey of Simulator
2. Control Room Survey
  - o audit of selected control room improvements
  - o observation of overall control room enhancements and improvements
3. Remote Shutdown Panel Survey
  - o audit of selected improvements
  - o observation of overall enhancements and improvements
4. NRC and consultant caucas.
5. NRC exit briefing