

**Florida  
Power**  
CORPORATION

June 29, 1984  
3F0684-16

Director of Nuclear Reactor Regulation  
Attention: Mr. George W. Rivenbark, Acting Chief  
Operating Reactors 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, Supplement 1  
Proposed Schedule For Implementation Of Requirements

Dear Sir:

In accordance with Florida Power Corporation's (FPC) letter to you dated April 13, 1984, this letter is submitted to provide a schedule to complete the Emergency Dose Assessment System (EDAS) project.

Florida Power Corporation contracted with Scientific Systems Services, Inc. (SSS) to evaluate NUS's capability to deliver the EDAS computer. In order to evaluate NUS, SSS interviewed all project personnel and reviewed a substantial portion of the software coding. SSS reported that they felt NUS would deliver a functional system on schedule. They based this finding on the strength of NUS's new organization in Plano, Texas, which is well managed and solely dedicated to completing this job. In addition, while SSS was at NUS's offices, they were exposed to the system as it now stands, with NUS being in final preparation for the Factory Acceptance Test. As a result of SSS's recommendations, FPC submits the attached schedule for completion of this project and completion of the Emergency Response Facilities at Crystal River 3. It is presently anticipated that the EDAS project will be completed on or before December 31, 1984.

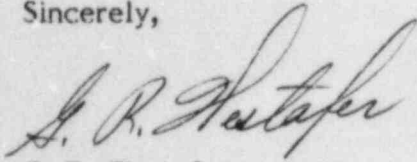
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FPC has updated the NUREG 0737, Supplement 1, schedules for those activities which have been completed and for those activities which have been more clearly defined. These schedules are provided as attachments to this letter. We also wish to emphasize the fact that Activity 916, Implementation and Training for the Control Room Design Review and Activity 958, Installation and Training for Regulatory Guide 1.97 have always been start dates and not completion dates.

Sincerely,



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

EMG/feb

Attachments

cc: Mr. J. P. O'Reilly  
Regional Administrator, Region II  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
101 Marietta Street N.W., Suite 2900  
Atlanta, GA 30323

## ATTACHMENT I

<u>SUBJECT</u>	<u>NUREG-0737 ITEM</u>	<u>SUPPLEMENT 1 to NUREG-0737 ITEM</u>
Guidance for the Evaluation and Development of Procedures for Transients and Accidents	I.C.1	7.1, 7.2
Control Room Design Reviews	I.D.1	5.1, 5.2
Plant Safety Parameter Display Console	I.D.2	4.1, 4.2, 4.3 6.1.b
Upgrade Emergency Support Facilities	III.A.1.2	6.1.c, 6.1.d, 8.2, 8.3, 8.4
Meteorological Data	III.A.2.2	6.1.b

## ATTACHMENT 2

### Tabular Schedule for NUREG-0737 Supplement I

Item Number	Response	Activity Number (See Attachment 3)
4.1.a	The engineering documents used to procure and install SPDS will incorporate these general requirements.	932, 934 936
4.1.b	Same as 4.1.a.	932
4.1.c	Same as 4.1.a.	932
4.1.d	Same as 4.1.a.	932
4.1.e	Same as 4.1.a.	932
4.1.f	Same as 4.1.a.	932
4.2.a	The written safety analysis for the SPDS will be prepared during the Engineering Phase of the project and will be submitted by the end of the 3rd Quarter of 1984.	933
4.2.b	Appropriate Technical Specification change requests will be submitted at least 90 days prior to the completion of installation.	935
4.3	SPDS design will be integrated into the assessment phase of the CRDR. The design will be considered as an input to revision of the EOP's.	932, 914
5.1.a	The objective of the control room design review will be utilized in the FPC plan which was completed in the 3rd Quarter of 1983.	910 Complete
5.1.b	FPC will complete a review of the control room during the 3rd Quarter of 1984.	912
5.1.c	FPC will assess which engineering discrepancies are significant and should be corrected. This is scheduled to be completed during the 1st Quarter 1985.	914
5.1.d	FPC will verify that each selected design improvement will provide the necessary correction and can be safely introduced into the control room. This is scheduled to be completed during the 1st Quarter of 1985.	914

ATTACHMENT 2 (Cont'd.)

Item Number	Response	Activity Number (See Attachment 3)
5.2.a	FPC submitted a program plan within two (2) months after the start of the Review. This was completed in the 4th Quarter of 1983.	913 Complete
5.2.b	FPC will submit a summary report of the completed assessment. This is scheduled for the 2nd Quarter of 1985.	915
5.2.g	FPC will <u>not</u> begin the control room upgrade until the staff has issued a SER and FPC has addressed any open items. We will provide a detailed schedule for Control Room modifications and operator training by July 1, 1985.	916
6.1.a	The requirements of Regulatory Guide 1.97 will be considered during the Compliance Study and Systems Study Phase of this project. Results of these studies will be integrated in our Control Room Design review.	950 Complete 952
6.1.b	FPC will satisfy the requirements of this paragraph in the systems study.	952
6.1.c	Same as 6.1.b.	952
6.1.d	Same as 6.1.b.	952
6.2	FPC will submit a report describing its compliance with the requirements of this paragraph and showing FPC's position on all items in Regulatory Guide 1.97 in the 3rd Quarter of 1984. Identified deviations from the requirements of RG 1.97 will initiate the engineering phase of FPC's compliance and allow FPC to submit a detailed procurement schedule by January 2, 1985 and a schedule for installation and training by February 28, 1986.	953, 954, 956, 958
7.1.a	FPC is committed to using human factored, function oriented EOP's.	Complete
7.1.b	FPC has prepared Technical Guidelines.	919 Complete
7.1.c	FPC wrote the upgraded EOP's consistent with the Technical Guidelines and the Procedures Generation Package previously submitted to the NRC. Activity was completed by the end of the 3rd Quarter of 1983.	920 Complete
7.1.d	Training on the upgraded EOP's was completed prior to the 1st Quarter of 1984.	920 Complete
7.1.e	Implementation was completed by the 1st Quarter of 1984.	920 Complete
7.2.a	FPC has submitted Technical Guidelines.	919 Complete



**ATTACHMENT 2 (Cont'd.)**

Item Number	Response	Activity Number (See Attachment 3)
7.2.b	FPC has submitted the Procedures Generation Package including a program for the validation of EOP's.	919 Complete
8.2.1.a	The general requirements for the TSC have been included in the design of the TSC.	Complete
8.2.1.b	The location requirement of the TSC has been included in the design of the TSC.	Complete
8.2.1.c	The accommodations requirement of the TSC has been included in the design of the TSC.	Complete
8.2.1.d	The TSC was structurally built in accordance with the Uniform Building Code.	Complete
8.2.1.e	The controlled environment requirement of the TSC has been included in the design of the TSC.	Complete
8.2.1.g	The communications requirement for the TSC has been included in the design of the TSC.	Complete
8.2.1.h	The data requirement for the TSC has been included in the design of the TSC. The (a) recall data display equipment was completed in the 1st Quarter of 1984; (b) the EDAS data display equipment installation and training will be completed by the end of the 4th Quarter of 1984.	964 (a) Complete
8.2.1.i	The records requirement for the TSC has been included in the design of the TSC.	Complete
8.2.1.j	The staffing requirement for the TSC has been included in the design of the TSC.	Complete
8.2.1.k	The human factors engineering principle requirement for the TSC has been included in the design of the TSC.	Complete
8.3.1.a	The general requirements for the OSC have been included in the design of the OSC.	Complete
8.3.1.b	The location requirement for the OSC has been included in the design of the OSC.	Complete
8.3.1.c	The communication requirement for the OSC has been included in the design of the OSC.	Complete
8.4.1.a	The general requirements for the EOF have been included in the design of the EOF.	Complete
8.4.1.b	The location requirement for the EOF has been included in the design of the EOF.	Complete

ATTACHMENT 2 (Cont'd.)

Item Number	Response	Activity Number (See Attachment 3)
8.4.1.c	The accommodation requirement for the EOF has been included in the design of the EOF.	Complete
8.4.1.d	The EOF was structurally built in accordance with the Uniform Building Code.	Complete
8.4.1.e	The controlled environment requirement for the EOF has been included in the design of the EOF.	Completed
8.4.1.f	The communications requirement for the EOF has been included in the design of the EOF. This was completed in the 3rd Quarter of 1983.	960 Complete
8.4.1.g	The data requirement for the EOF has been included in the design of the EOF. (a) This was installed by the end of 1983 and (b) a schedule for EOF personnel trained in EDAS operation is the end of the 4th Quarter of 1984.	962, 964 (a) Complete
8.4.1.h	The records requirement for the EOF has been included in the design of the EOF.	Complete
8.4.1.i	The staffing requirement for the EOF has been included in the design of the EOF.	Complete
8.4.1.j	The security requirement for the EOF has been included in the design of the EOF.	Complete
8.4.1.k	The human factors engineering principles requirement for the EOF has been included in the design of the EOF.	Complete

PROJECT LICENSE PLOT DATE 26 JUN 84  
 START 2 JAN 84  
 COMPLETION 15 APR 87  
 SUPPLEMENT 1 TO NUREG-737 SCHEDULE  
 REVISION 03 2 JUL 84  
 NRC LICENSING COMMITMENTS

WORKING SCHEDULE  
 SORT NODES

MODE OFF  
 INTERVAL 1 MONTHS

