

*official*

September 9, 1992

Docket Nos. 50-348, 50-364  
License Nos. NPF-2, NPF-8

Southern Nuclear Operating Company, Inc.  
ATTN: Mr. W. G. Hairston, III  
Senior Vice President  
Nuclear Operations  
P. O. Box 1295  
Birmingham, AL 35201

Gentlemen:

SUBJECT: NOTICE OF VIOLATION AND NOTICE OF DEVIATION  
(NRC INSPECTION REPORT NO. 50-348\92-17 AND  
50-364\92-17

This refers to the special Electrical Distribution System Functional Inspection (EDSFI) conducted by a team of Region II and contract personnel and lead by E. Girard of this office during June 8 through July 10, 1992. The inspection included a review of activities authorized for your Farley facility. The exit meeting was held July 10, 1992, during which the findings of this inspection were discussed with you and members of your staff.

The inspection team assessed the capacity of the Electrical Distribution System to perform its intended functions and the adequacy of the engineering and technical support provided to maintain the operability of the system. The inspection consisted of a selective review of design calculations, relevant procedures, representative records, and installed equipment; and interviews with engineering and technical support staff.

It was concluded that the Electrical Distribution System and the engineering and technical support provided were generally adequate. However, important violations of requirements and other matters of concern were identified which require further evaluation. Those considered more significant are listed and briefly described in the executive summary to the enclosed report, with additional details provided in the text. They include three violations, a deviation, and 13 other findings. We urge you to carefully review these findings and implement corrective actions where appropriate.

The most serious of the findings identified by the inspection involved (1) inadequate determination of cause and of corrective

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actions for relays which failed to meet Technical Specification surveillance test acceptance limits; and (2) system safety margins which appear lower than intended or recognized in the original licensing design reviews. The former is identified as a violation (348, 364/92-17-01). Further NRC evaluations of the latter are planned before determining the need for any enforcement action, and these are identified as an unresolved items (348, 364/92-17-05, -07 and -08).

You are required to respond to the violations and deviation in accordance with the instructions specified in the enclosed Notices of Violation and Deviation. With regard to the violation referred to in the above paragraph, we are concerned that this may be an indication of insufficient thoroughness and timeliness in your evaluation of failures under the pressures of schedule. Please specifically respond to this in your reply to the enclosed Notice of Violation.

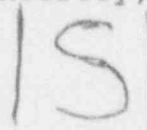
We are requesting that you also respond in writing within 60 days to the unresolved items identified in the report and to all of the inspector followup items except 348, 364/92-17-14. The executive summary describes the information desired for these items.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

The responses directed by this letter and the enclosed Notices are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511.

Should you have any questions concerning this letter, please contact us.

Sincerely,



Albert F. Gibson, Director  
Division of Reactor Safety

Enclosures:

1. Notice of Violation
2. Notice of Deviation
3. NRC Inspection Report

(cc w/encl - See page 3)

Southern Nuclear Operating  
Company, Inc.

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