

Official

May 19, 1992

Docket No. 50-395
License No. NPF-12

South Carolina Electric & Gas Company
ATTN: Mr. John L. Skolds
Vice President, Nuclear Operations
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, SC 29056

General:

SUBJECT: NOTICE OF VIOLATION AND NOTICE OF DEVIATION
(NRC INSPECTION REPORT NO. 50-395/92-04)

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 March 2 through April 3, 1992. The inspection included a review of activities authorized for your Summer facility. The exit meeting was held April 13, 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 had the capacity to perform its intended safety functions and that the engineering and technical support provided to maintain the system were adequate. Various strengths were observed including the availability of a computer program to analyze the DC system, a generally good fuse control program, good monitoring of diesel fuel oil quality, and knowledgeable engineering personnel.

Four apparent violations were identified and, of these, three are as specified in the enclosed Notice of Violation (Enclosure 1). The fourth is not being cited in the Notice because of its limited safety significance and the corrective actions already initiated.

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One apparent deviation was identified, as specified in the enclosed Notice of Deviation (Enclosure 2).

The cited violations involved (1) failure to translate design requirements for seismic supports and motor protection into correct hardware installations; (2) deficiencies in the control of drawings, design calculations, and databases; and (3) inadequate instructions for control of the application of pre-approved dispositions to equipment failures. The deviation involved a failure to meet a commitment to provide cathodic protection against corrosion of underground diesel fuel oil tanks and piping. Neither the violations nor the deviation was judged to have severely impacted the safety function of important equipment but correction is considered necessary to ensure against future problems. The violations and deviation represented weaknesses in the original installation of Electrical Distribution System equipment and in activities to ensure that it is adequately maintained.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notices when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. After reviewing your response to these Notices, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

In addition to the violations and deviation noted above, other issues were identified which represent apparent weaknesses but will not be cited at this time. These findings are described in detail in the enclosed inspection report and are listed and briefly summarized in the executive summary to the report. We urge you to carefully review these findings and determine if corrective actions are appropriate. We request that in addition to your response to the Notices of Violation and Deviation, you respond in writing within 60 days to the findings identified as inspector followup items 395/92-04-08 and -09. These findings involve preventive maintenance for molded case circuit breakers and insulated busses. During the inspection our team was informed of corrective actions that would be taken in regard to these items. Your response should confirm the actions you intend to take and when the actions will be completed.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice" a copy of this letter and its enclosure will be placed in the 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 Paper Reduction Act of 1980, Pub. L. No. 96.511.

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

Sincerely,

Original signed by
Caudle A. Julian/for

Albert F. Gibson, Director
Division of Reactor Safety

Enclosures:

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

cc w/encls:

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(cc w/encls cont'd - See page 3)

South Carolina Electric
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cc w/encls cont'd)
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