

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

O. W. DIXON, JR.

VICE PRESIDENT

NUCLEAR OPERATIONS

November 29, 1984

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Cable Separation (Item 2.C.16)

Dear Mr. Denton:

A condition of the Operating License (Item 2.C.16) for the Virgil C. Summer Nuclear Station as amplified in the Safety Evaluation Report, Supplement 4, Section 8.3.3, required the physical separation of safety-related and non-safety-related cable trays. South Carolina Electric and Gas Company (SCE&G) submitted by letter dated July 6, 1982, a list of the non-Class 1E cable trays that are not separated from Class 1E cable trays as recommended by IEEE Std. 384, and as endorsed by Regulatory Guide 1.75. SCE&G committed, for the trays identified, prior to startup after the first refueling, to provide covers or barriers between the non-Class 1E cable trays and at least one of the Class 1E cable trays or to demonstrate that faults induced in non-Class 1E cable trays will not cause failure of cable in both adjacent, redundant Class 1E cable trays.

This task has been accomplished by providing cable tray covers on some cable trays and by periodic testing of certain cable and equipment protective devices via station Electrical Maintenance Procedures.

The periodic testing of cable and equipment protective devices is being performed to demonstrate that the device will clear the imposed fault condition without exceeding the I<sup>2</sup>t rating of the cable (before the ignition is reached). This testing is accomplished by checking breaker trip setpoints and calibration parameters. Each breaker is tested on a five (5) year basis. In addition, at least 10% of each type of breaker is tested approximately every eighteen (18) months.

As required by License Condition 2.C.16, a proposed change to the Technical Specifications is included as Attachment A. This change incorporates the periodic testing requirements of the cable and equipment protective devices. SCE&G has determined that a finding of no significant hazards is appropriate because this request adds additional testing requirements to the Technical Specification controls.

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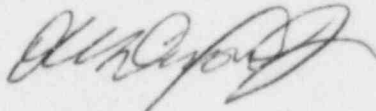
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This change has been reviewed and approved by both the Plant Safety Review Committee and the Nuclear Safety Review Committee. The statements and matters set forth herein are true and correct to the best of my knowledge, information and belief. A check in the amount of one hundred fifty dollars (\$150.00) is enclosed to initiate the processing of this request.

By providing cable tray covers on some cable trays and continuing to periodically test the required cable and equipment protective devices, SCE&G considers the requirements of License Condition 2.C.16 to be met.

If you have any questions, please advise.

Very truly yours,



O. W. Dixon, Jr.

SGC/AMM/OWD/gj

cc: V. C. Summer	C. A. Price
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