

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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O. W. DIXON, JR.
VICE PRESIDENT
NUCLEAR OPERATIONS

June 18, 1985

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Dr. J. Nelson Grace
Regional Administrator
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30323

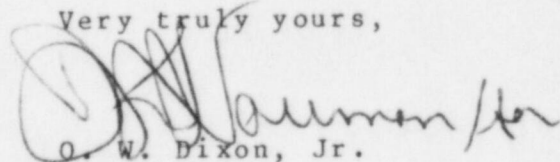
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Special Report (SPR 85-005)

Dear Dr. Grace:

Attached is a Special Report for the Virgil C. Summer Nuclear Station. This Special Report is required by Section 6 of the Technical Specifications.

Should there be any questions, please call us at your convenience.

Very truly yours,

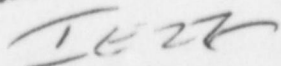

O. W. Dixon, Jr.

RMF:OWD/csw
Attachment

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Dr. J. Nelson Grace
SPR 85-005
June 18, 1985

EVENT DESCRIPTION

On May 17, 1985 the Licensee's Appendix R Task Force identified that separation of the Nuclear Instrument (NI) Source Range (SR) Detectors (N-31, N-32, and N-33) did not meet the requirements of 10 CFR 50 Appendix R. The "B" train power supply for NI SR channel N-33 shares a common breaker with a 7200 volt cable which runs in the same fire area ("B" train cable chase, Room 36-03CB) as the "A" train signal cables for NI SR channel N-31 and N-32. A fire in this area could damage channel N-31 and N-32 and also disrupt power to N-33. These circuits are separated by a horizontal distance of greater than twenty feet; however, because of intervening combustibles, i.e, insulation of electrical cables, the requirements of Appendix R are not satisfied.

There were no adverse consequences due to this event. Detector N-33 is the SR indicator located on the Control Room Evacuation Panel (CREP). A fire in the "B" train cable chase would not require a Control Room evacuation or the use of the CREP. Shutdown would be accomplished from the Control Room using "A" train equipment.

CORRECTIVE ACTION

The Licensee established a one hour fire watch patrol of the area as required by Technical Specification 3.7.10, "Fire Rated Assemblies."

A modification to the existing installation of NI-33 is presently being processed which will provide isolation of NI-33 from NI-31 and NI-32. This modification will be implemented no later than March 31, 1986.