

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

T. C. NICHOLS, JR.
VICE PRESIDENT AND GROUP EXECUTIVE
NUCLEAR OPERATIONS

May 18, 1981



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
Control System Failures

Dear Mr. Denton:

In a letter from the NRC staff dated April 30, 1981 South Carolina Electric and Gas Company was requested to perform reviews to identify control systems failures which were not considered in or bounded by the FSAR chapter 15 analysis.

We have interpreted your letter to request reviews in two areas. The first area of review will look at control systems failures caused by high energy line breaks that could complicate the event beyond the FSAR analyses. The second area of review will identify those control systems whose failure or malfunction could seriously impact safety and justify that the effect of simultaneous malfunctions due to a common power supply failure or a common sensor failure is bounded by the FSAR analysis.

We will provide you with results of these reviews including any corrective action to be taken by March 1, 1982.

If you have any questions, please let us know.

Very truly yours,

A handwritten signature in dark ink, appearing to read "T. C. Nichols, Jr.", with a stylized flourish at the end.

T. C. Nichols, Jr.

SMC:NEC:TCN:rh

cc: Page Two

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Mr. Harold R. Denton
May 18, 1981
Page Two

cc: V. C. Summer
G. H. Fischer
T. C. Nichols, Jr.
Dr. John Ruoff
D. A. Nauman
W. A. Williams, Jr.
R. B. Clary
A. R. Koon
A. A. Smith
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J. B. Knotts, Jr.
J. L. Skolds
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File