

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

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

August 25, 1981



Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II Suite 3100
101 Marietta Street, N. W.
Atlanta, GA 30303

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
Reportable Significant Deficiency
Improper Termination
File: 3.1051

Dear Mr. O'Reilly:

On August 24, 1981, a significant deficiency as defined by 10CFR50.55(e) was reported to Mr. Virgil Brownlee at the NRC Region II office. The item involved an improper termination to a solenoid valve that controlled an air operated containment isolation valve. The termination was not made per approved procedure and could have failed. Details are given on the attachment.

This item is being reported under our 10CFR50.55(e) procedure. This is considered the final report on the matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "T. C. Nichols, Jr.".

T. C. Nichols, Jr.

JAW:TCN:tdh

cc: V. C. Summer
G. H. Fischer
H. N. Cyrus
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10CFR50.55(e) - SIGNIFICANT DEFICIENCY

1. Identification of Nonconformance

An improper termination was made to a solenoid valve that controls an air operated valve that serves as containment isolation for the Reactor building air compressor suction. The termination was not made per procedure and could have failed.

2. Number and Location of Nonconformance

The nonconformance was an isolated incident limited to the one solenoid.

3. Significant Deficiency Created and Evaluation

Failure of the termination could cause a short or an open circuit that could prevent the solenoid from energizing. This could result in a violation of containment isolation.

4. Corrective Action

The solenoid was reterminated per approved procedure. The maintenance personnel responsible for the incident is no longer employed.