

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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USNRC REGION  
ATLANTA, GEORGIA

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

November 5, 1982 8 P3:00

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

SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 82-018

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #82-018 for Virgil C. Summer Nuclear Station. This Thirty Day Report is required by Technical Specification 6.9.1.13.(b) as a result of entry into Action Statement 19 of Technical Specification 3.3.2, Table 3.3-3, "Engineered Safety Feature Actuation System Instrumentation," on October 8, 1982.

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

Very truly yours,



O. W. Dixon, Jr.

ARK:OWD:dwf  
Attachment

cc: V. C. Summer  
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#### DETAILED DESCRIPTION OF EVENT

On October 8, 1982, with the Plant in Mode 3, Surveillance Test Procedure (STP) 303.006, "Steam Generator "B" Steam Pressure (IPT-0484) Instrument Operational Test," was being performed. During the test, it was discovered that a pressure bistable (IPB-0484C) would not change output state despite varying the input about the trip and reset points. This bistable provides a signal to the "B" loop main feedwater isolation valve logic. The channel was placed in the tripped position per Technical Specification 3.3.2, (Table 3.3-3) Action Statement 19. Investigation revealed that a logic card had failed. The logic card was replaced, and the system was returned to operable status per STP-303.006 on October 8, 1982.

#### PROBABLE CONSEQUENCES

There was no adverse consequence as the Action Statement of the applicable Technical Specification was being complied with.

#### CAUSE(S) OF THE OCCURRENCE

The occurrence is attributed to a failed printed circuit logic card.

#### IMMEDIATE CORRECTIVE ACTION TAKEN

The affected bistable was placed in the tripped position as required by Action Statement 19 of Technical Specification 3.3.2. The failed card was replaced, and STP-303.006 was performed satisfactorily. The system was returned to operable status on October 8, 1982.

#### ACTION TAKEN TO PREVENT RECURRENCE

The licensee plans no further action regarding this event since this appears to be an isolated failure.