

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

April 8, 1983

Mr. James P. O'Reilly  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II, Suite 2900  
101 Marietta Street, N.W.  
Atlanta, Georgia 30303

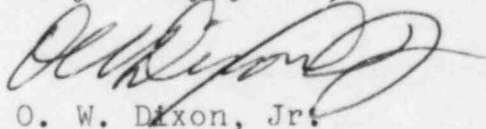
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-023

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-023 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 16 of Technical Specification 3.3.2, Table 3.3-3, Items 2.c and 3.b.2, "Engineered Safety Feature Actuation System Instrumentation," on March 9, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD/dwf  
Attachment

cc: V. C. Summer  
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#### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

On March 9, 1983, with the Plant in Mode 1, the Main Control Board pressure indication for Reactor Building Pressure Channel 950 failed low. The instrumentation channel was declared inoperable at 0300 hours and subsequently placed in the bypassed condition within one (1) hour in compliance with Action Statement 16 of Technical Specification 3.3.2, Table 3.3-3, Items 2.c and 3.b.2.

Similar failures have occurred to this instrumentation channel on December 2, 1982 (LER 82-016) and February 3, 1983 (LER 83-009). All of the failures are attributed to the same component failure. There were no adverse consequences during any of these events since the remaining three (3) channels of Reactor Building Pressure remained operable.

#### CAUSE AND CORRECTIVE ACTIONS

The cause of the events is attributed to an intermittent electronic failure of Reactor Building Pressure Transmitter PT-950. After the channel was placed in the bypassed condition on March 9, 1983, the circuitry returned to normal operation as previously documented in the earlier failures. The channel was returned to operable status at 1000 hours on March 9, 1983, after the completion of a satisfactory surveillance test. The licensee is presently in the process of replacing Reactor Building Pressure Transmitter PT-950 and expects this replacement will prevent a repeat of the previous failures. Since the Plant is presently in an outage, the transmitter replacement is expected to be complete prior to entry into Mode 3.