

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

83 APR 19, 1983  
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Mr. James P. O'Reilly,  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II, Suite 2900  
101 Marietta Street, N.W.  
Atlanta, Georgia 30303

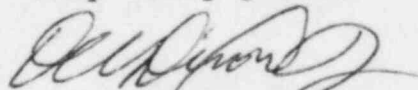
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-012

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-012 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 6 of Technical Specification 3.3.1, "Reactor Trip Instrumentation," Table 3.3-1, Item 14, on February 10, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD:dwf/fjc  
Attachment

cc: V. C. Summer	G. D. Moffatt
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Mr. James P. O'Reilly  
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#### DETAILED DESCRIPTION OF EVENT

On February 10, 1983, at 2030 hours, with the Plant in Mode 1, the flow indicator for Steam Generator "A" Feedwater Flow (FI-477) failed low as compared to redundant channels. The channel was declared inoperable, and the associated bistables were placed in the tripped condition at 2125 hours in accordance with Action Statement 6 of Technical Specification 3.3.1, Table 3.3-1, Item 14.

#### PROBABLE CONSEQUENCES

There were no adverse consequences as a result of this event since the downscale failure of the instrument channel was in the safe direction. A reactor trip would still have occurred with a Steam Generator Water Level Low in coincidence with a Steam Flow/Feedwater Flow mismatch.

#### CAUSE(S) OF THE OCCURRENCE

The cause of this occurrence is attributed to the failure of the power supply circuit board FQY-477. An electronic component failure on this circuit board caused the output to slowly decrease with a constant input.

#### IMMEDIATE CORRECTIVE ACTIONS TAKEN

The instrumentation channel for Steam Generator "A" Feedwater Flow was placed in the tripped condition within one (1) hour in compliance with Action Statement 6 of Technical Specification 3.3.1. The output of power supply circuit board (FQY-477) was found to slowly decrease with a constant input. The circuit board was replaced and the channel returned to operable status on February 11, 1983, upon the satisfactory completion of the appropriate surveillance test procedure.

#### ACTION TAKEN TO PREVENT RECURRENCE

The licensee plans no additional action in regard to this event other than the normal surveillance testing.