

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

April 22, 1983

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USNRC REGION II  
ATTN: Mr. J. C. Miller

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

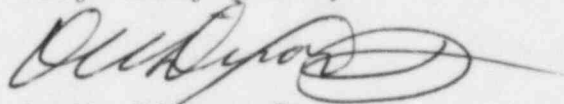
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-030

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-030 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 (a) of Technical Specification 3.3.3.7, "Fire Detection Instrumentation," on March 24, 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

At 1730 hours on March 24, 1983, with the Plant in Mode 5, Reactor Building Fire Detection Zones 000 and PPP were declared inoperable when the power supply breaker was opened. Intermittent trouble alarms were being received from these zones; therefore, the electrical service was isolated to allow maintenance personnel to locate and repair the problem. A fire watch patrol was established within one (1) hour in accordance with Action Statement (a) of Technical Specification 3.3.3.7, and personnel were directed to inspect the containment at least once per eight (8) hours.

There were no adverse consequences from this event since the Plant was in an outage at the time of the occurrence, and the fire watch patrol minimized the possibility of a fire being undetected.

#### CAUSE AND CORRECTIVE ACTIONS

The cause of the trouble alarms was discovered to be a faulty power supply transformer in smoke detector IXA-4964E, which is located in Room 63-01 NW of Zone PPP. The transformer was replaced, and the subject zones were returned to operable status at 1700 hours on March 29, 1983, upon the completion of a satisfactory Operational Test.

The licensee considers the occurrence to be an isolated event and plans no additional actions.