

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

February 9, 1983

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

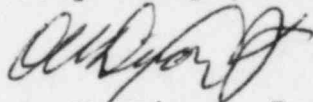
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 83-005

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-005 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 January 12, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD:dwf/fjc
Attachment

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Mr. James P. O'Reilly
LER No. 83-005
Page Two
February 9, 1983

DETAILED DESCRIPTION OF EVENT

On January 12, 1983, at 1440 hours, with the Plant in Mode 1, Fire Detection Zone DDD in the Service Water Pumphouse (Room 41-01) failed to reset during the performance of the operational test identified in Technical Specification Surveillance Requirements 4.3.3.7.1 and 4.3.3.7.2. An hourly fire watch patrol was established within one (1) hour of the occurrence in compliance with Action Statement (a) of Technical Specification 3.3.3.7.

PROBABLE CONSEQUENCES

There were no adverse consequences from this event since the functional portion of the Fire Detection Instrumentation Surveillance Test Procedures is designed to detect system abnormalities upon the conclusion of field testing. The establishment of the hourly fire watch patrol provided assurance that any fire would have been promptly discovered and extinguished.

CAUSE(S) OF THE OCCURRENCE

The cause of the failure to reset was a grounded smoke detector. The detector head had not been properly installed on the detector base after the completion of the previously performed sensitivity test.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

An hourly fire watch patrol was established within one (1) hour of the occurrence. The cause of failure was discovered to be a short to ground on Smoke Detector IXA-4985F. The detector head had not been properly installed on the detector base after the completion of the previously performed sensitivity test. Fire Detector Zone DDD was declared operable on January 19, 1983, at 1100 hours, upon the satisfactory completion of an operational test performed with the appropriate surveillance test procedure.

ACTION TAKEN TO PREVENT RECURRENCE

Test personnel have been cautioned to properly install smoke detector heads so as to prevent future occurrences of a similar nature.