

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

05 SEP 17 All: 14  
September 12, 1985

Dr. J. Nelson Grace  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street, NW  
Atlanta, Georgia 30323

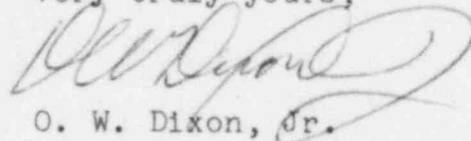
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Special Report (SPR 85-011)

Dear Dr. Grace:

Please find attached a fourteen (14) day Special Report for the Virgil C. Summer Nuclear Station. This report is submitted pursuant to the requirements of Technical Specification 6.9.2 as a result of entry into Action Statement 30 of Technical Specification 3.3.3.1, "Radiation Monitoring Instrumentation," on August 29, 1985.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD/lcd  
Attachment

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Dr. J. Nelson Grace  
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#### EVENT DESCRIPTION AND ACTION TAKEN

On August 29, 1985 with the plant in Mode 1, Radiation Monitor RM-A14, "Reactor Building Purge Exhaust and Supply System Monitor," was declared inoperable due to spurious alarms and indications. The preplanned alternate method of monitoring was subsequently established in accordance with Action Statement 30 of Technical Specification 3.3.3.1.

Maintenance personnel investigating the event were unable to identify the specific cause of the spurious indications previously observed by Operations. All indications were observed to be normal during the troubleshooting of the monitor. As a preventative measure, all connections were cleaned prior to the performance of a channel calibration and operational test. RM-A14 was declared operable on September 4, 1985, on completion of the surveillances.

On September 7, 1985, RM-A14 again experienced spurious indications as previously noted in this report. The monitor was declared inoperable and plans established to implement the alternate method of monitoring if repairs could not be completed within 72 hours.

On September 10, 1985, the component causing the spurious indications was determined to be the Low Range Amplifier Circuit Board. The board was replaced and RM-A14 returned to operable status.

#### CAUSE OF THE INOPERABILITY

The cause of the intermittent problem appears to be an electronic component breakdown on the monitor's low range amplifier circuit board.

#### PLANS FOR RESTORING TO OPERABLE STATUS

The monitor was returned to operable status after the completion of a satisfactory channel calibration at 1440 hours on September 10, 1985.