

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

October 21, 1982

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

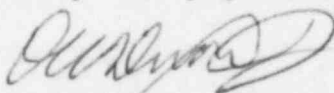
Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 82-006

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #82-006 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 30 of Technical Specification 3.3.3.1, "Radiation Monitoring Instrumentation," on September 22, 1982 and October 11, 1982. The Station experienced problems with four (4) monitors, all of which are attributed to one common cause. Therefore, this report is submitted as a compilation of the affected monitors.

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

Very truly yours,



O. W. Dixon, Jr.

ARK:OWD:dwf  
Attachment

cc: See Page Two

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PDR ADOCK 05000395  
S PDR

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cc: V.C. Summer  
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O.W. Dixon, Jr.  
H.N. Cyrus  
H.T. Babb  
D.A. Nauman  
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#### DETAILED DESCRIPTION OF EVENT

Several High Range Radiation Monitors have experienced problems with moisture accumulation in the connector between the detector and the preamp causing the monitor to fail high. The monitors affected are as follows:

RM-A13 Main Plant Vent (High Range Monitor) which was declared inoperable on September 22, 1982.

RM-A14 Reactor Building Purge Exhaust (High Range Monitor) which was declared inoperable on September 22, 1982.

RM-G19A Main Steam Line Loop A (High Range Monitor) which was declared inoperable on September 22, 1982.

RM-G19B Main Steam Line Loop B (High Range Monitor) which was declared inoperable on October 11, 1982.

#### PROBABLE CONSEQUENCES

There were no adverse resulting consequences. The subject monitors are High Range Accident Monitors, and the Plant had not reached initial criticality, thus eliminating the need for such indication.

#### CAUSE(S) OF THE OCCURRENCE

The cause has been determined to be that moisture is penetrating the seal of the connector.

#### IMMEDIATE CORRECTIVE ACTION

The connectors on all of the subject monitors were cleaned and dried. The detectors were replaced on all of these monitors except RM-G19B. The monitors were then tested and declared operable per applicable Surveillance Test Procedure within their 72 hour allotment.

#### ACTION TAKEN TO PREVENT RECURRENCE

The licensee is currently consulting the equipment supplier to determine if further corrective action is necessary.