

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

April 8, 1983

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

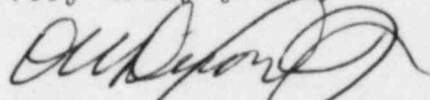
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-024

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-024 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 (b) of Technical Specification 3.3.3.1, "Radiation Monitoring Instrumentation," on March 11, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

HCF:OWD/dwf  
Attachment

cc: V. C. Summer  
T. C. Nichols, Jr.,/O. W. Dixon, Jr.  
E. C. Roberts  
H. N. Cyrus  
Group/General Managers  
O. S. Bradham  
R. B. Clary  
C. A. Price  
A. R. Koon  
D. A. Lavigne  
C. L. Ligon (NSRC)

G. J. Braddick  
J. C. Miller  
J. L. Skolds  
J. B. Knotts, Jr.  
I&E (Washington)  
Document Management  
Branch  
INPO Records Center  
NPCF  
File (Lic./Eng.)

8304130203 830408  
PDR ADOCK 05000395  
S PDR

OFFICIAL COPY  
IE 22

Mr. James P. O'Reilly  
LER No. 83-024  
Page Two  
April 8, 1983

#### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

At 0620 hours on March 11, 1983, with the Plant operating in Mode 1, Main Steamline "C" Radiation Monitor, RM-G19C, experienced spurious alarms with fluctuating meter indications. The monitor was subsequently declared inoperable. Technical Specification 3.3.3.1, "Radiation Monitoring Instrumentation," Item d(ii) requires RM-G19C to be operable. Therefore, action statement (b) of the technical specification was entered.

The potential for adverse consequences as a result of the event was minimized as the Plant has not experienced any primary-to-secondary system leakages.

#### CAUSE AND CORRECTIVE ACTIONS

A maintenance work request was issued to investigate the spurious alarm condition. A calibration check was satisfactorily performed. The monitor was returned to operability at 0700 hours, on March 12, 1983, after the satisfactory completion of the applicable surveillance test. Upon reinstallation of the detector, the monitor still experienced small signal oscillations. An engineering evaluation attributed the spurious alarms to a slack detector cable, which allowed vibration to induce signal oscillations.

The licensee plans to more adequately secure the detector cable to prevent recurrences of this event. This action is expected to be completed by May 1, 1983.