

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

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

April 20, 1983

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APPC REGISTRATION  
MAY 1, 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

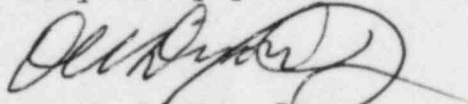
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Thirty Day Written Report  
LER 83-029

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-029 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 3.3.3.9, "Radioactive Gaseous Effluent Monitoring Instrumentation," Table 3.3-13, Item 4(a), on March 20, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

HCF:OWD/dwf/fjc  
Attachment

cc: V. C. Summer  
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Mr. James P. O'Reilly  
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#### DESCRIPTION, CAUSE AND PROBABLE CONSEQUENCES

On March 20, 1983, a Reactor Building purge was initiated per release permit (CP-83-002) at approximately 2235 hours. The Plant was in Mode 5 with both the equipment and personnel hatches open. At approximately 2350 hours, Control Room personnel notified the Count Room that RM-A4, Reactor Building Purge System Radiation Monitor, particulate channel was reading higher than normal. On March 21, 1983, at approximately 0030 hours, the RM-A4 pump and detector were secured to change out the filter. The purge remained in progress. At approximately 0035 hours on March 21, 1983, the RM-A4 pump and detector were returned to service upon completion of the filter change out. The purge was unmonitored for approximately five (5) minutes. Technical Specification 3.3.3.9, "Radioactive Gaseous Effluent Monitoring Instrumentation," Table 3.3-13, Item 4(a), requires RM-A4 to be operable during purging operations.

There was no adverse consequence as a result of the event. A spectroscopic analysis of RM-A4 particulate and iodine filters revealed no detectable radioactivity other than natural background levels from natural radon daughters. The cause of the high reading is attributed to particulate accumulation on the filter. Prior to the CP-83-002 release, the RM-A4 gaseous channel showed a stable 125 cpm. Several hours after the termination of the purge, RM-A4 still showed 125 cpm, thus indicating that essentially no activity was released during the event.

#### CORRECTIVE ACTIONS

A Station Memorandum has been issued to appropriate plant personnel in an effort to increase the awareness level of the required operability of RM-A4 during purge operation per Technical Specification.