

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

February 17, 1983

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

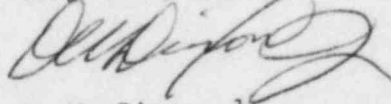
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 83-007

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-007 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 3.3.3.5, "Remote Shutdown Instrumentation," on January 24, 1983.

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

Very truly yours,


O. W. Dixon, Jr.

CJM:OWD:dwf/fjc
Attachment

cc: V. C. Summer
T. C. Nichols, Jr.
E. C. Roberts
O. W. Dixon, Jr.
H. N. Cyrus
H. T. Babb
D. A. Nauman
M. B. Whitaker, Jr.
W. A. Williams, Jr.
O. S. Bradham
R. B. Clary
C. A. Price

A. R. Koon
G. D. Moffatt
Site QA
C. L. Ligon (NSRC)
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DETAILED DESCRIPTION OF EVENT

On January 24, 1983, with the Plant in Mode 1, the NRC Resident Inspector identified a discrepancy of 9% between the Main Control Board and Control Room Evacuation Panel (CREP) indication for Pressurizer Relief Tank Level. The Channel Check performed by the licensee, in compliance with Technical Specification Surveillance Requirement 4.3.3.5, has an established maximum deviation of 4% between the redundant indicators. A Channel Check performed on January 3, 1983, indicated that since the redundant channels were within the 4% allowable deviation, the out-of-tolerance condition occurred after that date.

The CREP indication (LI-470A) was declared inoperable at 1145 hours on January 24, 1983, in accordance with Action Statement (a) of Technical Specification 3.3.3.5.

PROBABLE CONSEQUENCES

There were no adverse consequences from this event. The level indication was functional but drifted high during the period of time between January 3 through 24, 1983.

CAUSE(S) OF THE OCCURRENCE

The cause of the occurrence is attributed to instrument drift.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

A calibration was performed on the Main Control Board and CREP indication channels for Pressurizer Relief Tank Level. Level transmitter LI-470A, which provides indication to the CREP, was found to have a zero shift of approximately 8% in the high direction. The transmitter was calibrated and returned to operable status on January 25, 1983, at 1630 hours, upon the satisfactory completion of a Channel Check performed with the appropriate surveillance test procedure.

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ACTION TAKEN TO PREVENT RECURRENCE

The licensee has initiated the following actions to prevent recurrence:

1. Level transmitter LT-470A is scheduled for replacement during the next scheduled outage in March 1983. The exact time of the equipment replacement is dependent upon the receipt of the new transmitter from the vendor.
2. The monthly Channel Check performed on Pressurizer Relief Tank Level will be accomplished on a weekly basis until the transmitter is replaced. A transmitter calibration will be performed if a deviation of 3% or greater is observed.