

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

March 17, 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

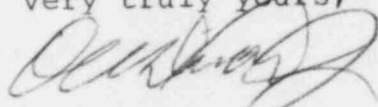
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 83-015

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-015 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 February 19, 1983.

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

Very truly yours,



O. W. Dixon, Jr.

CJM:OWD/dwf
Attachment

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DETAILED DESCRIPTION OF EVENT

On February 19, 1983, with the Plant in Mode 1, a discrepancy of 5% was observed between the Main Control Board (MCB) and Control Room Evacuation Panel (CREP) indication for Pressurizer Relief Tank Level. The Channel Check, which discovered the discrepancy, was being performed in compliance with the increased surveillance frequency identified in Licensee Event Report #83-007, Revision 1. The CREP indication (LI-470A) was declared inoperable 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 low during the period of time between January 25 and February 19, 1983.

CAUSE(S) OF THE OCCURRENCE

The cause of this occurrence is attributed to design error. The recurring zero shift observed on level transmitter LT-470A was due to operation beyond the manufacturer's design specifications for this type transmitter.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

A calibration performed on the CREP indication channel for Pressurizer Relief Tank Level showed that the transmitter (LT-470A) had experienced a zero shift in output. Additional investigation performed by maintenance personnel revealed that the zero shift was occurring because the installed transmitter did not have the correct design parameters (operational range) for the plant application. The transmitter was replaced with a model that had the correct operating range, and the CREP indication channel was returned to operational status on February 24, 1983, upon the completion of an acceptable Channel Check.

ACTION TAKEN TO PREVENT RECURRENCE

The licensee considers the correction to the system design as adequate action to prevent a future recurrence of this problem.