

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

May 2, 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

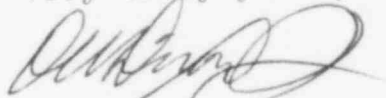
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 83-034

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #83-034 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 3.4.1.4, "Cold Shutdown - Loops Filled," on April 9, 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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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

On April 9, 1983, with the Plant in Mode 5, the motor junction box cover on Residual Heat Removal (RHR) Pump "B" (XPP-31B) was found to have a burned area, which was the apparent result of an electrical short. The pump was declared inoperable at 1007 hours in accordance with Action Statement (a) of Technical Specification 3.4.1.4 until repairs could be performed by maintenance.

There were no adverse consequences from this occurrence since the motor lead was not grounded at the time of the discovery. Additionally, prior to April 9, 1983, the electrical short did not develop sufficient current flow to trip the motor circuit breaker and interrupt the normal operation of RHR Pump "B".

CAUSE AND CORRECTIVE ACTIONS

Minor maintenance, which required the determination of motor leads, was performed on RHR Pump "B" during March 16 to 19, 1983. The "B" phase motor lead apparently rubbed against the junction box cover during subsequent pump operation, and an electrical short to ground developed as a result of insulation failure.

The termination was retaped, and RHR Pump "B" was returned to operable status upon completion of electrical checks and a test run at 1245 hours on April 9, 1983. This occurrence does not appear to be a generic problem, however, the licensee does plan to remove some excess slack in the power cable during the next equipment outage in order to prevent a possible future recurrence.