

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

November 11, 1982

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

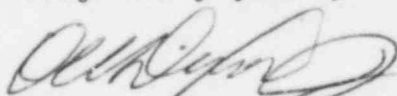
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Thirty Day Written Report
LER 82-022

Dear Mr. O'Reilly:

Please find attached Licensee Event Report #82-022 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 3.6.2.3, "Reactor Building Cooling System," on October 12, 1982.

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

Very truly yours,



O. W. Dixon, Jr.

ARK:OWD:dwf
Attachment

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Mr. James P. O'Reilly
LER No. 82-022
Page Two
November 11, 1982

DETAILED DESCRIPTION OF EVENT

On October 12, 1982, with the Plant operating in Mode 3, the NRC Resident Inspector discovered that the electrical circuit breaker (slow speed) for Reactor Building Cooling Unit Fan XFN-64B was open and in the discharged position. This fan was selected on the Main Control Board to automatically start in the event of an Engineered Safety Features Actuation. The result is that the fan would not have started in slow speed upon receipt of an auto start signal.

PROBABLE CONSEQUENCES

There were no adverse consequences because the remaining selected Reactor Building Cooling Unit Fan was OPERABLE and both trains of Reactor Building Spray were OPERABLE. Also, the fan was returned to OPERABLE status within the seven day requirement of Technical Specification 3.6.2.3, Action Statement (a), in that the last successful surveillance was performed on October 7, 1982. The Plant was in Mode 3 prior to achieving initial criticality.

CAUSE(S) OF THE OCCURRENCE

This event appears to be an isolated case for which the cause has not been determined. The fan functioned properly on October 7, 1982, during performance of surveillance testing (STP-116.001), and no subsequent maintenance had been performed on the fan or the breaker.

IMMEDIATE CORRECTIVE ACTIONS TAKEN

Immediate corrective action was taken to restore the affected breaker to OPERABLE status by recharging the closing spring. Also, an inspection was performed on all 480V safeguard switchgear breakers for similar problems. No additional problems were discovered.

ACTION TAKEN TO PREVENT RECURRENCE

The 480V electrical switchgear alignments contained in applicable System Operating Procedures will be revised to verify that the closing mechanisms are charged and power is available to the recharge motors. This verification will be a sign-off verification. Additionally, a Preventive Maintenance Procedure will be developed to perform a monthly check to ensure that spring motor switches and charging mechanisms are in the OPERABLE position. These actions will be completed by January 30, 1983.