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Virgil C. Summer Nuclear Station

During the spring outage, a modification was made to the Main Turbine Thrust Bearing Wear Detector circuit. During the subsequent startup of the unit, the thrust bearing turbine trip was defeated by opening the proper terminal board link. Startup and power increase continued with actual rotor movement monitored by Instrument and Controls (I&C) and Operations Groups. The thrust bearing wear detector measurement device was normal with the exception of having a Fluke digital multi-meter across the contacts of the pressure switches. The multi-meter was left installed (power off) during testing to save the trouble of installing and removing the meter every time a measurement was made. On the midshift, April 25, 1984, the decision was made to reinstate the thrust bearing wear detector trip because the plant was at 100% power. The technician performing the closure of the link did not adequately review the system status. When the link was closed, the input impedance (with power off) of the meter was seen in the Electro Hydraulic Control as a closed contact which initiated a turbine trip which caused a reactor trip.

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During the trip, the Feedwater Regulating Valves A and B did not automatically close upon Reactor Trip coincident with Low Tavg. Feedwater isolation was accomplished by the automatic closure of the Main Feedwater Isolation Valves. The Feedwater Regulating Valves were subsequently closed remote-manually from the Main Control Board. Inspection of the valves revealed that one (1) of the air bleedoff valves on each valve was improperly adjusted. The valves were re-adjusted and successfully tested to close on an automatic signal.

The cause of this event was personnel error. The technician did not adequately review the system status prior to performing the work. This event was discussed with the individual involved, and the importance of fully understanding a job, no matter how simple, was emphasized. SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764 COLUMBIA, SOUTH CAFOLINA 29218

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

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July 2, 1984

U.S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

> SUBJECT: Virgil C. Summer Nuclear Station Docket No. 50/395 Operating License No. NPF-12 LER 84-025, Revision 1

Dear Sir:

Please find attached Revision 1 to Licensee Event Report #84-025 for the Virgil C. Summer Nuclear Station. The changes are denoted by the bar lines in the right hand margin on pages 1 and 2. This Report was previously submitted on May 25, 1984, in accordance with the requirements of 10 CFR 50.73(a)(2)(iv).

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

Very truly yours, O. W. Dixon Jr.

ARK:RJB:OWD/dwf Attachment

cc: V. C. Summer T. C. Nichols, Jr./O. W. Dixon, Jr. E. H. Crews, Jr. E. C. Roberts W. A. Williams, Jr. D. A. Nauman J. P. O'Reilly Group Managers O. S. Bradham C. A. Price D. A. Lavigne J. F. Heilman C. L. Ligon (NSRC) K. E. Nodland R. A. Stough G. Percival C. W. Hehl J. B. Knotts, Jr. INPO Records Center ANI Library NPCF File

