



LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  Virgil C. Summer Nuclear Station	DOCKET NUMBER (2)  0 5   0   0   0   3   9   5   8   4				LER NUMBER (6)			PAGE (3)	
					YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
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OF 0   2									

TEXT (If more space is required, use additional NRC Form 366A's) (17)

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.

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 CAROLINA 29218

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

July 2, 1984

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

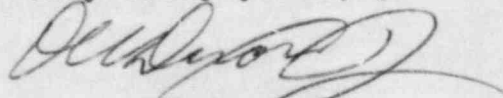
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
LER 84-025, Revision 1

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	J. F. Heilman
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