

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Virgil C. Summer Nuclear Station										DOCKET NUMBER (2) 0 5 0 0 0 3 9 5										PAGE (3) 1 OF 1									
TITLE (4) Reactor Trip																													
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																			
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES					DOCKET NUMBER(S)															
0	4	0	4	8	5	8	5	0	0	8	0	0	0	5	0	3	8	5	0	5	0	0	0						
OPERATING MODE (9)		1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																									
POWER LEVEL (10)		1, 0, 0		20.402(b)				20.405(c)				X				50.73(a)(2)(iv)				73.71(b)									
				20.405(a)(1)(i)				50.36(c)(1)								50.73(a)(2)(v)				73.71(c)									
				20.405(a)(1)(ii)				50.36(c)(2)								50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
				20.405(a)(1)(iii)				50.73(a)(2)(i)								50.73(a)(2)(viii)(A)													
				20.405(a)(1)(iv)				50.73(a)(2)(ii)								50.73(a)(2)(viii)(B)													
				20.405(a)(1)(v)				50.73(a)(2)(iii)								50.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																													
NAME A. R. Koon, Jr., Assoc. Mgr., Regulatory Compliance																		TELEPHONE NUMBER AREA CODE 8 0 3 3 4 5 - 1 5 2 0 1 9											
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs																			
X	E	E	F	U	B	W	1	2	1	Y																			
X	E	E	F	U		W	1	2	1	Y																			
SUPPLEMENTAL REPORT EXPECTED (14)																		EXPECTED SUBMISSION DATE (15)				MONTH DAY YEAR							
YES (If yes, complete EXPECTED SUBMISSION DATE)																		X NO											
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																													
<p>At approximately 2234 hours April 4, 1985, the reactor was manually tripped due to the loss of various secondary plant indications and controls, including those for condensate pump speed and deaerator level. The Reactor Protection System functioned as designed; no safety limits were exceeded, and there were no other adverse consequences due to this event. Due to a previous steam generator tube leak, the trip resulted in an unmonitored release from the Main Steam System relief valves and the Turbine Driven Emergency Feedwater Pump. The release was conservatively determined to be a small fraction of the allowable limits. The cause of this event was the failure of the primary and secondary fuses associated with card frame five in the Process Control Protection Cabinet (XPN-6003). The failure of the fuses was a result of overheating due to oxidation of the fuse holder. The affected fuse holders and fuses were replaced, a reactor trip recovery evaluation performed, and a reactor start-up was completed at 0557 hours, April 5, 1985.</p> <p>Primary and secondary fuse indications on the card frames of the Process Control Protection and Balance of Plant Cabinets are now being checked once per shift. In addition, the Licensee is evaluating the use of a non-oxidizing conductive compound for fuse holders, the use of open type fuse holders which improve heat dissipation, and the loading of card frames against their associated fuse ratings. This additional action will be completed by October 15, 1985.</p>																													
8505090435 850503 PDR ADOCK 05000395 S PDR																													

IE 22

1/1

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 784

COLUMBIA, SOUTH CAROLINA 29218

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

May 3, 1985

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

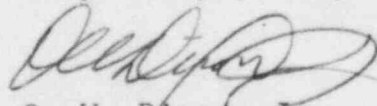
SUBJECT: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
LER 85-008

Dear Sir:

Attached is Licensee Event Report #85-008 for the Virgil C. Summer Nuclear Station. This Report is submitted pursuant to the requirements of 10CFR50.73(a)(2)(iv).

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

Very truly yours,



O. W. Dixon, Jr.

RJB:OSB/lcd  
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. Nelson Grace  
Group Managers  
O. S. Bradham  
C. A. Price  
S. R. Hunt

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

1E22  
1/1