

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Virgil C. Summer Nuclear Station										DOCKET NUMBER (2) 0 5 0 0 0 3 9 5 1 OF 0 2					PAGE (3) 1 OF 0 2								
TITLE (4) Thirty-Six Inch Purge and Exhaust Air Supply Valves Found Open																							
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	3	2	5	8	4	8	4	0	1	5	0	0	0	4	1	0	8	4	0	5	0	0	0
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																					
5		20.402(b)				20.408(e)				80.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)		20.408(a)(1)(i)				80.30(a)(1)				80.73(a)(2)(v)				73.71(e)									
0 1 0 1 0		20.408(a)(1)(ii)				80.30(a)(2)				80.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 308A)									
		20.408(a)(1)(iii)				80.73(a)(2)(i)				80.73(a)(2)(viii)(A)													
		20.408(a)(1)(iv)				80.73(a)(2)(ii)				80.73(a)(2)(viii)(B)													
		20.408(a)(1)(v)				80.73(a)(2)(iii)				80.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME A. R. Koon, Jr., Associate Manager, Regulatory Compliance										TELEPHONE NUMBER 8 1 0 3 3 4 5 1 5 2 1 0 1 9													
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																							
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS														
A	J M			N																			
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE)										NO													

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On March 25, 1984, with the Plant in Mode 5, Operations personnel found all four (4) air supply valves open to the thirty-six inch Reactor Building Purge valves. The air valves are physically incapable of being locked; therefore, they are enclosed in a "lock box": The valves are closed and the "lock box" is locked. On December 9, 1983, the Reactor Building Ventilation System Valve line up was completed per the applicable System Operating Procedure. Because of personnel error, the air valves were not verified to be closed prior to locking the "lock box". A special training session will be conducted with all operators concerning this event to ensure they are aware of valve position requirements when a "lock box" feature is present.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

The thirty-six (36) inch containment purge supply and exhaust isolation valves are required to be closed during plant operation since these valves have not been demonstrated capable of closing during a LOCA or steam line break accident. Maintaining these valves in the closed position during plant operations ensures that excessive quantities of radioactive materials will not be released via the containment purge system. To provide assurance that the thirty-six (36) inch valves cannot be inadvertently opened, the air supply valves are locked in the closed position. The air valves are physically incapable of being locked, so they are enclosed in a "lock box": The valves are closed and the "lock box" is locked.

On December 8, 1983, leak rate testing was performed on the Reactor Building Purge and Exhaust System Main A and B. On December 9, 1983, the Reactor Building Ventilation System Valve line up was completed per the applicable System Operating Procedure. The operator performing the valve line up thought that the locked closed requirements applied to the "lock box." The valves were not verified to be in the closed position.

There were no adverse consequences because of this event. The purge and exhaust valves are verified to be closed every eight (8) hours, and the Radiation Monitor RM-A4, which is associated with the purge and exhaust system, isolates the system on detection of high activity.

The Licensee is scheduling a special training session with all operators concerning this event to ensure they are aware of valve position requirements when a "lock box" feature is present.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

April 10, 1984

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

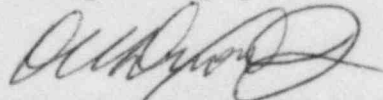
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
LER 84-015

Dear Sir:

Please find attached Licensee Event Report #84-015 for the Virgil C. Summer Nuclear Station. This Report is submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(i).

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

Very truly yours,



O. W. Dixon, Jr.

RJB:OWD/dwf
Attachment

cc: V. C. Summer
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