

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 1										PAGE (3) 1 OF 0 1			
TITLE (4) Liquid Radwaste Computer Program																							
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	1	7	85	85	0	1	2	0	0	0	5	1	7	8	5	0	5	0	0	0		
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																					
POWER LEVEL (10)		20.402(b)				20.405(e)				50.73(a)(2)(iv)				73.71(b)									
1 1 0 1 0		20.405(a)(1)(i)				50.38(e)(1)				50.73(a)(2)(v)				73.71(c)									
		20.405(a)(1)(ii)				50.38(e)(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)(x)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME A. P. Koon, Jr., Assoc., Mgr., Regulatory Compliance																	TELEPHONE NUMBER 8 1 0 1 3 3 1 4 1 5 1 - 1 5 1 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	W	D			N																		
SUPPLEMENTAL REPORT EXPECTED (14)																	EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR		
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)																	<input checked="" type="checkbox"/> NO						

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

On April 17, 1985, Health Physics personnel identified an error in the computer program associated with Liquid Radwaste monitoring. In August 1984, a rewrite of the computer program associated with Liquid Radwaste was made, and due to a personnel error an incorrect correlation factor (1.5 E 9 in lieu of 3.12. E 8) was entered. This error caused the calculated trip setpoints to be nonconservative. Immediate corrective action was taken to enter the correct correlation factor into the program. In addition, an investigation was initiated to verify that no Technical Specification limits for instantaneous release rate had been exceeded. This evaluation should be completed by June 15, 1985.

To preclude recurrence, the Licensee's Nuclear Computer Services Group has developed a program which requires stringent verification and validation of new software. New effluent software has been developed and is presently being verified and validated under the new program and should be implemented by July 1, 1985.

8505290424 850517
PDR ADOCK 05000395
S PDR

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

May 17, 1985

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

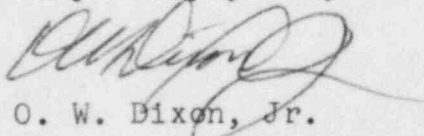
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
LER 85-012

Dear Sir:

Attached is Licensee Event Report #85-012 for the Virgil C. Summer Nuclear Station. This Report is submitted pursuant to the requirements of 10CFR50.73(a)(2)(i).

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

IE22
11