

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Virgil C. Summer Nuclear Station	DOCKET NUMBER (2) 0 5 0 0 0 3 9 5 1	PAGE (3) OF 9 2
---	--	--------------------

TITLE (4)
Separation of Vital Power Cable Trays

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 6	1 8	8 5	8 5	0 1 7	0 0 0	7	2 6	8 5			0 5 0 0 0																																																																																				
<table border="1" style="width:100%"> <tr> <td colspan="12">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)</td> </tr> <tr> <td colspan="3">OPERATING MODE (9) 1</td> <td colspan="2">20.402(b)</td> <td colspan="2">20.405(c)</td> <td colspan="2">50.73(a)(2)(iv)</td> <td colspan="3">73.71(b)</td> </tr> <tr> <td colspan="3">POWER LEVEL (10) 1 0 0</td> <td colspan="2">20.405(a)(1)(i)</td> <td colspan="2">50.36(c)(1)</td> <td colspan="2">50.73(a)(2)(v)</td> <td colspan="3">73.71(c)</td> </tr> <tr> <td colspan="3"></td> <td colspan="2">20.405(a)(1)(ii)</td> <td colspan="2">50.36(c)(2)</td> <td colspan="2">50.73(a)(2)(vii)</td> <td colspan="3">X OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td colspan="3"></td> <td colspan="2">20.405(a)(1)(iii)</td> <td colspan="2">50.73(a)(2)(i)</td> <td colspan="2">50.73(a)(2)(viii)(A)</td> <td colspan="3">10CFR21</td> </tr> <tr> <td colspan="3"></td> <td colspan="2">20.405(a)(1)(iv)</td> <td colspan="2">50.73(a)(2)(ii)</td> <td colspan="2">50.73(a)(2)(viii)(B)</td> <td colspan="3"></td> </tr> <tr> <td colspan="3"></td> <td colspan="2">20.405(a)(1)(v)</td> <td colspan="2">50.73(a)(2)(iii)</td> <td colspan="2">50.73(a)(2)(x)</td> <td colspan="3"></td> </tr> </table>												THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)												OPERATING MODE (9) 1			20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)			POWER LEVEL (10) 1 0 0			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)		X 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)		10CFR21						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)				
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																																																																																															
OPERATING MODE (9) 1			20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)																																																																																						
POWER LEVEL (10) 1 0 0			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)		X 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)		10CFR21																																																																																						
			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. M. Paglia, Manager, Nuclear Licensing	TELEPHONE NUMBER 8 0 3 7 1 4 8 - 3 9 6 1
--	---

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
--	--	-------------------------------	-------	-----	------

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

Special Report 85-006 (Enclosure 1) dated June 18, 1985, identified that an "A" division vital power system tray was not separated from "B" division trays containing cables for redundant function as required by 10 CFR 50 Appendix R.

For immediate corrective action, a one-hour roving fire watch was established, and an evaluation was initiated to determine if a potential substantial safety hazard existed.

The inadequate separation has been evaluated and is considered a substantial safety hazard and is, therefore, reportable under 10 CFR 21. Modifications to meet Appendix R requirements will be completed by March 31, 1986.

8508070069 850726
PDR ADDOCK 05000395
S PDR

JE22
11

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 5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	- 0 1 7	- 0 0	0 2	OF	0 2

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

On June 18, 1985, the Licensee reported in SPR 85-006 (Enclosure 1) that during the course of a re-evaluation of South Carolina Electric and Gas Company's (SCE&G) compliance with 10CFR50, Appendix R, "Fire Protection Program for Nuclear Power Facilities Operating Prior to January 1, 1979," it was identified by SCE&G and Gilbert Commonwealth Inc. (G/C) that an "A" division vital power system tray was not sufficiently separated from "B" division trays containing cables for redundant functions. This omission occurred during the original design review performed by G/C. Appendix R requires one redundant train to be wrapped in a one hour fire barrier where separation is less than twenty feet with fire detection and automatic fire suppression in the area. A one-hour roving fire watch was established for the area, and an evaluation was initiated to determine if a potential substantial safety hazard existed. The 10CFR21 evaluation revealed that a fire which could damage these "A" and "B" division trays would compromise or preclude the use of redundant systems and equipment necessary for operation and safe shutdown.

The fire area has automatic detection and partial area suppression. An exception from providing full area suppression has been previously granted, based upon the low fire loading. The existing protection provides reasonable assurance that a fire would be detected and automatically or manually extinguished in its initial stage before significant damage or propagation occurred. The area is open, well lighted, and easily accessible.

The inadequate separation is considered a substantial safety hazard and is, therefore, reportable under 10CFR21. The Licensee is evaluating the feasibility of wrapping the "A" division Cable Tray throughout the fire area with an approved fire barrier material which has been tested in a one-hour rated configuration. Modifications to meet Appendix R requirements will be completed by March 31, 1986.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 754

COLUMBIA, SOUTH CAROLINA 29218

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

June 18, 1985

Dr. J. Nelson Grace
Regional Administrator
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30323

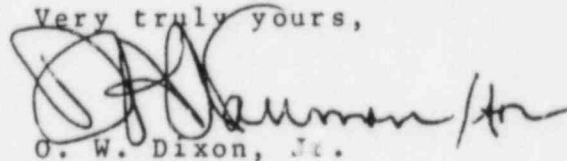
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Special Report (SPR 85-006)

Dear Dr. Grace:

Attached is a Special Report for the Virgil C. Summer Nuclear Station. This Special Report is required by Section 6 of the Technical Specifications.

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

Very truly yours,



O. W. Dixon, Jr.

JAW:OWD/csw
Attachment

cc: V. C. Summer	K. E. Nodland
T. C. Nichols, Jr./O. W. Dixon, Jr.	R. A. Stough
E. H. Crews, Jr.	G. Percival
E. C. Roberts	C. W. Hehl
W. A. Williams, Jr.	J. B. Knotts, Jr.
D. A. Nauman	S. D. Hogge
Group Managers	I&E Washington
O. S. Bradham	Document Management
C. A. Price	Branch
S. R. Hunt	INPO Records Center
J. F. Heilman	ANI Library
C. L. Ligon (NSRC)	NPCF
	File

~~0547120608~~

Dr. J. Nelson Grace
SPR 85-006
June 18, 1985

EVENT DESCRIPTION

During the course of a re-evaluation of South Carolina Electric and Gas Company's (SCE&G) compliance with 10CFR50 Appendix R, "Fire Protection Program for Nuclear Power Facilities Operating Prior to January 1, 1979," it was identified that an "A" division vital power system tray was not separated from "B" division trays containing cables for redundant functions. Appendix R requires one redundant train to be wrapped in a one hour fire barrier where separation is less than twenty feet with fire detection and automatic fire suppression in the area. A fire which could damage these "A" and "B" division trays would compromise or preclude the use of redundant systems and equipment necessary for operation and safe shutdown.

CORRECTIVE ACTION

A one-hour roving fire watch was established for the area. The feasibility of wrapping the "A" division tray involved is being evaluated. Modifications to meet Appendix R requirements will be completed by March 31, 1986.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

July 26, 1985

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

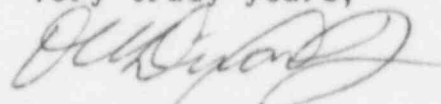
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
LER 85-017
P-21-85-003

Dear Sir:

Attached is Licensee Event Report #85-017 for the Virgil C. Summer Nuclear Station. This LER addresses the recent identification of a design omission relative to Appendix R separation requirements.

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

Very truly yours,



O. W. Dixon, Jr.

HID/OWD:csw
Attachment

cc: V. C. Summer	J. F. Heilman
T. C. Nichols, Jr./O. W. Dixon, Jr.	C. L. Ligon (NSRC)
E. H. Crews, Jr.	K. E. Nodland
E. C. Roberts	R. A. Stough
W. A. Williams, Jr.	G. Percival
D. A. Nauman	C. W. Hehl
J. Nelson Grace	J. B. Knotts, Jr.
Group Managers	S. D. Hogge
O. S. Bradham	INPO Records Center
C. A. Price	ANI Library
S. R. Hunt	NPCF
	File

IE 22
11