

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 0 2
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TITLE (4)
Reactor Building Radiation Monitor Inoperable

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 8	1 5	8 4	8 4	0 3 5	0 0	0 8	2 9	8 4			0 5 0 0 0																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MODE (9) 1</td> <td colspan="10">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)</td> </tr> <tr> <td rowspan="5">POWER LEVEL (10) 0 9 9</td> <td>20.402(b)</td> <td>20.405(c)</td> <td>80.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>20.406(a)(1)(i)</td> <td>80.36(c)(1)</td> <td>80.73(a)(2)(v)</td> <td>73.71(c)</td> </tr> <tr> <td>20.406(a)(1)(ii)</td> <td>80.36(c)(2)</td> <td>80.73(a)(2)(vii)</td> <td rowspan="3">XX OTHER (Specify in Abstract below and in Text, NRC Form 386A) SPECIAL REPORT</td> </tr> <tr> <td>20.406(a)(1)(iii)</td> <td>XX 80.73(a)(2)(ii)</td> <td>80.73(a)(2)(viii)(A)</td> </tr> <tr> <td>20.406(a)(1)(iv)</td> <td>80.73(a)(2)(ii)</td> <td>80.73(a)(2)(viii)(B)</td> </tr> <tr> <td>20.406(a)(1)(v)</td> <td>80.73(a)(2)(iii)</td> <td>80.73(a)(2)(ix)</td> <td></td> </tr> </table>												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) 0 9 9	20.402(b)	20.405(c)	80.73(a)(2)(iv)	73.71(b)	20.406(a)(1)(i)	80.36(c)(1)	80.73(a)(2)(v)	73.71(c)	20.406(a)(1)(ii)	80.36(c)(2)	80.73(a)(2)(vii)	XX OTHER (Specify in Abstract below and in Text, NRC Form 386A) SPECIAL REPORT	20.406(a)(1)(iii)	XX 80.73(a)(2)(ii)	80.73(a)(2)(viii)(A)	20.406(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(viii)(B)	20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(ix)	
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LICENSEE CONTACT FOR THIS LER (12)

NAME A. R. Koon, Assoc. Mgr., Reg. Compliance	TELEPHONE NUMBER AREA CODE 8 0 3 3 4 5 - 5 2 0 9
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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	I	L	M Q N X 9 9 9	N					

SUPPLEMENTAL REPORT EXPECTED (14)

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

MONTH	DAY	YEAR

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

This is a 14-Day Special Report required by Technical Specification Action Statement 3.3.3.1.b., Table 3.3-6, Action 30-2.

On August 15, 1984, with the Plant operating at 99% power, spurious high radiation alarms were experienced with RM-A14, "Reactor Building High Range Atmospheric Purge Monitor." The monitor was declared inoperable. Degraded electrical components were replaced, and the monitor was satisfactorily tested prior to being returned to service on August 23, 1984. Because of personnel error, the Licensee exceeded the 72 hour Technical Specification Action Statement 3.3.3.1.b. without performing the required preplanned alternate method of monitoring. No reactor building purges were in progress, and RM-A4, "Reactor Building Purge Radiation Monitor," remained operable. The event will be discussed with appropriate Operations and Health Physics personnel in order to increase their awareness in this area. No further corrective action is planned.

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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		
		84	035	00	2	OF 02

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

This is a 14-Day Special Report required by Technical Specification Action Statement 3.3.3.1.b., Table 3.3-6, Action 30-2.

On August 15, 1984, with the Plant operating at 99% power, operators received spurious high radiation alarms from RM-A14, "Reactor Building High Range Atmospheric Purge Monitor." The monitor was subsequently declared inoperable, and the Health Physics Department was notified. The Licensee entered Technical Specification Action Statement 3.3.3.1.b., which allowed 72 hours to return the monitor to operable status.

In troubleshooting RM-A14, maintenance personnel identified defective electronic components in the alarm circuitry and defective boards in the detection circuitry. The monitor was repaired and satisfactorily tested prior to being returned to operable status on August 23, 1984.

Because of personnel error, the preplanned alternate method for monitoring the appropriate parameters was not implemented until August 20, 1984. No reactor building purges were in progress during this time. RM-A4, "Reactor Building Purge Radiation Monitor," remained operational during this time.

In an effort to increase personnel awareness, the details of this event will be reviewed with licensed operators and the appropriate Health Physics personnel. This action will be performed by October 1, 1984. The Licensee considers this event to be an isolated case and believes that present programs are effectively implementing Technical Specification requirements. No further corrective action is planned.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

August 29, 1984

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

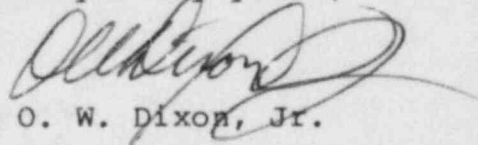
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
LER 84-035

Dear Sir:

Please find attached Licensee Event Report #84-035 for the Virgil C. Summer Nuclear Station. This 14-Day Special Report is submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(i) and also satisfies the reporting requirements of Technical Specification Action Statement 3.3.3.1.b., "Radiation Monitoring Instrumentation."

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

Very truly yours,



O. W. Dixon, Jr.

HCF:OWD/dwf
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
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