

Director, Office of Resource Management
 December Monthly Operating Report
 January 10, 1986

ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 01/15/86
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

MONTH DECEMBER 1985

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1.	<u>-9</u>
2.	<u>-13</u>
3.	<u>-13</u>
4.	<u>-14</u>
5.	<u>-14</u>
6.	<u>-14</u>
7.	<u>-22</u>
8.	<u>-36</u>
9.	<u>-36</u>
10.	<u>-35</u>
11.	<u>-34</u>
12.	<u>-33</u>
13.	<u>-29</u>
14.	<u>-32</u>
15.	<u>-33</u>
16.	<u>-33</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17.	<u>49</u>
18.	<u>257</u>
19.	<u>541</u>
20.	<u>635</u>
21.	<u>633</u>
22.	<u>631</u>
23.	<u>683</u>
24.	<u>802</u>
25.	<u>266</u>
26.	<u>77</u>
27.	<u>449</u>
28.	<u>798</u>
29.	<u>800</u>
30.	<u>833</u>
31.	<u>877</u>

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ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 01/15/86
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: DECEMBER 1985 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 2775
 Max. Depend. Capacity (MWe-Net): 885
 Design Electrical Rating (MWe-Net): 900
3. Power Level to which restricted (If Any)(MWe-Net): N/A
4. Reasons for Restrictions (If Any): N/A

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Was Critical	385.2	6,439.9	11,993.3
6. Reactor Reserve Shutdown Hours	0.0	0	0
7. Hours Generator on Line	320.1	6,274.6	11,640.3
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Energy Generated (MWH)	661,338	16,504,980	29,837,566
10. Gross Electrical Energy Generated (MWH)	212,714	5,498,504	9,930,653
11. Net Electrical Energy Generated (MWH)	190,262	5,230,536	9,422,632
12. Reactor Service Factor	51.8	73.5	68.4
13. Reactor Availability Factor	51.8	73.5	68.4
14. Unit Service Factor	43.0	71.6	66.3
15. Unit Availability Factor	43.0	71.6	66.3
16. Unit Capacity Factor (Using MDC)	28.9	67.5	60.7
17. Unit Capacity Factor (Using Design MWt)	28.9	66.3	59.7
18. Unit Percent Average Rate	7.9	6.1	8.1

19. Shutdowns Scheduled (Type, Date, and Duration of each):
NONE

20. If Shut Down at End of Report Period, Estimated Date of Startup: N/A
21. Units in Test Status (Prior to Commercial Operation):

	<u>FORECAST</u>	<u>ACHIEVED</u>
Initial Criticality	N/A	10-22-82
Initial Electricity	N/A	11-16-82
Commercial Operation	N/A	01-01-84

ATTACHMENT III
 UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 01/15/86
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NO.	DATE	TYPE		DURATION (HOURS)	(1) REASON	METHOD OF (2) SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/ COMMENTS
		F: FORCED	S: SCHEDULED				
12	851005	S		396.5	C	4	12) Refueling
13	851225	F		27.4	A	1	13) Pressurizer Spray Valve Failed Open

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

On December 1, 1985, the Virgil C. Summer Nuclear Station, Unit No. 1 was shutdown for refueling.

On December 14, 1985, at 2330 hours, the reactor was critical.

On December 16, 1985, at 1430 hours, low power physics testing was complete.

On December 17, 1985, at 1227 hours, the generator was placed on line.

On December 25, 1985, at 0830 hours, the reactor was tripped manually from approximately 92% power. A pressurizer spray valve failed open causing a reduction in system pressure. Automatic Safety Injection resulted from low pressurizer pressure. Upon repressurization, the RCS was taken solid resulting in a challenge to the pressurizer power operated relief valves at approximately 2335 psig.

On December 26, 1985, at 0748 hours, the reactor was critical. At 1153 hours, the generator was placed on line.

On December 31, 1985, the plant was operating at approximately 97% power.



South Carolina Electric & Gas Company
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Columbia, SC 29218
(803) 748-3513

Dan A. Nauman
Vice President
Nuclear Operations

January 10, 1986

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
MNBB 7602
Washington, DC 20555

ATTN: Mr. Learned W. Barry

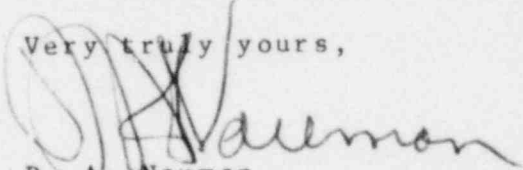
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
December Monthly Operating Report

Dear Mr. Barry:

Please find enclosed the December 1985 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1. This submittal is made in accordance with the requirements of Technical Specification 6.9.1.10.

If there are any questions, please call us at your convenience.

Very truly yours,



D. A. Nauman

RMF:GAL:DAN/lcd
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
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