

Director, Office of Resource Management
 September Monthly Operating Report
 October 5, 1984

ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 10/05/84
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

MONTH SEPTEMBER 1984

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

1.	<u>771</u>
2.	<u>765</u>
3.	<u>764</u>
4.	<u>749</u>
5.	<u>738</u>
6.	<u>720</u>
7.	<u>716</u>
8.	<u>709</u>
9.	<u>695</u>
10.	<u>695</u>
11.	<u>695</u>
12.	<u>685</u>
13.	<u>674</u>
14.	<u>638</u>
15.	<u>658</u>
16.	<u>658</u>

DAY AVERAGE DAILY POWER LEVEL
 (MWe-Net)

17.	<u>651</u>
18.	<u>638</u>
19.	<u>636</u>
20.	<u>630</u>
21.	<u>620</u>
22.	<u>616</u>
23.	<u>603</u>
24.	<u>599</u>
25.	<u>595</u>
26.	<u>572</u>
27.	<u>570</u>
28.	<u>492</u>
29.	<u>-33</u>
30.	<u>-20</u>
31.	<u>N/A</u>

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ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 10/05/84
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: SEPTEMBER 1984 Gross Hours in Reporting Period: 720
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	<u>669.9</u>	<u>5,253.5</u>	<u>5,253.5</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
7. Hours Generator on Line	<u>669.8</u>	<u>5,095.6</u>	<u>5,095.6</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Energy Generated (MWH)	<u>1,405,054</u>	<u>12,876,704</u>	<u>12,876,704</u>
10. Gross Electrical Energy Generated (MWH)	<u>469,450</u>	<u>4,286,339</u>	<u>4,286,339</u>
11. Net Electrical Energy Generated (MWH)	<u>444,922</u>	<u>4,079,454</u>	<u>4,079,454</u>
12. Reactor Service Factor	<u>93.0</u>	<u>79.9</u>	<u>79.9</u>
13. Reactor Availability Factor	<u>93.0</u>	<u>79.9</u>	<u>79.9</u>
14. Unit Service Factor	<u>93.0</u>	<u>77.5</u>	<u>77.5</u>
15. Unit Availability Factor	<u>93.0</u>	<u>77.5</u>	<u>77.5</u>
16. Unit Capacity Factor (Using MDC)	<u>69.8</u>	<u>70.1</u>	<u>70.1</u>
17. Unit Capacity Factor (Using Design MWe)	<u>68.7</u>	<u>68.9</u>	<u>68.9</u>
18. Unit Forced Outage Rate	<u>0.0</u>	<u>11.2</u>	<u>11.2</u>

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

20. If Shut Down at End of Report Period, Estimated Date of Startup: 12/01/84
21. Units in Test Status (Prior to Commercial Operation):

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

ATTACHMENT III
 UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
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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				
11	840928		S	50.2	C	3	11) Refueling Outage

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ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

The Virgil C. Summer Nuclear Station, Unit No. 1, continued power coastdown through September 28, 1984. Power decreased from approximately 85% on September 1 to 66% on September 28.

On September 28, at 2005 hours, power reduction was initiated for the purpose of taking the unit off line. The generator was taken off line at 2150 hours.

On September 28, at 2153 hours, a reactor trip occurred during the power reduction on intermediate range high flux.

On September 29, at 1900 hours, the Plant entered Mode 4.

On September 30, at 0330 hours, the Plant entered Mode 5 and began preparations for initial refueling operations.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

October 5, 1984

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

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
September Monthly Operating Report

Dear Mr. Barry:

Please find enclosed the September 1984 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,



O. W. Dixon, Jr.

CJM:GAL:OWD/lcd
Attachment

cc: V. C. Summer	C. L. Ligon (NSRC)
T. C. Nichols, Jr./O. W. Dixon, Jr.	K. E. Nodland
E. H. Crews, Jr.	R. A. Stough
E. C. Roberts	G. Percival
W. A. Williams, Jr.	C. W. Hehl
H. R. Denton	J. B. Knotts, Jr.
J. P. O'Reilly	INPO Records Center
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