Director, Office of Resource Management
August Monthly Operating Report
September 13, 1984

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	09/10/84
COMPLETED BY	G. A. Loignon
TELEPHONE	(803) 345-5209

MONTH AUGUST 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	862	17.	-6
2.	875	18.	321
3.	880	19.	682
4.	881	20.	595
5.	885	21.	821
6.	888	22.	849
7.	882	23.	848
8.	884	24.	848
9.	885	25.	839
10.	884	26.	838
11.	885	27.	836
12.	883	28.	817
13.	882	29.	802
14.	881	30.	799
15.	882	31.	788
16.	604		

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ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 09/10/84
COMPLETED BY G. A. Loignon
TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: AUGUST 1984 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

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	726.4	4,583.6	4,583.6
6. Reactor Reserve Shutdown Hours	0	0	0
7. Hours Generator on Line	718.4	4,425.8	4,425.8
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Energy Generated (MWH)	1,844,750	11,471,650	11,471,650
10. Gross Electrical Energy Generated (MWH)	614,320	3,816,889	3,816,889
11. Net Electrical Energy Generated (MWH)	587,932	3,634,532	3,634,532
12. Reactor Service Factor	97.6	78.3	78.3
13. Reactor Availability Factor	97.6	78.3	78.3
14. Unit Service Factor	96.6	75.6	75.6
15. Unit Availability Factor	96.6	75.6	75.6
16. Unit Capacity Factor (Using MDC)	89.3	70.1	70.1
17. Unit Capacity Factor (Using Design MWe)	87.8	69.0	69.0
18. Unit Forced Outage Rate	3.4	12.7	12.7

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
    Refueling, September 28, 1984, 60 Days.

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

	FORECAST	ACHIEVED
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 09/10/84
COMPLETED BY G. A. Loignon
TELEPHONE (803) 345-5209

NO.	DATE	TYPE F: FORCED S:SCHEDULED	DURATION (HOURS)	(1) REASON	METHOD OF (2) SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/ COMMENTS
9	840816	F	25.6	A	1	9) Replace insulator in isophase bus duct.
10	840819	F	0.0	A	5	10) Isophase bus duct heating, reduced power, determined condition acceptable, increased power.

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

The Virgil C. Summer Nuclear Station, Unit No. 1, operated at approximately 100% power through August 15, 1984.

About August 12, 1984, the first cycle reached the point where 100% power could not be maintained at normal operating conditions. The RCS temperature was allowed to drop approximately 5 degrees, as required, to maintain 100% power.

On August 16, 1984, power was reduced and the generator taken off line at 1813 hours to allow repairs to the generator isophase bus duct. The plant entered Mode 3 at 1900 hours on the August 16. The Plant entered Mode 2 at 1335 hours and the generator was placed on line at 1951 hours on August 17.

On August 19, 1984, at 0946 hours, power was reduced because of high temperatures in the isophase bus duct. After determining that the temperatures were acceptable, power was increased to approximately 97% on August 21.

Again, Reactor Coolant System (RCS) average temperature was allowed to drop to maintain power at approximately 95%.

On August 24, 1984, RCS average temperature was stabilized and the plant began a power coastdown. By August 31, the reactor power had decreased to 87%.

On August 31, 1984, the plant was continuing power coastdown. Initial refueling outage is scheduled to begin September 28, 1984.

SOUTH CAROLINA ELECTRIC & GAS COMPANY
POST OFFICE 764
COLUMBIA, SOUTH CAROLINA 29218

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

September 13, 1984

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
August Monthly Operating Report

Dear Mr. Barry:

Please find enclosed the August 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
T. C. Nichols, Jr./O. W. Dixon, Jr.
E. H. Crews, Jr.
E. C. Roberts
W. A. Williams, Jr.
H. R. Denton
J. P. O'Reilly
Group Managers
D. A. Nauman
O. S. Bradham
C. A. Price
C. L. Ligon (NSRC)
K. E. Nodland
R. A. Stough
G. Percival
C. W. Hehl
J. B. Knotts, Jr.
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