

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 05/14/83
COMPLETED BY G. A. Loignon
TELEPHONE (803) 345-5209

MONTH APRIL 1984

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1.	-5
2.	-6
3.	-5
4.	-5
5.	-6
6.	-6
7.	-6
8.	-8
9.	-8
10.	-6
11.	-8
12.	-5
13.	-13
14.	-10
15.	-10
16.	-10

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17.	-9
18.	-12
19.	-19
20.	-27
21.	-31
22.	-11
23.	515
24.	878
25.	73
26.	-31
27.	-17
28.	-20
29.	-30
30.	-32
31.	N/A

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ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 05/14/84
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: APRIL 1984 Gross Hours in Reporting Period: 719
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>102.2</u>	<u>2,012.5</u>	<u>9,347.3</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
7. Hours Generator on Line	<u>53.3</u>	<u>1,929.0</u>	<u>8,928.4</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Energy Generated (MWH)	<u>119,028</u>	<u>5,242,015</u>	<u>19,852,550</u>
10. Gross Electrical Energy Generated (MWH)	<u>38,040</u>	<u>1,751,270</u>	<u>6,531,780</u>
11. Net Electrical Energy Generated (MWH)	<u>26,527</u>	<u>1,666,659</u>	<u>6,159,435</u>
12. Reactor Service Factor	<u>14.2</u>	<u>69.3</u>	<u>69.3</u>
13. Reactor Availability Factor	<u>14.2</u>	<u>69.3</u>	<u>69.3</u>
14. Unit Service Factor	<u>7.4</u>	<u>66.4</u>	<u>66.4</u>
15. Unit Availability Factor	<u>7.4</u>	<u>66.4</u>	<u>66.4</u>
16. Unit Capacity Factor (Using MDC)	<u>4.2</u>	<u>64.9</u>	<u>64.9</u>
17. Unit Capacity Factor (Using Design MWe)	<u>4.1</u>	<u>63.8</u>	<u>63.8</u>
18. Unit Forced Outage Rate	<u>72.5</u>	<u>10.9</u>	<u>10.9</u>

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, September 15, 1984, 60 Days.

20. If Shut Down at End of Report Period, Estimated Date of Startup: May 3, 1984
21. Units in Test Status (Prior to Commerical 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 II.A
CHANGES TO ATTACHMENT II FROM PREVIOUS REPORTS

The bases for the following lines have been changed to comply with current instructions; the April report contains the revised information:

- Line 5, Cumulative: hours have been reduced to reflect only those hours since initial electrical power generation. Previously, reports included time from initial criticality to initial power generation.
- Line 7, Year to Date: hours were reduced by 0.6 to correct mathematical error.
Cumulative: hours were reduced by 0.1 to correct mathematical error.
- Line 9, Cumulative: thermal energy was reduced to remove energy produced prior to initial electrical generation and to correct mathematical errors. Previously, reports included time from initial criticality to initial power generation.
- Line 10, Year to Date and Cumulative: gross electrical energy was recalculated based on beginning and end of month meter readings and corrected for mathematical errors. Previous reports utilized daily meter readings.
- Line 11, Year to Date and Cumulative: net electrical energy was recalculated to include negative figures during periods when the generator was offline. Previous reports recorded 0 when the generator was offline.
- Lines 12-18, Year to Date and Cumulative: numbers were changed to reflect the above changes.

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ATTACHMENT III
 UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 05/14/83
 COMPLETED BY G. A. Loignon
 TELEPHONE (803) 345-5209

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	(1) REASON	(2) METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTIONS/ COMMENTS
4	840323	S	525.5	B	4	4) Spring Maintenance Outage continued from previous month.
5	840425	F	140.2	A	3	5) Turbine Trip from Thrust Bearing Wear Detector.

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ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

The Virgil C. Summer Nuclear Station, Unit No. 1, was shut down for a scheduled maintenance outage until April 22, 1984. Major work performed during this outage consisted of reactor coolant pump seal repair, rod drop time test, snubber inspections, and leak rate testing.

On April 18, 1984, a pressure spike occurred in the Reactor Coolant System when a reactor coolant pump was started. The 550 psig spike was less than Technical Specification allowable limits. During the transient condition, pressurizer power operated relief valve (PORV) 444B lifted due to rate sensitivity.

On April 25, 1984, at 0247 hours, a reactor trip occurred from 100% power. The main turbine thrust bearing wear detector was being reconnected after power ascension; when the connection was made, the turbine tripped causing a reactor trip. No thrust bearing wear problem existed. While shut down, the main condenser was examined for leaking tubes, and repairs were made to the condenser. During the subsequent plant startup, the main turbine tripped due to low shaft pump discharge pressure while the turbine was being rolled up to speed; this resulted in a reactor trip from 11% power.

On April 30, 1984, the plant was shut down. Work was underway to start the plant up during the first week of May.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

May 15, 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
April Monthly Operating Report

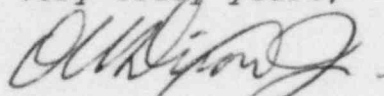
Dear Mr. Barry:

Please find enclosed the April 1984 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1 as required by Technical Specification 6.9.1.10.

Changes to Attachment II from previous reports are explained on Attachment II.A, Page 4.

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

Very truly yours,



O. W. Dixon, Jr.

HCF:GAL:OWD/dwf
Attachment

cc: V. C. Summer
T. C. Nichols, Jr./O. W. Dixon, Jr.
E. H. Crews, Jr.
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