

Director, Office of Resource Management
Monthly Operating Report
Page 2
September 12, 1983

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 09/12/83
COMPLETED BY G. J. Taylor
TELEPHONE (803) 345-5209

MONTH AUGUST 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1.	<u>882</u>
2.	<u>881</u>
3.	<u>882</u>
4.	<u>880</u>
5.	<u>882</u>
6.	<u>883</u>
7.	<u>883</u>
8.	<u>879</u>
9.	<u>880</u>
10.	<u>877</u>
11.	<u>355</u>
12.	<u>0</u>
13.	<u>74</u>
14.	<u>556</u>
15.	<u>880</u>
16.	<u>884</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17.	<u>509</u>
18.	<u>0</u>
19.	<u>434</u>
20.	<u>874</u>
21.	<u>883</u>
22.	<u>877</u>
23.	<u>876</u>
24.	<u>875</u>
25.	<u>876</u>
26.	<u>878</u>
27.	<u>879</u>
28.	<u>878</u>
29.	<u>874</u>
30.	<u>874</u>
31.	<u>871</u>

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ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 09/12/83
COMPLETED BY G. J. Taylor
TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: AUGUST 1983 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 2775
Max. Depend. Capacity (MWe-Net): N/A
Design Electrical Rating (MWe-Net): 900
3. Power Level to which restricted (If Any) (MWe-Net): N/A
4. Reasons for Restrictions (If Any):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. Number of Hours Reactor Was Critical	682.5	4113.1	5419.9
6. Reactor Reserve Shutdown Hours	0	0	0
7. Hours Generator on Line	662.92	4001.4	4762.7
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Energy Generated (MWH)	1,758,090	7,947,062	8,742,935
10. Gross Electrical Energy Generated (MWH)	577,360	2,596,542	2,812,759
11. Net Electrical Energy Generated (MWH)	551,260	2,455,669	2,646,865
12. Reactor Service Factor	N/A	N/A	N/A
13. Reactor Availability Factor	N/A	N/A	N/A
14. Unit Service Factor	N/A	N/A	N/A
15. Unit Availability Factor	N/A	N/A	N/A
16. Unit Capacity Factor (Using MDC)	N/A	N/A	N/A
17. Unit Capacity Factor (Using Design MWe)	N/A	N/A	N/A
18. Unit Forced Outage Rate	N/A	N/A	N/A

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Eddy Current, November 1983, 14 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	10-20-82	10-22-82
Initial Electricity	11-17-82	11-16-82
Commercial Operation		

ATTACHMENT III
 UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 09/12/83
 COMPLETED BY G. J. Taylor
 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
13	830811	F	28.1	A	3	13) Turbine Trip, high vibration.
14	830813	F	9.8	A	3	14) Turbine Trip, O-Ring failure "A" Master Trip Solenoid
15	830817	F	23.7	G	3	15) Main Generator Trip, generator potential transformer drawer opened.

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

Virgil C. Summer Nuclear Station, Unit No. 1, continued operation at power levels up to 100% power during August 1983.

On August 11, 1983, at 1009 hours, the reactor tripped from 100% power due to a turbine trip on high bearing vibration. Apparent cause was a spurious signal.

On August 12, 1983, at 0253 hours, a rapid cooldown from 557°F to 537°F occurred while the reactor was in hot standby. A Main Steam Isolation Valve was closed terminating cooldown. The cause was a broken yoke on the actuator of a steam dump valve. Primary pressure decreased to approximately 2050 psi.

On August 13, 1983, at 0214 hours, the reactor tripped from 34% power due to a turbine trip caused by failure of an O-ring in the "A" Master Trip Solenoid.

On August 17, 1983, at 1407 hours, the reactor tripped from 100% power due to a generator/turbine trip. The cause of the event was an inadvertent opening of a generator potential compartment resulting in an unbalance in the "B" phase.

On August 31, 1983, operation was continuing at approximately 100% power.

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

September 12, 1983

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

ATTN: Mr. Learned W. Barry

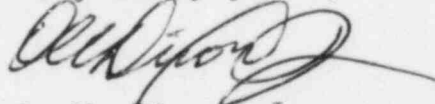
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Monthly Operating Report

Dear Mr. Barry:

Please find enclosed the August 1983 Monthly Operating Report for Virgil C. Summer Nuclear Station Unit No. 1 as required by Technical Specification 6.9.1.10.

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

Very truly yours,



O. W. Dixon, Jr.

GJT:OWD:mac
Attachment

cc: V. C. Summer	A. R. Koon
T. C. Nichols, Jr./O. W. Dixon, Jr.	C. L. Ligon (NSRC)
E. C. Roberts	G. J. Braddick
H. N. Cyrus	J. C. Miller
H. R. Denton	J. L. Skolds
J. P. O'Reilly	J. B. Knotts, Jr.
Group/General Managers	INPO Records Center
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