

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

August 10, 1983

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

ATTN: Mr. Learned W. Barry

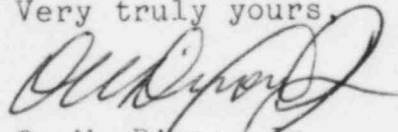
SUBJECT: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
Monthly Operating Report

Dear Mr. Barry:

Please find enclosed the July 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
T. C. Nichols, Jr./O. W. Dixon, Jr.
E. C. Roberts
H. N. Cyrus
H. R. Denton
J. P. O'Reilly
Group/General Managers
O. S. Bradham
R. B. Clary
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A. R. Koon
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G. J. Braddick
J. C. Miller
J. L. Skolds
J. B. Knotts, Jr.
INPO Records Center
NPCF
File (Lic./Eng.)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 08/10/83
COMPLETED BY G. J. Taylor
TELEPHONE (803) 345-5209

MONTH JULY 1983

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1.	<u>868</u>
2.	<u>849</u>
3.	<u>809</u>
4.	<u>0</u>
5.	<u>27</u>
6.	<u>536</u>
7.	<u>844</u>
8.	<u>835</u>
9.	<u>839</u>
10.	<u>839</u>
11.	<u>839</u>
12.	<u>831</u>
13.	<u>865</u>
14.	<u>884</u>
15.	<u>885</u>
16.	<u>877</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17.	<u>871</u>
18.	<u>878</u>
19.	<u>877</u>
20.	<u>872</u>
21.	<u>853</u>
22.	<u>866</u>
23.	<u>867</u>
24.	<u>885</u>
25.	<u>888</u>
26.	<u>886</u>
27.	<u>885</u>
28.	<u>887</u>
29.	<u>882</u>
30.	<u>882</u>
31.	<u>882</u>

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 08/10/83
COMPLETED BY G. J. Taylor
TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: JULY 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):

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Was Critical	<u>708.7</u>	<u>3430.6</u>	<u>4737.4</u>
6. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
7. Hours Generator on Line	<u>704.7</u>	<u>3338.5</u>	<u>4099.8</u>
8. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
9. Gross Thermal Energy Generated (MWH)	<u>1,863,508</u>	<u>6,188,972</u>	<u>6,984,845</u>
10. Gross Electrical Energy Generated (MWH)	<u>620,350</u>	<u>2,019,182</u>	<u>2,235,399</u>
11. Net Electrical Energy Generated (MWH)	<u>595,915</u>	<u>1,904,409</u>	<u>2,095,605</u>
12. Reactor Service Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
13. Reactor Availability Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
14. Unit Service Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
15. Unit Availability Factor	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
16. Unit Capacity Factor (Using MDC)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
17. Unit Capacity Factor (Using Design MWe)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
18. Unit Forced Outage Rate	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Steam Generator Eddy Current, 10/15/83, 10 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):

	<u>FORECAST</u>	<u>ACHIEVED</u>
Initial Criticality	<u>10-20-82</u>	<u>10-22-82</u>
Initial Electricity	<u>11-17-82</u>	<u>11-16-82</u>
Commercial Operation	<u></u>	<u></u>

ATTACHMENT III
 UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	08-10-83
COMPLETED BY	G. J. Taylor
TELEPHONE	(803) 345-5209

NO.	DATE	TYPE	DURATION (HOURS)	(1)	METHOD OF (2)	CORRECTIVE ACTIONS/ COMMENTS
		F: FORCED S: SCHEDULED		REASON	SHUTTING DOWN THE REACTOR OR REDUCING POWER	
12	830703	F	35.3	H	3	12) Lightning surge caused Negative Rate Trip from 95% power.

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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 July 1983.

On July 3, 1983, at 2315 hours, lightning caused a power surge resulting in a negative rate trip from 95% power.

On July 11, 1983, at approximately 0930 hours, a Pressurizer Power Operated Relief Valve (PORV), PCV-445A, actuated twice. Apparent cause was Maintenance performing work on Subcooling Monitor "A", which inadvertently armed the Cold Overpressure Protection System and actuated the PORV. The PORV was isolated by closing its associated block valve while cause was determined. Pressurizer pressure decreased approximately 15 psig at each actuation.

The Nuclear Steam Supply System (NSSS) 100 Hour Acceptance Test, POT-21, was successfully completed on July 28, 1983.

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