

Director, Office of Resource Management
August Monthly Operating Report
September 13, 1985

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	09/13/85
COMPLETED BY	G. A. Loignon
TELEPHONE	(803) 345-5209

MONTH AUGUST 1985

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1.	886
2.	887
3.	888
4.	889
5.	890
6.	890
7.	890
8.	890
9.	889
10.	887
11.	888
12.	887
13.	882
14.	882
15.	886
16.	886

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17.	886
18.	886
19.	885
20.	789
21.	-32
22.	-31
23.	-33
24.	-29
25.	267
26.	832
27.	886
28.	885
29.	887
30.	886
31.	886

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 09/13/85
COMPLETED BY G. A. Loignon
TELEPHONE (803) 345-5209

OPERATING STATUS

1. Reporting Period: AUGUST 1985 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	655.8	5,255.1	10,808.5
6. Reactor Reserve Shutdown Hours	0	0	0
7. Hours Generator on Line	640.2	5,167.1	10,532.8
8. Unit Reserve Shutdown Hours	0	0	0
9. Gross Thermal Energy Generated (MWH)	1,742,390	13,714,125	27,046,711
10. Gross Electrical Energy Generated (MWH)	579,960	4,578,180	9,010,329
11. Net Electrical Energy Generated (MWH)	553,349	4,372,715	8,564,811
12. Reactor Service Factor	88.1	90.1	74.0
13. Reactor Availability Factor	88.1	90.1	74.0
14. Unit Service Factor	86.0	88.6	72.1
15. Unit Availability Factor	86.0	88.6	72.1
16. Unit Capacity Factor (Using MDC)	84.0	84.7	66.2
17. Unit Capacity Factor (Using Design MWe)	82.6	83.3	65.1
18. Unit Forced Outage Rate	14.0	6.2	8.6

19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling Outage presently scheduled for October 4, 1985 (64 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	09/13/85
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	850820	F	93.3	B	3	9) Reactor Trip, Lo RCS Flow
10	850824	F	10.5	H	3	10) Reactor Trip, Lo/Lo Steam Generator Level/Feedwater Isolation on low Temperature and Flow

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

On August 1, 1985 the Virgil C. Summer Nuclear Station, Unit No. 1 was operating at approximately 100% power.

On August 20, 1985 at 2130 hours, the plant tripped from 100% power due to a low Reactor Coolant System flow indication on one loop. Instrument and Control technicians were repairing a flow transmitter and inadvertently caused a transient on the remaining transmitters for that loop.

On August 24, 1985 at 0526 hours, the reactor tripped from approximately 10% power during startup. Conservative Intermediate Range (IR) high flux limits had been set due to the installation of a new IR detector. A high flux trip subsequently occurred during power escalation when the conservative limits were not readjusted.

On August 24, 1985 at 1922 hours, the reactor tripped from 25% power due to a Lo/Lo level in one steam generator. This trip was attributed to feedwater isolation on low feedwater temperature and flow during power ascension. The plant was returned to service on August 25, 1985.

On August 31, 1985 the plant was operating at full power.

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SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE 764

COLUMBIA, SOUTH CAROLINA 29218

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

September 13, 1985

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:

Enclosed is the August 1985 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 at your convenience.

Very truly yours,



O. W. Dixon, Jr.

CJM:GAL:OWD/lcd/csw
Attachment

cc: V. C. Summer
T. C. Nichols, Jr./O. W. Dixon, Jr.
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W. A. Williams, Jr.
H. R. Denton
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Group Managers
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