



April 13, 2000
RC-00-0219

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Director, Office of Resource Management

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
MARCH MONTHLY OPERATING REPORT

Enclosed is the March 2000 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1. This submittal is made in accordance with the requirements of Technical Specifications, Section 6.9.1.10.

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

Very truly yours,



Stephen A. Byrne

SAB/nkk
Attachment

c: G. E. Williams
J. J. Galan (w/o Attachment)
R. J. White
L. A. Reyes
K. R. Cotton
R. M. Fowlkes
NRC Resident Inspector
J. B. Knotts, Jr.

Paulette Ledbetter
INPO Records Center
J&H Marsh & McLennan
William G. Wendland (ANI)
Pat Haught (Westinghouse)
RTS (RR 4100, O-L-99-0350-1)
File (818.03-1)
DMS (RC-00-0219)

NUCLEAR EXCELLENCE - A SUMMER TRADITION!



Stephen A. Byrne
Vice President
Nuclear Operations
803.345.4622

South Carolina Electric & Gas Co
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, South Carolina
29065

803.345.4344
803.345.5209
www.scana.com

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 4/10/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

MARCH 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	977	17.	976
2.	976	18.	974
3.	967	19.	977
4.	875	20.	976
5.	875	21.	975
6.	876	22.	975
7.	875	23.	974
8.	873	24.	975
9.	873	25.	975
10.	870	26.	975
11.	953	27.	975
12.	975	28.	975
13.	975	29.	974
14.	975	30.	975
15.	976	31.	974
16.	976		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 4/10/00
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: March 2000
- Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (Mwt): 2900
- Max. Depend. Capacity (MWe-Net): 966
- Design Electrical Rating (MWe-Net): 972.7
3. Power Level to Which Restricted (If Any) (MWe-Net): N/A
4. Reasons for Restrictions: N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
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5. Number of Hours Reactor Critical	744.0	2184.0	119613.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	2184.0	118021.9
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2101712	6274077	315867384
10. Gross Electrical Energy (MWH)	735330	2194960	106084679
11. Net Electrical Energy Generated (MWH)	707750	2112836	101267680
12. Reactor Service Factor	100.0	100.0	84.0
13. Reactor Availability Factor	100.0	100.0	84.0
14. Unit Service Factor	100.0	100.0	82.9
15. Unit Availability Factor	100.0	100.0	82.9
16. Unit Capacity Factor (Using MDC)	98.5	100.2	79.0
17. Unit Capacity Factor (Design MWe)	97.8	99.5	77.9
18. Unit Forced Outage Rate	0.0	0.0	3.5
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each):	NONE		
20. If Shut Down at End of Report Period, Estimated Date of Startup:	N/A		
21. Units in Test Status (Prior to Commercial Operation):	N/A		

ATTACHMENT III
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 4/10/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

MARCH 2000

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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NONE

- 1.0 REASON
A: Equipment Failure
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and License Examination
F: Administrative
G: Operational Error
H: Other (Explain)

- 2.0 METHOD
1: Manual
2: Manual Scram
3: Automatic Scram
4: Continuation (Use initial Date)
5: Power Reduction (Duration 0.0)
9: Other (Explain)

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 4/10/00
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MARCH 2000

On 3/2/2000 at 21:10, a power reduction from 100% began to support maintenance activities on the "C" Main Feedwater Pump and the "A" Feedwater Booster Pump. Power was maintained at 89% until 3/11/2000 at 03:10 at which time power escalation began. 100% power was achieved at 16:00 hours where it remained for the rest of the month.

MISCELLANEOUS OPERATING STATISTICS THRU March 2000

VIRGIL C. SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (Mwt): 2900
 Max. Depend. Capacity (Mwe-Net): 966
 Design Electrical Rating (Mwe-Net): 972
 Gross Maximum Capacity (Mwe): 1019
 Gross Dependable Capacity (Mwe): 1019

	<u>LIFE</u> <u>OF PLANT</u>	<u>FISCAL YEAR</u> <u>TO DATE</u>	<u>12 MONTH</u> <u>TOTALS</u>	<u>3 MONTH</u> <u>TOTALS</u>
Number of Hours Reactor Critical	126947.8	6601.0	7854.3	2184.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator On Line	125021.3	6601.0	7804.6	2184.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	330477919	19027168	22167429	6274077
Gross Electrical Energy (MWH)	110865189	6637230	7720140	2194960
Net Electrical Energy Generated (MWH)	105760406	6390519	7426858	2112836
Reactor Service Factor	83.4	100.0		
Reactor Availability Factor	83.4	100.0		
Unit Service Factor	82.1	100.0		
Unit Availability Factor	82.1	100.0	88.9	100.0
Unit Capacity Factor (Using MDC)	77.3	101.0	88.2	100.2
Unit Capacity Factor (Design Mwe)	76.1	100.2		
Unit Forced Outage Rate	3.8	0.0	0.7	
Forced Outage Hours	4985.7	0.0	57.9	0.0
Scheduled Outage Hours	22275.0	0.0	921.5	0.0
Equipment Forced Outages			3	0
Equivalent Unit Derated Hours*			363.30	17.80
Equivalent Seasonal Derated Hours*			21.10	0.00
Equivalent Availability Factor*			84.5	99.2

Equivalent Unit Derated Hours* for Month: 17.8

Equivalent Seasonal Derated hours* for Month: 0.0

Equivalent Availability Factor* for Month: 97.6

Equivalent Availability Factor* for 36 months: 90.0

Year-to-Date Equivalent Availability Factor*: 99.2

Equipment Forced Outages per 1000 Critical Hours: 0.382

Equipment Forced Outages Year-to-Date: 0

Total Forced Outages Year-to-Date: 0

* Based on INPO Detailed Descriptions of Overall Performance Indicators and Other Indicators - December 1987

MONTH: MARCH 2000

HOURS GENERATOR ON LINE: 744

UNIT AVAILABILITY FACTOR: 100

V. C. SUMMER, UNIT 1
MONTHLY OUTAGE REPORT FOR MARCH 2000

OUTAGE NO.	START TIME	END TIME	HOURS DURATION	TYPE	REASON FOR OUTAGE	CORRECTIVE ACTION
NONE						