



March 15, 2000
RC-00-0051

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

Attention: Director, Office of Resource Management

Gentlemen:

Stephen A. Byrne
Vice President
Nuclear Operations
803.345.4622

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

Enclosed is the February 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.

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

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

Very truly yours,

Stephen A. Byrne

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SAB/nkk
Attachment

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File (818.03-1)
DMS (RC-00-0051)

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 3/ 6/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 2000

DAY AVERAGE DAILY POWER LEVEL		DAY AVERAGE DAILY POWER LEVEL	
	(MWe-Net)		(MWe-Net)
1.	976	17.	975
2.	976	18.	975
3.	976	19.	977
4.	976	20.	976
5.	976	21.	976
6.	977	22.	976
7.	975	23.	976
8.	975	24.	976
9.	976	25.	976
10.	975	26.	977
11.	976	27.	976
12.	977	28.	976
13.	976	29.	975
14.	977		
15.	975		
16.	976		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 3/ 6/00
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: February 2000
- Gross Hours in Reporting Period: 696
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
	-----	-----	-----
5. Number of Hours Reactor Critical	696.0	1440.0	118869.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	696.0	1440.0	117277.9
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2016709	4172365	313765672
10. Gross Electrical Energy (MWH)	705480	1459630	105349349
11. Net Electrical Energy Generated (MWH)	679230	1405086	100559930
12. Reactor Service Factor	100.0	100.0	83.9
13. Reactor Availability Factor	100.0	100.0	83.9
14. Unit Service Factor	100.0	100.0	82.8
15. Unit Availability Factor	100.0	100.0	82.8
16. Unit Capacity Factor (Using MDC)	101.0	101.0	78.9
17. Unit Capacity Factor (Design MWe)	100.3	100.3	77.8
18. Unit Forced Outage Rate	0.0	0.0	3.5
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each):			
N/A			
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 3/ 6/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 2000

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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)

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ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 3/ 6/00
COMPLETED BY W . H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 2000

V. C. SUMMER STATION OPERATED AT 100% POWER FOR THE ENTIRE MONTH OF
FEBRUARY, 2000.

MISCELLANEOUS OPERATING STATISTICS THRU February 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

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
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Number of Hours Reactor Critical	126203.8	5857.0	7854.3	2184.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	124277.3	5857.0	7804.6	2184.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	328376207	16925456	22161738	6327271
Gross Electrical Energy (MWH)	110129859	5901900	7711410	2213310
Net Electrical Energy Generated (MWH)	105052656	5682769	7419024	2132156
Reactor Service Factor	83.3	100.0		
Reactor Availability Factor	83.3	100.0		
Unit Service Factor	82.0	100.0		
Unit Availability Factor	82.0	100.0	88.9	100.0
Unit Capacity Factor (Using MDC)	77.2	101.4	88.2	101.5
Unit Capacity Factor (Design MWe)	76.0	100.5		
Unit Forced Outage Rate	3.9	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*			366.30	0.40
Equivalent Seasonal Derated Hours*			21.10	0.00
Equivalent Availability Factor*			84.4	100.0
Equivalent Unit Derated Hours* for Month:	0.0			
Equivalent Seasonal Derated Hours* for Month:	0.0			
Equivalent Availability Factor* for Month:	100.0			
Equivalent Availability Factor* for 36 months:	90.0			
Year-to-Date Equivalent Availability Factor*:	100.0			
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: FEBRUARY 2000

HOURS GENERATOR ON LINE: 696

UNIT AVAILABILITY FACTOR: 100

V. C. SUMMER, UNIT 1

MONTHLY OUTAGE REPORT FOR FEBRUARY 2000

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