



October 12, 2000
RC-00-0324

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
SEPTEMBER MONTHLY OPERATING REPORT

Enclosed is the September 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.

South Carolina Electric & Gas Co.
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, South Carolina
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803.345.5209
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Very truly yours,

Stephen A. Byrne

SAB/nkk
Attachment

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DMS (RC-00-0324)

NUCLEAR EXCELLENCE - A SUMMER TRADITION!

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 10/ 6/2000
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

SEPTEMBER 2000

DAY AVERAGE DAILY POWER LEVEL	DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)	(MWe-Net)
1. 954	17. 949
2. 954	18. 940
3. 954	19. 938
4. 954	20. 932
5. 953	21. 923
6. 955	22. 917
7. 955	23. 908
8. 957	24. 902
9. 956	25. 896
10. 956	26. 889
11. 955	27. 884
12. 955	28. 879
13. 955	29. 870
14. 955	30. 863
15. 954	
16. 953	

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 10/ 6/2000
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: September 2000
 Gross Hours in Reporting Period: 720
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	720.0	6575.0	124004.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	720.0	6543.7	122381.6
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2028793	18748268	328341575
10. Gross Electrical Energy (MWH)	699590	6494560	110384279
11. Net Electrical Energy Generated (MWH)	671159	6239298	105394142
12. Reactor Service Factor	100.0	100.0	84.5
13. Reactor Availability Factor	100.0	100.0	84.5
14. Unit Service Factor	100.0	99.5	83.3
15. Unit Availability Factor	100.0	99.5	83.3
16. Unit Capacity Factor (Using MDC)	96.5	98.2	79.7
17. Unit Capacity Factor (Design MWe)	95.8	97.5	78.5
18. Unit Forced Outage Rate	0.0	0.5	3.4
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): REFUELING OUTAGE, OCTOBER 6, 2000 38 DAYS			
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
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DATE 10/ 6/2000
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

SEPTEMBER 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

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TELEPHONE (803) 345-4389

SEPTEMBER 2000

V.C.SUMMER STATION OPERATED AT 100% POWER UNTIL APPROXIMATELY 19:00 ON THE 16th AT WHICH TIME THE END OF CYCLE 12 FUEL COAST DOWN BEGAN. POWER WAS GRADUALLY REDUCED FOR THE REMAINDER OF THE MONTH. POWER HAD BEEN REDUCED TO 88% BY THE END OF THE DAY ON THE 30th.

MISCELLANEOUS OPERATING STATISTICS THRU September 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): 1009

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
Number of Hours Reactor Critical	131338.8	2208.0	8784.0	2208.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	129381.0	2208.0	8752.7	2208.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	342952110	6339490	25104966	6339490
Gross Electrical Energy (MWH)	115164789	2175860	8714220	2175860
Net Electrical Energy Generated (MWH)	109886868	2088329	8377411	2088329
Reactor Service Factor	83.8	100.0		
Reactor Availability Factor	83.8	100.0		
Unit Service Factor	82.6	100.0		
Unit Availability Factor	82.6	100.0	99.6	100.0
Unit Capacity Factor (Using MDC)	78.0	97.9	99.0	97.9
Unit Capacity Factor (Design MWe)	76.8	97.2		
Unit Forced Outage Rate	3.7	0.0	0.4	
Forced Outage Hours	5017.0	0.0	31.3	0.0
Scheduled Outage Hours	22275.0	0.0	0.0	0.0
Equipment Forced Outages:			1	0
Equivalent Unit Derated Hours*			217.00	115.00
Equivalent Seasonal Derated Hours*			21.38	16.35
Equivalent Availability Factor*			96.9	94.1
Equivalent Unit Derated Hours* for Month:	0.0			
Equivalent Seasonal Derated Hours* for Month:	4.4			
Equivalent Availability Factor* for Month:	99.4			
Equivalent Availability Factor* for 36 months:	92.5			
Year-to-Date Equivalent Availability Factor*:	96.2			
Equipment Forced Outages per 1000 Critical Hours:	0.114			
Equipment Forced Outages Year-to-Date:	1			
Total Forced Outages Year-to-Date:	1			

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

MONTH: SEPTEMBER 2000

HOURS GENERATOR ON LINE: 720

UNIT AVAILABILITY FACTOR: 100

V. C. SUMMER, UNIT 1

MONTHLY OUTAGE REPORT FOR SEPTEMBER 2000

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