



February 11, 2000
RC-00-0032

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

Attention: Director, Office of Resource Management

Gary J. Taylor
Vice President
Nuclear Operations

Gentlemen:

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

Enclosed is the January 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
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Very truly yours,



Gary J. Taylor

GJT/nkk
Attachment

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 2/4/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JANUARY 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

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

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 2/4/00
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: January 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

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Critical	744.0	744.0	118173.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator On Line	744.0	744.0	116581.9
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2155656	2155656	311748963
10. Gross Electrical Energy (MWH)	754150	754150	104643869
11. Net Electrical Energy Generated (MWH)	725856	725856	99880700
12. Reactor Service Factor	100.0	100.0	83.8
13. Reactor Availability Factor	100.0	100.0	83.8
14. Unit Service Factor	100.0	100.0	82.7
15. Unit Availability Factor	100.0	100.0	82.7
16. Unit Capacity Factor (Using MDC)	101.0	101.0	78.8
17. Unit Capacity Factor (Design Mwe)	100.3	100.3	77.6
18. Unit Forced Outage Rate	0.0	0.0	3.6
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 2/4/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JANUARY 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	2/4/00
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

JANUARY 2000

V. C. Summer Station operated at 100% power for the entire month of January, 2000.

MISCELLANEOUS OPERATING STATISTICS THRU January 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	125507.8	5161.0	7830.3	2208.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator On Line	123581.3	5161.0	7780.6	2208.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	326359498	14908747	22091641	6396659
Gross Electrical Energy (MWH)	109424379	5196420	7679450	2237180
Net Electrical Energy Generated (MWH)	104373426	5003539	8102160	2863969
Reactor Service Factor	83.2	100.0		
Reactor Availability Factor	83.2	100.0		
Unit Service Factor	81.9	100.0		
Unit Availability Factor	81.9	100.0	88.8	100.0
Unit Capacity Factor (Using MDC)	77.0	101.4	88.3	101.6
Unit Capacity Factor (Design Mwe)	75.9	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: 0.383

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: JANUARY 2000

HOURS GENERATOR ON LINE: 744

UNIT AVAILABILITY FACTOR: 100

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

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