



March 11, 1999
RC-99-0050

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
FEBRUARY MONTHLY OPERATING REPORT

Enclosed is the February 1999 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,

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 3/ 8/99
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 1999

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	965	17.	968
2.	966	18.	967
3.	966	19.	967
4.	966	20.	967
5.	965	21.	966
6.	966	22.	965
7.	967	23.	966
8.	967	24.	965
9.	967	25.	966
10.	966	26.	967
11.	967	27.	967
12.	967	28.	967
13.	965		
14.	967		
15.	967		
16.	969		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 3/ 8/99
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: February 1999
 Gross Hours in Reporting Period: 672
2. Currently Authorized Power Level (MWt): 2900
 Max. Depend. Capacity (MWe-Net): 954
 Design Electrical Rating (MWe-Net): 963
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	672.0	1416.0	111014.7
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	672.0	1416.0	109473.3
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1946612	4086667	291603934
10. Gross Electrical Energy (MWH)	673520	1413210	97637939
11. Net Electrical Energy Generated (MWH)	649388	1362366	93140906
12. Reactor Service Factor	100.0	100.0	83.5
13. Reactor Availability Factor	100.0	100.0	83.5
14. Unit Service Factor	100.0	100.0	82.4
15. Unit Availability Factor	100.0	100.0	82.4
16. Unit Capacity Factor (Using MDC)	101.3	100.9	78.2
17. Unit Capacity Factor (Design MWe)	100.4	100.0	77.0
18. Unit Forced Outage Rate	0.0	0.0	3.7
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): 11th Refueling, April 2, 1999, 30 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
UNIT V. C. SUMMER I
DATE 3/ 8/99
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 1999

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	3/ 8/99
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

FEBRUARY 1999

V.C.SUMMER STATION OPERATED AT 100% POWER FOR THE ENTIRE MONTH OF
FEBRUARY, 1999.

MISCELLANEOUS OPERATING STATISTICS THRU February 1999

VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (MWt): 2900
 Max. Depend. Capacity (MWe-Net): 954
 Design Electrical Rating (MWe-Net): 963
 Gross Maximum Capacity (MWe): 1001
 Gross Dependable Capacity (MWe): 1001

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
Number of Hours Reactor Critical	118349.5	5833.0	8760.0	2160.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	116472.7	5833.0	8760.0	2160.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	306214469	16645192	25089046	6188467
Gross Electrical Energy (MWH)	102418449	5726030	8639910	2137960
Net Electrical Energy Generated (MWH)	97633632	5510226	8316349	2059411
Reactor Service Factor	82.9	100.0		
Reactor Availability Factor	82.9	100.0		
Unit Service Factor	81.6	100.0		
Unit Availability Factor	81.6	100.0	100.0	100.0
Unit Capacity Factor (Using MDC)	76.4	99.1	99.5	100.0
Unit Capacity Factor (Design MWe)	75.2	98.2		
Unit Forced Outage Rate	4.1	0.0	0.0	
Forced Outage Hours	4927.8	0.0	0.0	0.0
Scheduled Outage Hours	21353.5	0.0	0.0	0.0
Equipment Forced Outages:			0	0
Equivalent Unit Derated Hours*			108.35	26.20
Equivalent Seasonal Derated Hours*			21.50	0.00
Equivalent Availability Factor*			98.5	98.8
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:	91.8			
Year-to-Date Equivalent Availability Factor*:	99.6			
Equipment Forced Outages per 1000 Critical Hours:	0.000			
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