



August 11, 2000
RC-00-0282

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
JULY MONTHLY OPERATING REPORT

Enclosed is the July 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.

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Very truly yours,

Stephen A. Byrne

SAB/nkk
Attachment

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File (818.03-1)
DMS (RC-00-0282)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 8/ 2/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JULY 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	958	17.	951
2.	958	18.	952
3.	959	19.	953
4.	958	20.	951
5.	957	21.	950
6.	955	22.	952
7.	955	23.	952
8.	954	24.	953
9.	954	25.	953
10.	955	26.	954
11.	954	27.	955
12.	951	28.	954
13.	951	29.	954
14.	952	30.	955
15.	952	31.	954
16.	952		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 8/ 2/00
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: July 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
	-----	-----	-----
5. Number of Hours Reactor Critical	744.0	5111.0	122540.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	5079.7	120917.6
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2155743	14564521	324157828
10. Gross Electrical Energy (MWH)	739090	5057790	108947509
11. Net Electrical Energy Generated (MWH)	709564	4860533	104015377
12. Reactor Service Factor	100.0	100.0	84.3
13. Reactor Availability Factor	100.0	100.0	84.3
14. Unit Service Factor	100.0	99.4	83.2
15. Unit Availability Factor	100.0	99.4	83.2
16. Unit Capacity Factor (Using MDC)	98.7	98.4	79.5
17. Unit Capacity Factor (Design MWe)	98.0	97.8	78.3
18. Unit Forced Outage Rate	0.0	0.6	3.5

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 8/ 2/00
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TELEPHONE (803) 345-4389

JULY 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
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COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

JULY 2000

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

MISCELLANEOUS OPERATING STATISTICS THRU July 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): 1007

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
	-----	-----	-----	-----
Number of Hours Reactor Critical	129874.8	744.0	8784.0	2208.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	127917.0	744.0	8752.7	2176.7
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	338768363	2155743	25161971	6247309
Gross Electrical Energy (MWH)	113728019	739090	8749890	2150830
Net Electrical Energy Generated (MWH)	108508103	709564	8416052	2063629
Reactor Service Factor	83.7	100.0		
Reactor Availability Factor	83.7	100.0		
Unit Service Factor	82.4	100.0		
Unit Availability Factor	82.4	100.0	99.6	98.6
Unit Capacity Factor (Using MDC)	77.7	98.7	99.7	96.7
Unit Capacity Factor (Design MWe)	76.6	98.0		
Unit Forced Outage Rate	3.8	0.0	0.4	
Forced Outage Hours	5017.0	0.0	31.3	31.3
Scheduled Outage Hours	22275.0	0.0	0.0	0.0
Equipment Forced Outages:			1	1
Equivalent Unit Derated Hours*			102.90	53.10
Equivalent Seasonal Derated Hours*			21.38	8.03
Equivalent Availability Factor*			98.2	95.8
Equivalent Unit Derated Hours* for Month:	0.0			
Equivalent Seasonal Derated Hours* for Month:	4.5			
Equivalent Availability Factor* for Month:	99.4			
Equivalent Availability Factor* for 36 months:	92.2			
Year-to-Date Equivalent Availability Factor*:	97.5			
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

