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August 5, 2003

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

Attention: Director, Office of Resource Management

Ladies and Gentlemen:

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

Enclosed is the July 2003 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,

Stephen A. Byrne

SAB/mbb  
Attachment

c: G. H. Halnon  
T. G. Eppink (w/o Attachment)  
R. J. White  
L. A. Reyes  
K. R. Cotton  
T. D. Gatlin  
NRC Resident Inspector  
K. M. Sutton  
Paulette Ledbetter

INPO Records Center  
J&H Marsh & McLennan  
William G. Wendland (ANI)  
Pat Haught (Westinghouse)  
C. W. Adams  
NSRC  
RTS (0-L-99-0350-1)  
File (818.03-1, RR 4100)  
DMS (RC-03-0162)

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ATTACHMENT I  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE August 1, 2003  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

July 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	977	17	972
2	977	18	973
3	977	19	973
4	976	20	973
5	978	21	973
6	975	22	973
7	975	23	974
8	975	24	973
9	974	25	973
10	975	26	974
11	975	27	974
12	974	28	973
13	974	29	972
14	974	30	971
15	974	31	972
16	974		

ATTACHMENT II  
 OPERATING DATA REPORT

DOCKET NO. 50/395  
 UNIT V. C. SUMMER I  
 DATE August 1, 2003  
 COMPLETED BY W. H. BELL  
 TELEPHONE (803) 345-4389

OPERATING  
 STATUS

1	Reporting Period:	July 2003
	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	5018.7	144168.0
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	744.0	5012.5	142282.9
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	2155601	14493547	385323328
10	Gross Electrical Energy (MWH)	753990	5098590	130324479
11	Net Electrical Energy Generated (MWH)	724695	4900536	124551235
12	Reactor Service Factor	100.0	98.7	84.0
13	Reactor Availability Factor	100.0	98.7	84.0
14	Unit Service Factor	100.0	98.5	82.9
15	Unit Availability Factor	100.0	98.5	82.9
16	Unit Capacity Factor (Using MDC)	100.8	99.7	79.8
17	Unit Capacity Factor (Using Design)	100.1	99.0	78.7
18	Unit Forced Outage Rate	0.0	1.5	3.1
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refueling Outage, October 11, 2003, 36 Days			
20	If Shutdown 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 REDUCTION

DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE August 1, 2003  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389

July 2003

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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N/A

- 1 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 METHOD  
1: Manual  
2: Manual Trip/Scram  
3: Automatic Trip/Scram  
4: Continuation (Use Initial Date)  
5: Power Reduction (Duration 0.0)  
9: Other (Explain)

SUMMARY:

**ATTACHMENT IV  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE**

**DOCKET NO. 50/395  
UNIT V. C. SUMMER I  
DATE August 1, 2003  
COMPLETED BY W. H. BELL  
TELEPHONE (803) 345-4389**

**July 2003**

**V. C. Summer Station operated at 100% power for the entire month of July, 2003.**