

Stephen A. Byrne
Senior Vice President, Nuclear Operations
803.345.4622



December 8, 2003

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

Attention: Director, Office of Resource Management

Dear Sir / Madam:

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

Enclosed is the November 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: J. B. Archie
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
W. R. Higgins

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-03-0245)

ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE December 3, 2003
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

November 2003

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	60
11	0	27	352
12	0	28	685
13	0	29	950
14	0	30	981
15	0		
16	0		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	December 3, 2003
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING
 STATUS

1	Reporting Period:	November 2003
	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	185.8	6911.2	146060.5
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	104.3	6821.0	144091.4
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	231550	19631092	390460872
10	Gross Electrical Energy (MWH)	76690	6889620	132115509
11	Net Electrical Energy Generated (MWH)	72649	6620422	126271121
12	Reactor Service Factor	25.8	86.2	83.7
13	Reactor Availability Factor	25.8	86.2	83.7
14	Unit Service Factor	14.5	85.1	82.5
15	Unit Availability Factor	14.5	85.1	82.5
16	Unit Capacity Factor (Using MDC)	10.4	85.5	79.4
17	Unit Capacity Factor (Using Design)	10.4	84.9	78.4
18	Unit Forced Outage Rate	0.0	1.1	3.0
19	Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each):	None		
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 December 3, 2003
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TELEPHONE (803) 345-4389

November 2003

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
2	10/11/2003	S	602.8	C	1	Complete Refueling

- 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

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TELEPHONE	(803) 345-4389

November 2003

At the beginning of the month the plant was shut down for the scheduled 14th refueling outage. Mode 2 was entered at 04:18 on 11/23/03 and the reactor became critical for the first time in Cycle 15 at 06:11. The main generator breaker was closed on 11/26/03 at 02:45, however the main turbine was manually tripped due to high vibration at 02:52. The breaker was closed at 10:11 followed by another manual turbine trip that was once again due to high vibration. The breaker was closed later the same day at 16:22 and the plant has been on line since that time. 100% power was achieved at 22:53 on 11/29/03 where it remained for the rest of the month.