

Stephen A. Byrne
Senior Vice President, Nuclear Operations
803.345.4622



May 12, 2004

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
APRIL MONTHLY OPERATING REPORT

Enclosed is the April 2004 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-04-0084)

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ATTACHMENT I
 AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE May 7, 2004
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

April 2004

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	0	17	986
2	0	18	987
3	0	19	986
4	0	20	986
5	0	21	986
6	0	22	986
7	0	23	986
8	0	24	986
9	0	25	986
10	0	26	986
11	0	27	987
12	616	28	987
13	984	29	987
14	985	30	987
15	985		
16	987		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	May 7, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING
 STATUS

1	Reporting Period:	April 2004
	Gross Hours in Reporting Period:	719
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	473.5	2625.2	149429.7
6	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7	Hours Generator On Line	458.6	2610.3	147445.7
8	Unit Reserve Shutdown Hours	0.0	0.0	0.0
9	Gross Thermal Energy Generated (MWH)	1297375	7531466	400147521
10	Gross Electrical Energy (MWH)	459230	2665200	135542059
11	Net Electrical Energy Generated (MWH)	440737	2560914	129563707
12	Reactor Service Factor	65.9	90.4	83.8
13	Reactor Availability Factor	65.9	90.4	83.8
14	Unit Service Factor	63.8	89.9	82.7
15	Unit Availability Factor	63.8	89.9	82.7
16	Unit Capacity Factor (Using MDC)	63.5	91.3	79.8
17	Unit Capacity Factor (Using Design)	63.0	90.7	78.7
18	Unit Forced Outage Rate	34.9	9.6	3.2
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 May 7, 2004
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

April 2004

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
1	4/1/2004	F	260.4	A	3	Repair C Reactor Coolant Pump seal injection line.

- 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	May 7, 2004
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

April 2004

V. C. Summer Station began the month shutdown to support repairs to the C Reactor Coolant Pump seal injection line. On April 11th the repairs were completed and at 06:30 the reactor became critical. At 21:24 the main generator breaker was closed. 100% power was reached on April 12th at 18:36 where it remained for the rest of the month.