

Stephen A. Byrne
Senior Vice President, Nuclear Operations
803.345.4622



March 13, 2002

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 2002 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,

A handwritten signature in black ink, appearing to read "S.A. Byrne", is written over a light background.

Stephen A. Byrne

SAB/nkk
Attachment

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

Paulette Ledbetter
INPO Records Center
J&H Marsh & McLennan
William G. Wendland (ANI)
Pat Haught (Westinghouse)
RTS (0-L-99-0350-1)
File (818.03-1, RR 4100)
DMS (RC-02-0033)

IE24

ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 03/01/2002
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 2002

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	982	17.	980
2.	962	18.	979
3.	979	19.	979
4.	981	20.	981
5.	978	21.	980
6.	980	22.	980
7.	979	23.	979
8.	980	24.	980
9.	980	25.	980
10.	980	26.	980
11.	980	27.	980
12.	980	28.	979
13.	980		
14.	980		
15.	980		
16.	981		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 03/01/2002
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: February 2002
 Gross Hours in Reporting Period: 672
 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

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Critical	672.0	1416.0	132865.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	672.0	1416.0	131040.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	1945476	4100467	352986876
10. Gross Electrical Energy (MWH)	683410	1440400	118989149
11. Net Electrical Energy Generated (MWH)	658069	1387072	113658253
12. Reactor Service Factor	100.0	100.0	83.4
13. Reactor Availability Factor	100.0	100.0	83.4
14. Unit Service Factor	100.0	100.0	82.3
15. Unit Availability Factor	100.0	100.0	82.3
16. Unit Capacity Factor (Using MDC)	101.4	101.4	78.9
17. Unit Capacity Factor (Design MWe)	100.7	100.7	77.8
18. Unit Forced Outage Rate	0.0	0.0	3.3
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each):			
13th Refueling Outage - April 20, 2002 - 32 Day Duration			
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	03/01/2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

FEBRUARY 2002

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
-----	------	------	----------	--------	--------	----------------------------

N/A

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	03/01/2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

FEBRUARY 2002

On 02/02/02 at 02:26 a reduction to 98% power was initiated to support repairs to ILT03763A, 1A feedwater heater level transmitter. 98% power was achieved and maintained until repairs were completed at 20:28 at which time power escalation began. 100% power was restored at 23:55.

On 02/18/02 at 20:55 a turbine load reduction was initiated to support a reduction to 98% power due to low air pressure on MSIVs A and C. At 21:02 C MSIV pressure returned to the normal range and the load reduction was terminated. At 21:29 A MSIV pressure also returned to normal. On 02/19/02 at 02:20 a return to full power began. At 02:45 power was stabilized at 100%. V. C. Summer Station operated at 100% power at all other times during the month.