



January 11, 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
DECEMBER MONTHLY OPERATING REPORT

Enclosed is the December 2001 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 "Stephen A. Byrne". The signature is stylized with a large, flowing "S" and "B".

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-02-0005)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	01/09/2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

DECEMBER 2001

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	978	17.	979
2.	979	18.	979
3.	978	19.	978
4.	978	20.	979
5.	978	21.	979
6.	978	22.	980
7.	975	23.	980
8.	965	24.	980
9.	968	25.	980
10.	977	26.	980
11.	977	27.	980
12.	977	28.	980
13.	978	29.	980
14.	978	30.	980
15.	978	31.	979
16.	977		

ATTACHMENT II OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	01/09/2002
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING STATUS

- | | |
|--|---------------|
| 1. Reporting Period: | December 2001 |
| 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 |

	<u>THIS MONTH</u>	<u>YR TO DATE</u>	<u>CUMULATIVE</u>
5. Number of Hours Reactor Critical	744.0	7295.4	131449.3
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	7096.9	129624.4
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2153770	20182210	348886408
10. Gross Electrical Energy (MWH)	756150	7039330	117548749
11. Net Electrical Energy Generated (MWH)	727476	6757528	112271181
12. Reactor Service Factor	100.0	83.3	83.3
13. Reactor Availability Factor	100.0	83.3	83.3
14. Unit Service Factor	100.0	81.0	82.1
15. Unit Availability Factor	100.0	81.0	82.1
16. Unit Capacity Factor (Using MDC)	101.2	79.9	78.7
17. Unit Capacity Factor (Design MWe)	100.5	79.3	77.5
18. Unit Forced Outage Rate	0.0	0.9	3.3
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each):			N/A
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

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DECEMBER 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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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

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At 22:33 on December 7th a reduction to 91% reactor power began to support planned main turbine control valve testing. 91% power was reached at 23:25. Valve testing was completed and 100% power was restored at 04:37 on December 8th.

At 09:25 on December 9th, a reduction to 98% reactor power began to support repairs to the No. 1B feedwater heater level transmitter probe. Problems with the Magnetrol level transmitter probe on ILT03773A required the replacement of the probe. 98% power was reached at 09:36. Transmitter probe replacement was completed and 100% power was restored at 23:22. The plant operated at 100% power at all other times during the month.