



Stephen A. Byrne
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June 14, 2001

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
MAY MONTHLY OPERATING REPORT

Enclosed is the May 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,

Stephen A. Byrne

SAB/nkk
Attachment

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File (818.03-1, RR 4100)
DMS (RC-01-0117)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	06/11/01
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

MAY 2001

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

1.	977
2.	978
3.	978
4.	978
5.	979
6.	978
7.	977
8.	978
9.	978
10.	978
11.	978
12.	977
13.	978
14.	977
15.	977
16.	977

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

17.	977
18.	938
19.	854
20.	853
21.	903
22.	975
23.	975
24.	975
25.	975
26.	975
27.	976
28.	976
29.	975
30.	975
31.	973

ATTACHMENT II OPERATING DATA REPORT

DOCKET NO.	50/395
UNIT	V. C. SUMMER I
DATE	06/11/01
COMPLETED BY	W. H. BELL
TELEPHONE	(803) 345-4389

OPERATING STATUS

- | | |
|--|----------|
| 1. Reporting Period: | May 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	2200.9	126354.8
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	2145.8	124673.3
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2132622	6017631	334721830
10. Gross Electrical Energy (MWH)	747050	2106060	112615479
11. Net Electrical Energy Generated (MWH)	718019	2023418	107537071
12. Reactor Service Factor	100.0	60.7	82.8
13. Reactor Availability Factor	100.0	60.7	82.8
14. Unit Service Factor	100.0	59.2	81.7
15. Unit Availability Factor	100.0	59.2	81.7
16. Unit Capacity Factor (Using MDC)	99.9	57.0	78.1
17. Unit Capacity Factor (Design MWe)	99.2	56.6	76.9
18. Unit Forced Outage Rate	0.0	0.0	3.4
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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MAY 2001

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
NONE						

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)

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ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

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MAY 2001

At 15:40 on 5/18/01 a power reduction to 88% reactor power began in support of maintenance on the "B" and "C" Main Feedwater Pumps as well as the "D" Feedwater Booster Pump. 88% power was achieved at 19:32 on 5/18/01 where it remained until the repairs were complete and power escalation began at 11:40 on 5/21/01. Power was restored to 100% at 15:18 on 5/21/01 where it remained for the remainder of the month.