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RC-01-0057

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 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)
DMS (RC-01-0057)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 3/ 7/01
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

FEBRUARY 2001

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

| | (MWe-Net) |
|-----|-----------|
| 1. | 0 |
| 2. | 0 |
| 3. | 0 |
| 4. | 0 |
| 5. | 0 |
| 6. | 0 |
| 7. | 0 |
| 8. | 0 |
| 9. | 0 |
| 10. | 0 |
| 11. | 0 |
| 12. | 0 |
| 13. | 0 |
| 14. | 0 |
| 15. | 0 |
| 16. | 0 |

| | (MWe-Net) |
|-----|-----------|
| 17. | 0 |
| 18. | 0 |
| 19. | 0 |
| 20. | 0 |
| 21. | 0 |
| 22. | 0 |
| 23. | 0 |
| 24. | 0 |
| 25. | 0 |
| 26. | 0 |
| 27. | 0 |
| 28. | 0 |

ATTACHMENT II
OPERATING DATA REPORT

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 3/ 7/01
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: February 2001
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

| | THIS MONTH ----- | YR TO DATE ----- | CUMULATIVE ----- |
|---|---------------------|---------------------|---------------------|
| 5. Number of Hours Reactor Critical | 18.2 | 18.2 | 124172.1 |
| 6. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 7. Hours Generator on Line | 0.0 | 0.0 | 122527.5 |
| 8. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 9. Gross Thermal Energy Generated (MWH) | 0 | 0 | 328704199 |
| 10. Gross Electrical Energy (MWH) | 0 | 0 | 110509419 |
| 11. Net Electrical Energy Generated (MWH) | 0 | 0 | 105513653 |
| 12. Reactor Service Factor | 2.7 | 1.3 | 82.5 |
| 13. Reactor Availability Factor | 2.7 | 1.3 | 82.5 |
| 14. Unit Service Factor | 0.0 | 0.0 | 81.4 |
| 15. Unit Availability Factor | 0.0 | 0.0 | 81.4 |
| 16. Unit Capacity Factor (Using MDC) | 0.0 | 0.0 | 77.8 |
| 17. Unit Capacity Factor (Design MWe) | 0.0 | 0.0 | 76.6 |
| 18. Unit Forced Outage Rate | 0.0 | 0.0 | 3.4 |
| 19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): NONE | | | |
| 20. If Shut Down at End of Report Period, Estimated Date of Startup: 03/03/01 | | | |
| 21. Units in Test Status (Prior to Commercial Operation): N/A | | | |

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ATTACHMENT III
UNIT SHUTDOWNS AND POWER REDUCTIONS

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FEBRUARY 2001

| NO. | DATE | TYPE | DURATION | REASON | METHOD | CORRECTIVE ACTION/COMMENTS |
|-----|------|------|----------|--------|--------|----------------------------|
| 1 | 1007 | S | 672.0 | C | 1 | COMPLETE REFUELING OUTAGE |

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 THE BEGINNING OF THE MONTH THE PLANT WAS SHUT DOWN DUE TO THE EXTENSION OF THE TWELFTH REFUELING OUTAGE. THIS PLANNED REFUELING OUTAGE WAS EXTENDED TO CONDUCT REPAIRS TO THE "A" LOOP OF THE REACTOR COOLANT SYSTEM HOT LEG PIPE. BY THE END OF THE MONTH REPAIRS WERE COMPLETED, THE REACTOR REFUELED, AND THE STARTUP PHYSICS TESTING WAS IN PROGRESS. ON THE LAST DAY OF THE MONTH (2/28/01), THE REACTOR BECAME CRITICAL AT 05:49. POWER REMAINED IN THE RANGE REQUIRED FOR PHYSICS TESTING FOR THE REST OF THE DAY IN ACCORDANCE WITH TECHNICAL SPECIFICATION 3/4.10.3