

Stephen A. Byrne
Senior Vice President, Nuclear Operations
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December 12, 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
NOVEMBER MONTHLY OPERATING REPORT

Enclosed is the November 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 "S.A. Byrne", is written over a faint, larger version of the signature.

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
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NRC Resident Inspector
K. M. Sutton
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File (818.03-1, RR 4100)
DMS (RC-01-0212)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 12/04/2001
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

NOVEMBER 2001

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1. | 977 | 17. | 968 |
| 2. | 978 | 18. | 967 |
| 3. | 978 | 19. | 966 |
| 4. | 978 | 20. | 977 |
| 5. | 977 | 21. | 977 |
| 6. | 978 | 22. | 980 |
| 7. | 977 | 23. | 978 |
| 8. | 977 | 24. | 980 |
| 9. | 977 | 25. | 979 |
| 10. | 978 | 26. | 979 |
| 11. | 978 | 27. | 979 |
| 12. | 978 | 28. | 979 |
| 13. | 975 | 29. | 979 |
| 14. | 951 | 30. | 979 |
| 15. | 953 | | |
| 16. | 954 | | |

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 12/04/2001
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

- | | |
|--|---------------|
| 1. Reporting Period: | November 2001 |
| Gross Hours in Reporting Period: | 720 |
| 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 | 720.0 | 6551.4 | 130705.3 |
| 6. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 7. Hours Generator on Line | 720.0 | 6352.9 | 128880.4 |
| 8. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 9. Gross Thermal Energy Generated (MWH) | 2077995 | 18028440 | 346732639 |
| 10. Gross Electrical Energy (MWH) | 729720 | 6283180 | 116792599 |
| 11. Net Electrical Energy Generated (MWH) | 701487 | 6030052 | 111543705 |
| 12. Reactor Service Factor | 100.0 | 81.7 | 83.2 |
| 13. Reactor Availability Factor | 100.0 | 81.7 | 83.2 |
| 14. Unit Service Factor | 100.0 | 79.3 | 82.1 |
| 15. Unit Availability Factor | 100.0 | 79.3 | 82.1 |
| 16. Unit Capacity Factor (Using MDC) | 100.9 | 77.9 | 78.5 |
| 17. Unit Capacity Factor (Design MWe) | 100.2 | 77.3 | 77.4 |
| 18. Unit Forced Outage Rate | 0.0 | 1.0 | 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

| | |
|--------------|----------------|
| DOCKET NO. | 50/395 |
| UNIT | V. C. SUMMER I |
| DATE | 12/04/2001 |
| COMPLETED BY | W. H. BELL |
| TELEPHONE | (803) 345-4389 |

NOVEMBER 2001

| 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

| | |
|--------------|----------------|
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NOVEMBER 2001

At 22:22 on November 13th a power reduction to 98% power began in support of scheduled maintenance to replace one Magnetrol level transmitter on each high pressure feedwater heater with a new Rosemont transmitter. Feedwater heaters 1A, 1B, 2A, and 2B now have two types of level transmitters on each heater. This was done to provide diverse methods of operator selectable level control for each heater.

At 21:40 on November 16th the feedwater heater level transmitter maintenance was complete and power was raised to 99% to support a Feedwater Control Valve DP Adjustment Test. Testing was completed and power was restored to 100% at 06:08 on November 20th where it remained for the rest of the month.