



Jeffrey B. Archie
Vice President, Nuclear Operations
803.345.4214

December 2, 2004

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Director, Office of Resource Management

Dear Sir / Madam:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
NOVEMBER MONTHLY OPERATING REPORT

Enclosed is the November 2004 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,

Jeffrey B. Archie

JBA/mbb
Attachment

c: T. D. Gatlin
T. G. Eppink (w/o Attachment)
R. J. White
W. D. Travers
K. R. Cotton
G. A. Lippard
NRC Resident Inspector
K. M. Sutton
Paulette Ledbetter
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File (818.03-1, RR 4100)
DMS (RC-04-0194)

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE December 1, 2004
COMPLETED BY T. V. Dao
TELEPHONE (803) 345-4812

November 2004

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|-----|---------------------------|-----|---------------------------|
| | (Mwe-Net) | | (Mwe-Net) |
| 1 | 985 | 17 | 986 |
| 2 | 985 | 18 | 987 |
| 3 | 984 | 19 | 987 |
| 4 | 985 | 20 | 987 |
| 5 | 986 | 21 | 987 |
| 6 | 986 | 22 | 988 |
| 7 | 986 | 23 | 987 |
| 8 | 987 | 24 | 987 |
| 9 | 986 | 25 | 987 |
| 10 | 986 | 26 | 987 |
| 11 | 986 | 27 | 987 |
| 12 | 987 | 28 | 987 |
| 13 | 987 | 29 | 987 |
| 14 | 986 | 30 | 987 |
| 15 | 986 | | |
| 16 | 986 | | |

ATTACHMENT II
OPERATING DATA REPORT

| | |
|--------------|------------------|
| DOCKET NO. | 50/395 |
| UNIT | V. C. SUMMER I |
| DATE | December 1, 2004 |
| COMPLETED BY | T. V. Dao |
| TELEPHONE | (803) 345-4812 |

OPERATING STATUS

| | | |
|---|---|---------------|
| 1 | Reporting Period: | November 2004 |
| | 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 |

| | THIS MONTH | YR TO DATE | CUMULATIVE | |
|----|---|------------|------------|-----------|
| 5 | Number of Hours Reactor Critical | 720.0 | 7762.2 | 154566.7 |
| 6 | Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 7 | Hours Generator On Line | 720.0 | 7747.3 | 152582.7 |
| 8 | Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 9 | Gross Thermal Energy Generated (MWH) | 2085933 | 22412852 | 415028907 |
| 10 | Gross Electrical Energy (MWH) | 738560 | 7903080 | 140779939 |
| 11 | Net Electrical Energy Generated (MWH) | 710207 | 7596594 | 134599387 |
| 12 | Reactor Service Factor | 100.0 | 96.5 | 84.3 |
| 13 | Reactor Availability Factor | 100.0 | 96.5 | 84.3 |
| 14 | Unit Service Factor | 100.0 | 96.4 | 83.2 |
| 15 | Unit Availability Factor | 100.0 | 96.4 | 83.2 |
| 16 | Unit Capacity Factor (Using MDC) | 102.1 | 97.8 | 80.4 |
| 17 | Unit Capacity Factor (Using Design) | 101.4 | 97.1 | 79.3 |
| 18 | Unit Forced Outage Rate | 0.0 | 3.5 | 3.1 |
| 19 | Shutdowns Scheduled Over Next 6 Months (Type, Date, & Duration of Each): Refuel 15 is scheduled to start on 04/22/05 for a duration of 35 days | | | |
| 20 | If Shutdown 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 REDUCTION

| | |
|--------------|------------------|
| DOCKET NO. | 50/395 |
| UNIT | V. C. SUMMER I |
| DATE | December 1, 2004 |
| COMPLETED BY | T. V. Dao |
| TELEPHONE | (803) 345-4812 |

November 2004

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

None

- 1 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 METHOD
 - 1: Manual
 - 2: Manual Trip/Scram
 - 3: Automatic Trip/Scram
 - 4: Continuation (Use Initial Date)
 - 5: Power Reduction (Duration 0.0)
 - 9: Other (Explain)

SUMMARY:

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

| | |
|--------------|------------------|
| DOCKET NO. | 50/395 |
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November 2004

V. C. Summer Station operated at full power for the entire month of November.