

Dominion Nuclear Connecticut, Inc.  
Millstone Power Station  
Rope Ferry Road  
Waterford, CT 06385



**Dominion**

MAY 12 2004

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

Serial No. 04-310  
MPS Lic/web R0  
Docket Nos. 50-336  
50-423  
License Nos. DPR-65  
NPF-49

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNITS 2 AND 3**  
**APRIL 2004 MONTHLY OPERATING REPORT**

In accordance with the reporting requirements of Technical Specification 6.9.1.7 for Millstone Unit No. 2, and Technical Specification 6.9.1.5 for Millstone Unit No. 3, enclosed are the Monthly Operating Reports for the month of April 2004. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit No. 3 Monthly Operating Report.

If you should have any questions regarding this submittal, please contact Mr. David W. Dodson at (860) 447-1791, extension 2346.

Very truly yours,

Stephen P. Sarver, Director  
Nuclear Station Operations and Maintenance

JE24

Attachments: 2

Commitments made in this letter: None.

cc: U.S. Nuclear Regulatory Commission  
Region I  
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Mr. S. M. Schneider  
NRC Senior Resident Inspector  
Millstone Power Station

Serial No. 04-310  
Docket Nos.50-336  
50-423

**Attachment 1**

**April 2004 Monthly Operating Report for Millstone Unit 2**

**Millstone Power Station Units 2 and 3  
Dominion Nuclear Connecticut, Inc. (DNC)**

## OPERATING DATA REPORT

|              |                       |
|--------------|-----------------------|
| DOCKET NO.   | <u>50-336</u>         |
| UNIT NAME    | <u>Millstone 2</u>    |
| DATE         | <u>05/03/2004</u>     |
| COMPLETED BY | <u>R. Borchert</u>    |
| TELEPHONE    | <u>(860) 447-1791</u> |
| EXTENSION    | <u>4418</u>           |

| <b>OPERATING STATUS</b> |                                                                                                  |                      |              |
|-------------------------|--------------------------------------------------------------------------------------------------|----------------------|--------------|
| 1.                      | Unit Name:                                                                                       | Millstone Unit No. 2 |              |
| 2.                      | Reporting Period:                                                                                | April 2004           |              |
| 3.                      | Licensed Thermal Power (MWt):                                                                    | 2700.0               |              |
| 4.                      | Design Electrical Rating (Net MWe):                                                              | 883.5                |              |
| 5.                      | Maximum Dependable Capacity (Net MWe)                                                            | 877.7                |              |
| 6.                      | If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons: | N/A                  |              |
|                         |                                                                                                  | This Month           | Year-to-Date |
| 7.                      | Number of Hours Reactor Was Critical                                                             | 719.0                | 2827.5       |
| 8.                      | Hours Generator On-Line                                                                          | 719.0                | 2796.9       |
| 9.                      | Unit Reserve Shutdown Hours                                                                      | 0.0                  | 0.0          |
| 10.                     | Net Electrical Energy Generated (MWH)                                                            | 636571.4             | 2454072.7    |
|                         |                                                                                                  | Cumulative           | 127331648.5  |

### OPERATING SUMMARY

Millstone Unit 2 operated at or near 100% power throughout April 2004.

## UNIT SHUTDOWNS

DOCKET NO. 50-336  
 UNIT NAME Millstone 2  
 DATE 05/03/2004  
 COMPLETED BY R. Borchert  
 TELEPHONE (860) 447-1791  
 EXTENSION 4418

REPORTING MONTH: April 2004

| NO.                                       | DATE | TYPE <sup>1</sup>                                                                                                                                                                                                                                                   | DURATION (HOURS) | REASON <sup>2</sup> | METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>                                                                                               | CAUSE / CORRECTIVE ACTIONS<br>COMMENTS    |  |
|-------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--|
| N/A                                       |      |                                                                                                                                                                                                                                                                     |                  |                     |                                                                                                                                            | There was no unit shutdown in April 2004. |  |
| <sup>1</sup><br>F: Forced<br>S: Scheduled |      | <sup>2</sup><br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training / License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) |                  |                     | <sup>3</sup><br>Method:<br>1 - Manual<br>2 - Manual Trip<br>3 - Automatic Trip<br>4 - Continued from previous month<br>5 - Other (Explain) |                                           |  |

Serial No. 04-310  
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**Attachment 2**

**April 2004 Monthly Operating Report for Millstone Unit 3**

**Millstone Power Station Units 2 and 3  
Dominion Nuclear Connecticut, Inc. (DNC)**

## OPERATING DATA REPORT

|              |                       |
|--------------|-----------------------|
| DOCKET NO.   | <u>50-423</u>         |
| UNIT NAME    | <u>Millstone 3</u>    |
| DATE         | <u>05/01/2004</u>     |
| COMPLETED BY | <u>K. Cook</u>        |
| TELEPHONE    | <u>(860) 447-1791</u> |
| EXTENSION    | <u>6572</u>           |

| <u>OPERATING STATUS</u> |                                                                                                  |                      |              |             |
|-------------------------|--------------------------------------------------------------------------------------------------|----------------------|--------------|-------------|
| 1.                      | Unit Name:                                                                                       | Millstone Unit No. 3 |              |             |
| 2.                      | Reporting Period:                                                                                | APRIL 2004           |              |             |
| 3.                      | Licensed Thermal Power (MWt):                                                                    | 3411.0               |              |             |
| 4.                      | Design Electrical Rating (Net MWe):                                                              | 1153.6               |              |             |
| 5.                      | Maximum Dependable Capacity (Net MWe)                                                            | 1130.5               |              |             |
| 6.                      | If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons: | N/A                  |              |             |
|                         |                                                                                                  | This Month           | Year-to-Date | Cumulative  |
| 7.                      | Number of Hours Reactor Was Critical                                                             | 48.6                 | 2232.6       | 113337.3    |
| 8.                      | Hours Generator On-Line                                                                          | 48.1                 | 2232.1       | 111607.2    |
| 9.                      | Unit Reserve Shutdown Hours                                                                      | 0.0                  | 0.0          | 0.0         |
| 10.                     | Net Electrical Energy Generated (MWH)                                                            | 34952.3              | 2516930.0    | 122364134.3 |

### OPERATING SUMMARY

The unit continued the end-of-cycle power coastdown that began on March 10, 2004. On April 2, the unit performed a downpower to approximately 40% to perform testing of the main steam safety valves. The unit was taken off-line for refueling outage 3R9 at 0003 hours on April 3 and the reactor was shutdown at 0035 hours on April 3, 2004.

## UNIT SHUTDOWNS

DOCKET NO. 50-423  
 UNIT NAME Millstone 3  
 DATE 05/01/04  
 COMPLETED BY K. Cook  
 TELEPHONE (860) 447-1791  
 EXTENSION 6572

REPORTING MONTH: APRIL 2004

| NO.                                       | DATE     | TYPE <sup>1</sup>                                                                                                                                                                                                                                                   | DURATION<br>(HOURS) | REASON <sup>2</sup> | METHOD OF SHUTTING<br>DOWN REACTOR <sup>3</sup>                                                                                            | CAUSE / CORRECTIVE ACTIONS<br>COMMENTS |  |
|-------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--|
| 04-01                                     | 04/03/04 | S                                                                                                                                                                                                                                                                   | 670.9               | C                   | 2                                                                                                                                          | Scheduled refueling outage.            |  |
| <sup>1</sup><br>F: Forced<br>S: Scheduled |          | <sup>2</sup><br>Reason:<br>A - Equipment Failure (Explain)<br>B - Maintenance or Test<br>C - Refueling<br>D - Regulatory Restriction<br>E - Operator Training / License Examination<br>F - Administrative<br>G - Operational Error (Explain)<br>H - Other (Explain) |                     |                     | <sup>3</sup><br>Method:<br>1 - Manual<br>2 - Manual Trip<br>3 - Automatic Trip<br>4 - Continued from previous month<br>5 - Other (Explain) |                                        |  |