



**Northeast  
Nuclear Energy**

Rope Ferry Rd. (Route 156), Waterford, CT 06385

Millstone Nuclear Power Station  
Northeast Nuclear Energy Company  
P.O. Box 128  
Waterford, CT 06385-0128  
(860) 447-1791  
Fax (860) 444-4277

The Northeast Utilities System

FEB 9 2001

Docket Nos. 50-336

50-423

B18336

RE: 10 CFR 50.71(a)

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

**Millstone Nuclear Power Station, Unit Nos. 2 and 3  
Facility Operating License Nos. DPR-65 and NPF-49  
Monthly Operating Reports**

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 January 2001. Attachment 1 contains the Millstone Unit No. 2 Monthly Operating Report and Attachment 2 contains the Millstone Unit No. 3 Monthly Operating Report.


Beginning with the January 2001 submission, the formatting of the Millstone Nuclear Power Station's Monthly Operating Reports has been modified to conform to the standard established in Generic Letter 97-02.

There are no regulatory commitments contained within this letter.

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

Very truly yours,

**NORTHEAST NUCLEAR ENERGY COMPANY**

  
C. J. Schwarz

Master Process Owner - Operate the Asset

cc: See next page

JE24

Attachments (2)

cc: H. J. Miller, Region I Administrator  
J. I. Zimmerman, NRC Project Manager, Millstone Unit No. 2  
S. R. Jones, Senior Resident Inspector, Millstone Unit No. 2  
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3  
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3

Docket Nos. 50-336  
50-423  
B18336

**Attachment 1**

**Millstone Nuclear Power Station, Unit No. 2**

**Facility Operating License No. DPR-65**  
**Monthly Operating Report**  
**January 2001**

## OPERATING DATA REPORT

|              |                |
|--------------|----------------|
| DOCKET NO.   | 50-336         |
| UNIT NAME    | Millstone 2    |
| DATE         | 02/01/2001     |
| COMPLETED BY | S. Stark       |
| TELEPHONE    | (860) 447-1791 |
| EXTENSION    | 4419           |

| <b>OPERATING STATUS</b> |  |                      |              |             |
|-------------------------|--|----------------------|--------------|-------------|
| 1.                      | Unit Name:   | Millstone Unit No. 2 |              |             |
| 2.                      | Reporting Period:  | JANUARY 2001         |              |             |
| 3.                      | Licensed Thermal Power (MWt):  | 2700.0               |              |             |
| 4.                      | Design Electrical Rating (Net MWe):  | 870.0                |              |             |
| 5.                      | Maximum Dependable Capacity (Net MWe)  | 873.13               |              |             |
| 6.                      | If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons: | Not Applicable       |              |             |
|                         |  | This Month           | Year-to-Date | Cumulative  |
| 7.                      | Number of Hours Reactor Was Critical   | 744.0                | 744.0        | 135554.0    |
| 8.                      | Hours Generator On-Line  | 744.0                | 744.0        | 130022.0    |
| 9.                      | Unit Reserve Shutdown Hours  | 0.0                  | 0.0          | 468.2       |
| 10.                     | Net Electrical Energy Generated (MWH)  | 649708.5             | 649708.5     | 105922504.2 |

### **OPERATING SUMMARY**

A downpower to approximately 85% power was performed on January 13, 2001, in order to perform monthly main turbine control valve testing and realignment of the "A" condensate pump.

# UNIT SHUTDOWNS

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 02/01/2001  
COMPLETED BY S. Stark  
TELEPHONE (860) 447-1791  
EXTENSION 4419

REPORTING MONTH: JANUARY 2001

| 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                                      |
|---|------|---|---------------------|---------------------|--|---|
|   |      |   |                     |                     |  | There were no reportable power reductions during the month of January 2001. |
| <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) |   |

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 2
2. Scheduled date for next refueling outage: February 2002
3. Scheduled date for restart following refueling: March 2002
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Yes. Four (4) technical specification changes have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
The four (4) technical specification changes will be submitted in the first quarter of 2001.
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:  
None identified at this time.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 217 In Spent Fuel Pool: (b) 940  
  
NOTE: These numbers represent the total Fuel Assemblies and Consolidated Fuel Storage Boxes (3 total containing the fuel rods from 6 fuel assemblies) in these two (2) Item Control Areas.
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:  
Present storage capacity: 1306 storage locations.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
The refueling outage scheduled for 2002 is the last outage which can be performed without losing full core discharge capability, recognizing that there are constraints on utilizing certain cell locations as storage locations. The outage scheduled for 2006 is the last outage which can accommodate a reload discharge, assuming the present licensed capacity of the spent fuel pool and recognizing that there are constraints on utilizing certain cell locations as storage locations.

Docket Nos. 50-336  
50-423  
B18336

**Attachment 2**

**Millstone Nuclear Power Station, Unit No. 3**

**Facility Operating License No. NPF-49**  
**Monthly Operating Report**  
**January 2001**

**OPERATING DATA REPORT**

DOCKET NO. 50-423  
UNIT NAME Millstone 3  
DATE 02/01/2001  
COMPLETED BY K. Emmons  
TELEPHONE (860) 447-1791  
EXTENSION 6572

| <b>OPERATING STATUS</b> |  |                      |              |            |
|-------------------------|--|----------------------|--------------|------------|
| 1.                      | Unit Name:   | Millstone Unit No. 3 |              |            |
| 2.                      | Reporting Period:  | JANUARY 2001         |              |            |
| 3.                      | Licensed Thermal Power (MWt):  | 3411.0               |              |            |
| 4.                      | Design Electrical Rating (Net MWe):  | 1153.6               |              |            |
| 5.                      | Maximum Dependable Capacity (Net MWe)  | 1154.0               |              |            |
| 6.                      | If Changes Occur in Capacity Ratings (Items Number 3 through 5) Since Last Report, Give Reasons: | Not Applicable       |              |            |
|                         |  | This Month           | Year-to-Date | Cumulative |
| 7.                      | Number of Hours Reactor Was Critical   | 744.0                | 744.0        | 87677.0    |
| 8.                      | Hours Generator On-Line  | 744.0                | 744.0        | 86173.5    |
| 9.                      | Unit Reserve Shutdown Hours  | 0.0                  | 0.0          | 0.0        |
| 10.                     | Net Electrical Energy Generated (MWH)  | 722409.0             | 722409.0     | 93648016.8 |

**OPERATING SUMMARY**

The unit began end-of-cycle coastdown operations on December 24, 2000, and continued the coastdown throughout the month of January 2001. There were no abnormal operating occurrences to report.

# UNIT SHUTDOWNS

DOCKET NO. 50-423  
UNIT NAME Millstone 3  
DATE 02/01/2001  
COMPLETED BY K. Emmons  
TELEPHONE (860) 447-1791  
EXTENSION 6572

REPORTING MONTH: JANUARY 2001

| 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  |
|---|------|---|---------------------|---------------------|--|---|
|   |      |   |                     |                     |  | There were no reportable power reductions during the month of January 2001. The unit began end-of-cycle coastdown operations on December 24, 2000, and the coastdown continued throughout January 2001. |
| <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) |   |

REFUELING INFORMATION REQUEST

1. Name of the facility: Millstone Unit 3
2. Scheduled date for next refueling outage: February 2001  
Actual start date for the refueling outage was February 3, 2001
3. Scheduled date for restart following refueling: March 2001
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
Yes. Five (5) Technical Specification changes and one license amendment involving a USQ have been identified at this time.
5. Scheduled date(s) for submitting licensing action and supporting information:  
All five (5) Technical Specification changes and the USQ have been submitted.  
Approval for the five (5) Technical Specification changes has been received.
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures:  
None identified at this time.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 193 In Spent Fuel Pool: (b) 573
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:  
Present storage capacity: 1860 storage locations.
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
End of Plant Life.