

# OPERATING DATA REPORT

## REVISED DATA

UNIT NAME Millstone Unit 2  
 DATE 3/05/93  
 COMPLETED BY G. Neron  
 TELEPHONE (203) 444-5517  
 EXT N/A

### OPERATING STATUS

1. Docket Number: 50-336
2. Reporting Period: February 1993
3. Utility Contact: G. Neron
4. Licensed Thermal Power (MWt): 2700
5. Nameplate Rating (Gross MWe): 909
6. Design Electrical Rating (Net MWe): 870
7. Maximum Dependable Capacity (Gross MWe): 903.10
8. Maximum Dependable Capacity (Net MWe): 873.10
9. If Changes Occur in Capacity Ratings (Items Number 4 Through 8) Since Last Report, Give Reasons:  
N/A

Notes: Items 22 and 23 cumulative are weighted averages. Unit operated at 2560 MWTH prior to its uprating to the current 2700 MWTH power level.

10. Power Level To Which Restricted, If any (Net MWe): N/A
11. Reasons For Restrictions, If Any: N/A

|  | This Month       | Yr.-To-Date      | Cumulative         |
|--|------------------|------------------|--------------------|
| 12. Hours In Reporting Period  | <u>672.0</u>     | <u>1416.0</u>    | <u>150600.0</u>    |
| 13. Number Of Hours Reactor Was Critical                                       | <u>631.3</u>     | <u>1150.8</u>    | <u>106408.4</u>    |
| 14. Reactor Reserve Shutdown Hours   | <u>0.0</u>       | <u>0.0</u>       | <u>2205.5</u>      |
| 15. Hours Generator On-Line  | <u>606.7</u>     | <u>1040.7</u>    | <u>101398.1</u>    |
| 16. Unit Reserve Shutdown Hours  | <u>0.0</u>       | <u>0.0</u>       | <u>468.2</u>       |
| 17. Gross Thermal Energy Generated (MWH)                                       | <u>1573593.0</u> | <u>2542526.0</u> | <u>278571208.4</u> |
| 18. Gross Electrical Energy Generated (MWH)                                    | <u>524803.5</u>  | <u>841297.5</u>  | <u>85245605.0</u>  |
| 19. Net Electrical Energy Generated (MWH)                                      | <u>504710.5</u>  | <u>802984.5</u>  | <u>81753871.8</u>  |
| 20. Unit Service Factor  | <u>90.3</u>      | <u>73.5</u>      | <u>67.3</u>        |
| 21. Unit Availability Factor   | <u>90.3</u>      | <u>73.5</u>      | <u>67.6</u>        |
| 22. Unit Capacity Factor (Using MDC Net)                                       | <u>86.0</u>      | <u>65.0</u>      | <u>63.6</u>        |
| 23. Unit Capacity Factor (Using DER Net)                                       | <u>86.3</u>      | <u>65.2</u>      | <u>62.5</u>        |
| 24. Unit Forced Outage Rate  | <u>9.7</u>       | <u>5.9</u>       | <u>15.3</u>        |
| 25. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | <u>N/A</u>       |                  |                    |

26. If Unit Shutdown At End Of Report Period, Estimated Date of Startup: N/A
27. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

| Forecast   | Achieved   |
|------------|------------|
| <u>N/A</u> | <u>N/A</u> |
| <u>N/A</u> | <u>N/A</u> |
| <u>N/A</u> | <u>N/A</u> |

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-336  
UNIT: Millstone Unit 2  
DATE: 3/05/93  
COMPLETED BY: G. Neron  
TELEPHONE: (203) 444-5517  
EXT: N/A

MONTH: FEBRUARY 1993

| DAY | AVG. DAILY POWER LEVEL<br>(MWe-Net) | DAY | AVG. DAILY POWER LEVEL<br>(MWe-Net) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | <u>693</u>                          | 17  | <u>874</u>                          |
| 2   | <u>639</u>                          | 18  | <u>873</u>                          |
| 3   | <u>870</u>                          | 19  | <u>872</u>                          |
| 4   | <u>872</u>                          | 20  | <u>873</u>                          |
| 5   | <u>873</u>                          | 21  | <u>873</u>                          |
| 6   | <u>872</u>                          | 22  | <u>42</u>                           |
| 7   | <u>872</u>                          | 23  | <u>0</u>                            |
| 8   | <u>872</u>                          | 24  | <u>0</u>                            |
| 9   | <u>871</u>                          | 25  | <u>483</u>                          |
| 10  | <u>874</u>                          | 26  | <u>868</u>                          |
| 11  | <u>874</u>                          | 27  | <u>874</u>                          |
| 12  | <u>874</u>                          | 28  | <u>875</u>                          |
| 13  | <u>875</u>                          | 29  | <u>---</u>                          |
| 14  | <u>874</u>                          | 30  | <u>---</u>                          |
| 15  | <u>873</u>                          | 31  | <u>---</u>                          |
| 16  | <u>874</u>                          |     |                                     |

## INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-336  
UNIT NAME Millstone 2  
DATE 3/05/93  
COMPLETED BY G. Neron  
TELEPHONE (203) 444-5517  
EXT. N/A

REPORT MONTH FEBRUARY 1993

| No. | Date   | Type <sup>1</sup> | Duration<br>(Hours) | Reason <sup>2</sup> | Method of<br>Shutting<br>Down Reactor <sup>3</sup> | License<br>Event<br>Report # | System<br>Code <sup>4</sup> | Component<br>Code <sup>5</sup> | Cause & Corrective<br>Action to<br>Prevent Recurrence   |
|-----|--------|-------------------|---------------------|---------------------|--|------------------------------|-----------------------------|--------------------------------|---|
| 01  | 930322 | F                 | 41.3                | G                   | 3  | 93-004-00                    | SB                          | PCV                            | While operating at 100% power, the "A" steam generator atmospheric dump valve failed open; During the subsequent transient plant conditions, an automatic reactor trip on low steam generator water level occurred; The unit was restarted on 2/23/93. See LER.   |
| 02  | 930323 | F                 | 24.0                | G                   | 3  | 93-004-00                    | SB                          | PCV                            | While performing a power ascension at approx. 18% power, high turbine bearing vibrations were observed, necessitating an immediate shutdown of the main turbine. During the subsequent transient plant conditions, an automatic reactor trip on low steam generator water level occurred; The unit was restarted on 2/24/93 and reached full power operation on 2/26/93. See LER. |

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

<sup>3</sup>Method  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continued from  
Previous month  
5-Power Reduction  
(Duration =0)  
6-Other (Explain)

<sup>4</sup>Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for License  
Event Report (LER) File  
(NUREG-0161)

<sup>5</sup>Exhibit 1 - Same Source

### REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: August 1994
3. Scheduled date for restart following refueling: N/A
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?  
None at this time
5. Scheduled date(s) for submitting licensing action and supporting information:  
None at this time
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
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) 784  
  
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:  
Currently 1237
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:  
1994, Spent Fuel Pool Full, Core Off Load capacity is reached.  
1998, Core Full, Spent Fuel Pool Full.