

OPERATING DATA REPORT

DOCKET NO. 50-336
 DATE 5/11/83
 COMPLETED BY J. Gibson
 TELEPHONE (203) 447-1791
Ext. 4431

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: April 1983
3. Licensed Thermal Power (Mwt): 2700
4. Nameplate Rating (Gross MWe): 909
5. Design Electrical Rating (Net MWe): 870
6. Maximum Dependable Capacity (Gross MWe): 895
7. Maximum Dependable Capacity (Net MWe): 864
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes Items 21 and 22 cumulative are weighted ave. unit operated at 2560 MW thermal prior to its uprating to its current 2700 MW thermal power level.

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>719</u>	<u>2879</u>	<u>64391</u>
12. Number Of Hours Reactor Was Critical	<u>719</u>	<u>2478.4</u>	<u>47713.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2205.5</u>
14. Hours Generator On-Line	<u>719</u>	<u>2342.8</u>	<u>45530.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>468.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1921628</u>	<u>6164769</u>	<u>11458974</u>
17. Gross Elec. Energy Generated (MWH)	<u>632700</u>	<u>2012630</u>	<u>37243478</u>
18. Net Electrical Energy Generated (MWH)	<u>610462</u>	<u>1932663.3</u>	<u>35694476</u>
19. Unit Service Factor	<u>100</u>	<u>81.4</u>	<u>70.7</u>
20. Unit Availability Factor	<u>100</u>	<u>81.4</u>	<u>71.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.3</u>	<u>77.7</u>	<u>66.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>77.2</u>	<u>65.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>16.9</u>	<u>19.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage, MAY 28, 1983, 16 weeks.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|------------|------------|
| INITIAL CRITICALITY | <u>N/A</u> | <u>N/A</u> |
| INITIAL ELECTRICITY | <u>N/A</u> | <u>N/A</u> |
| COMMERCIAL OPERATION | <u>N/A</u> | <u>N/A</u> |

AVERAGE DAILY UNIT POWER LEVEL

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MONTH APRIL 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>858</u>	17	<u>859</u>
2	<u>857</u>	18	<u>858</u>
3	<u>856</u>	19	<u>858</u>
4	<u>857</u>	20	<u>861</u>
5	<u>857</u>	21	<u>682</u>
6	<u>858</u>	22	<u>787</u>
7	<u>857</u>	23	<u>857</u>
8	<u>858</u>	24	<u>858</u>
9	<u>858</u>	25	<u>859</u>
10	<u>858</u>	26	<u>859</u>
11	<u>857</u>	27	<u>860</u>
12	<u>858</u>	28	<u>860</u>
13	<u>858</u>	29	<u>860</u>
14	<u>858</u>	30	<u>860</u>
15	<u>859</u>	31	<u>----</u>
16	<u>859</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

REPORT MONTH April 1983

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No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
4	830421	F	0	A	1	83-15	RB	CONROD	Dropped CEA #62. Reduced power below 70% per tech spec. requirement. Retrieved rod and proceeded with normal ramp up procedure See LER #83-15.

1

F: Forced
S: Scheduled

2

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)

3

Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

4

Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

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Exhibit 1 - Same Source

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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

REPORT MONTH April 1983

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
4/19/83	CVCS	2-CH-326	Disassemble, inspect and repair valve.
4/26/83	CVCS	'C' Charging Pump	Repack Pump.
4/26/83	CVCS	'A' Charging Pump	Remove oil pump, tighten pump set screw, re-install
4/8/83	Main Steam	Blowdown Piping	Repair blowdown piping downstream of 2-MS-219.
4/22/83	Main Steam	2-MS-117B	Replace body to bonnet gasket.
4/12/83	Fire Protection and Deluge	HELP-1	Replace panel batteries in help-1 and repair ground leads.
4/14/83	Fire Protection and Deluge	HELP-2	Replace panel batteries.
4/25/83	Fire Protection and Deluge	2-WW-149	Replace relief valve on Fire Pump P-51.
4/27/83	Process and Area Rad-Monitoring	Spent Fuel Pool Rad-Monitor	Replace remote meter and perform calibration.
4/27/83	Process and area Rad-Monitor	S/G Blowdown Monitor	Replace probe assembly.

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 2
2. Scheduled date for next refueling shutdown: May 28, 1983
3. Schedule date for restart following refueling: September 17, 1983 (16 wks outage)
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

It is anticipated that Cycle 6 operations will require Technical Specification changes or other License amendments.

5. Scheduled date(s) for submitting licensing action and supporting information:

Safety Analyses: April 13, 1983
Steam Generator Licensing Action: June 1, 1983

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: Additional plugged steam generator tubes will result in potential reactor coolant flow reduction. Currently planning to install sleeves in steam generator tubes.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

(a) In Core: 217 (b) 288

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:

667

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity:

1985, Spent Fuel Pool, full core off load capability is reached.
1987, Core Full, Spent Fuel Pool contains 648 bundles.