

OPERATING DATA REPORT

DOCKET NO 50-336
 DATE 8/6/80
 COMPLETED BY G.H. Howlett
 TELEPHONE (203)447-1791

OPERATING STATUS

1. Unit Name: Millstone 2
2. Reporting Period: July 1980
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:

Notes Items 21 & 22, cumulative are computed using a weighted average.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,111</u>	<u>40,319</u>
12. Number Of Hours Reactor Was Critical	<u>725.6</u>	<u>3,908.2</u>	<u>28,987.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>2,072.4</u>
14. Hours Generator On-Line	<u>718.9</u>	<u>3,815.6</u>	<u>27,635.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>335.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,900,317</u>	<u>10,062,253</u>	<u>67,760,881</u>
17. Gross Electrical Energy Generated (MWH)	<u>626,950</u>	<u>3,298,527</u>	<u>21,803,172</u>
18. Net Electrical Energy Generated (MWH)	<u>604,166</u>	<u>3,168,919</u>	<u>20,949,177</u>
19. Unit Service Factor	<u>96.6</u>	<u>74.7</u>	<u>68.5</u>
Unit Availability Factor	<u>96.6</u>	<u>74.7</u>	<u>69.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>94.0</u>	<u>71.8</u>	<u>63.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.3</u>	<u>71.3</u>	<u>61.9</u>
23. Unit Forced Outage Rate	<u>3.4</u>	<u>25.3</u>	<u>24.0</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, August 16, 1980, 9 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

	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 July 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	865
2	865
3	822
4	765
5	860
6	861
7	862
8	861
9	861
10	423
11	297
12	572
13	849
14	856
15	858
16	857

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	858
18	857
19	855
20	845
21	855
22	855
23	855
24	857
25	857
26	857
27	857
28	858
29	858
30	858
31	857

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 July 1980

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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
10	80 07 10	F	21.4	A	3		HH	PIPEXX	Instrument air line break, causing loss of speed control to main feed pump with a subsequent loss of the feed pump resulting in a Reactor trip on Low Steam Generator Level.
11	80 07 12	F	3.7	A	3		HH	INSTRU	Heater Drains level control problems resulted in a Main Feed Pump trip on low suction pressure with a subsequent Reactor trip on Low Steam Generator level.

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)

⁵
 Exhibit I - Same Source

Docket No. 50-336
 Date 8/8/80
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 Completed By G.H. Howlett
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CORRECTIVE MAINTENANCE SUMMARY FOR SAFETY RELATED EQUIPMENT

Report Month June 1980

DATE	SYSTEM	COMPONENT	MAINTENANCE ACTION
6/2/80	Aux. Feedwater	Aux. Feedwater Check Valve 2-FW-12B	Replaced bearing support gasket.
6/5/80	Reactor Protection	Steam Generator Level Trans- mitter LY 1123A	Replaced current/current converter.
6/12/80	Service Water	Service Water Strainer L-1C	Rebuilt Strainer.
6/24/80	Chemical & Volume Control	Charging Pump P-18A	Replaced packing and two (2) plungers.
5/80 - 6/80	Aux. Feedwater	Aux. Feedwater Auto Initiation	Installed system.

