AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-245
UNIT Millstone-1
DATE 800505
COMPLETED BY G. Harran
TELEPHONE 203/447-1792 ext. 655

MONTH May

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	654	17	645
2	653	18	643
3	652	19	644
4	650	20	604
5	652	21	560
6	626	22	486
7	601	23	486
8	328	24	485
9	575	25	482
10	643	26	483
11	648	27	482
12	649	28	482
13	649	29	480
14	645	30	444
15	648	31	1
16	647		

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.

NOTE: MDC of 654 MWE - Net based on commitment to New England Power Exchange.

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OPERATING DATA REPORT

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OPERATING STATUS

1. Unit Name: Millstone Unit 1
2. Reporting Period: May 1980
3. Licensed Thermal Power (MWt): 2011
4. Nameplate Rating (Gross MWe): 662
5. Design Electrical Rating (Net MWe): 660
6. Maximum Dependable Capacity (Gross MWe): 684
7. Maximum Dependable Capacity (Net MWe): 654
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A
N/A

Notes

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3647.0	83327.0
12. Number Of Hours Reactor Was Critical	724.5	3627.5	64012.5
13. Reactor Reserve Shutdown Hours	19.5	19.5	954.5
14. Hours Generator On-Line	720.5	3623.5	61719.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1272306	5949889	109997834
17. Gross Electrical Energy Generated (MWH)	502800	2086100	37317496
18. Net Electrical Energy Generated (MWH)	482728	1994165	35633947
19. Unit Service Factor	96.8	99.4	74.1
20. Unit Availability Factor	96.8	99.4	74.1
21. Unit Capacity Factor (Using MDC Net)	99.2	83.6	65.4
22. Unit Capacity Factor (Using DER Net)	98.3	82.8	64.8
23. Unit Forced Outage Rate	0	0	15.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Annual Refuel and Maintenance outage scheduled to commence September 19, 1980 for approximately 8 - 10 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 800622

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	N/A	
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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OPERATING HISTORY

May 1, 1980		Steady state reactor power 100%.
May 6, 1980	1000 hours	Reduced power to 90% because of main condenser conductivity.
	1300 hours	Reactor 100%.
May 8, 1980	0001 hours	Reducing reactor power to repair main condenser and rebrush reactor recirc. M.G. sets. A rod pattern adjustment to be made at this time also.
	0105 hours	Reactor power at 45%.
	1500 hours	Increasing reactor power to 100%.
May 10, 1980	0115 hours	Reactor power at 100%.
	1815 hours	Reducing reactor power to 94% to maintain condenser Δp limits.
	2025 hours	Increasing reactor power.
May 11, 1980	0010 hours	Reactor power at 100%.
May 14, 1980	0005 hours	Reducing power for turbine stop valve testing.
	0025 hours	Reactor power 90%.
	0110 hours	Turbine stop valve testing complete. Reactor power at 100%.
May 20, 1980	1300 hours	Showing a loss of MWE. Feedwater heater protubations also occurring.
	1320 hours	Reducing reactor power.
	1325 hours	Reactor power at 88%.

May 21, 1980	0200 hours	Increasing reactor power to 98%. Still showing a loss in MWE.
	1735 hours	Suspected leak in the 8th or 9th stage extraction steam expansion joint off 'A' L.P. turbine. Reducing power to 82%.
	1820 hours	Reactor power 82%, 515 MWE.
May 22, 1980		Maintaining power at approximately 82%, 515 MWE.
May 30, 1980	2100 hours	Commenced shutdown to inspect and repair suspected steam expansion joint damage off 'A' L.P. turbine.
May 31, 1980	0031 hours	Turbine off line.
	0437 hours	All control rods inserted. Reactor shutdown.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May

DOCKET NO. 50-245
UNIT NAME Millstone-1
DATE 800505
COMPLETED BY G. Harran
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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
03	800530	S	23.5	A	4	N/A	HJ	Turbin	Unit was removed from service to inspect and repair as necessary a steam leak in the extraction steam expansion joint off L.P. turbine.

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

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REFUELING INFORMATION REQUEST

1. Name of facility: Millstone 1

2. Scheduled date for next refueling shutdown: Fall 1980

3. Scheduled date for restart following refueling: Late Fall 1980

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   Yes. Technical Specification changes regarding:

   (1) Maximum Average Planar Linear Heat Generating Rate

   (2) Maximum Critical Power Ratio

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

   Summer 1980

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:

   168 "Retrofit" 8 x 8 fuel assemblies are scheduled for insertion in cycle 8 (reload 7).

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:

   (a) In Core: 580 (b) In SFP: 776

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:

   2184 assemblies

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.

   1991, Core Full, Spent Fuel Pool contains 2120 bundles.

RHY:rmj