DOCKET NO. 50-293

UNIT Pilgrim 1

DATE 12/10/81

COMPLETED BY G.G.Whitney

TELEPHONE 617-746-7900

MONTH November, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-293
DATE 12/10/81
COMPLETED BY G.G.Whitney
TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim 1
2. Reporting Period: November, 1981
3. Licensed Thermal Power (MWt): 1998.
4. Nameplate Rating (Gross MWe): 678.
5. Design Electrical Rating (Net MWe): 655.
6. Maximum Dependable Capacity (Gross MWe): 690.
7. Maximum Dependable Capacity (Net MWe): 670.

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

None

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

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720.0	8016.0	78696.0
12. Number Of Hours Reactor Was Critical	0.0	5848.7	56033.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	5771.0	54277.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	10528512.0	91817888.0
17. Gross Electrical Energy Generated (MWH)	0.0	3581870.0	30911234.0
18. Net Electrical Energy Generated (MWH)	0.0	3443877.0	29694484.0
19. Unit Service Factor	0.0	72.0	69.0
20. Unit Availability Factor	0.0	72.0	69.0
21. Unit Capacity Factor (Using MDC Net)	0.0	64.1	56.3
22. Unit Capacity Factor (Using DER Net)	0.0	65.6	57.6
23. Unit Forced Outage Rate	0.0	6.4	10.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

September, 1981

25. If Shut Down At End Of Report Period, Estimated Date of Startup: January, 1982
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1981

DOCKET NO. 50-293
UNIT NAME Pilgrim 1
DATE 12/10/81
COMPLETED BY G.G.Whitney
TELEPHONE 617-746-7900

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
18	81/09/26	S	720.0	C	2	N/A	RC	FUELXX	Refuel Outage Continues

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

The following refueling information is included in the Monthly Report as requested in a letter to Mr. G. C. Andognini dated January 18, 1978:

For your convenience, the information supplied has been enumerated so that each number corresponds to equivalent notation utilized in the request.

1. The name of this facility is Pilgrim Nuclear Power Station, Docket Number 50-293.

2. Scheduled date for next Refueling Shutdown: September, 1983

3. Scheduled date for restart following refueling: November, 1983

4.

5. Due to their similarity, requests 4, 5, & 6 are responded to collectively:

6. The fuel, which had been loaded during the 1981 scheduled refueling outage, is of the same P8x8R design, as loaded the previous outage consisting of 112 P8DRB282 assemblies and 60 P8DRB265 assemblies.

7. (a) There are 580 fuel assemblies in the core.
   (b) There are 936 fuel assemblies in the spent fuel pool.

8. (a) The station is presently licensed to store 2320 spent fuel assemblies. The actual spent fuel storage capacity is 1770 fuel assemblies at present.

   (b) The planned spent fuel storage capacity is 2320 fuel assemblies.

9. With present spent fuel in storage, the spent fuel pool now has the capacity to accommodate an additional 834 fuel assemblies.

MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED
56	DOOR SEAL FAN ROOM #4	SEAL WON'T SEAL	USE	NEW SEALS INSTALLED	N/A	
6	FEEDWATER CHECK VALVE 58A	FAILED LLRT	SOFT SEAT WEAR	REPAIR PER PROCEDURE 3.M.4.51 & 3.M.4.52	N/A	
6	FEEDWATER CHECK VALVE 62B	FAILED LLRT	SOFT SEAT WEAR	REPAIR PER PROCEDURE 3.M.4.51 & 3.M.4.52	N/A	
6	FEEDWATER CHECK VALVE 62A	FAILED LLRT	SOFT SEAT WEAR	REPAIR PER PROCEDURE 3.M.4.51 & 3.M.52	N/A	
30	"A" RBCCW HEAT EXCHANGER	BAD BAFFLE PLATES	DESIGN	REPAIRS UNDER PDCR 81-55	PDCR TO ALTER DESIGN	
1	AO 302-2B	FAILED LLRT	NORMAL USE	REBUILD & RESEAT	N/A	
1	AO 302-1B	FAILED LLRT	NORMAL USE	REBUILD & RESEAT	N/A	
1	AO 302-1C	FAILED LLRT	NORMAL USE	REBUILD & RESEAT	N/A	
1	AO 302-1A	FAILED LLRT	NORMAL USE	REBUILD & RESEAT	N/A	
1	AO 301-1D	FAILED LLRT	NORMAL USE	REBUILD & RESEAT	N/A	

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

Summary of Operations for November, 1981

The unit has been shut down all month for the 1981 Refueling Outage. All outage work continues.

Safety/Relief Valve Challenges for November, 1981:

Report Requirement: TMI T.A.P. II.K.33
No challenges for this month. Refuel Outage