

POOR ORIGINAL

OPERATING DATA REPORT

DOCKET NO. 50-293  
DATE 12/07/79  
COMPLETED BY C.M. Gaffney  
TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: November, 1979
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.
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:  
NONE

Notes

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	61152.0
12. Number Of Hours Reactor Was Critical	720.0	7189.2	44236.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	7085.9	42808.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1401048.0	13244352.0	71686152.0
17. Gross Electrical Energy Generated (MWH)	484740.0	4550580.0	23681054.0
18. Net Electrical Energy Generated (MWH)	466272.0	4379920.0	22741484.0
19. Unit Service Factor	100.0	88.4	70.0
20. Unit Availability Factor	100.0	88.4	70.0
21. Unit Capacity Factor (Using MDC Net)	96.7	81.6	55.5
22. Unit Capacity Factor (Using DER Net)	98.9	83.4	56.8
23. Unit Forced Outage Rate	0.0	11.2	10.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

REFUEL OUTAGE COMMENCING JANUARY 5, 1980 TO APRIL 7, 1980.

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

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# AVERAGE DAILY UNIT POWER LEVEL

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DOCKET NO. 50-293  
UNIT Pilgrim I  
DATE 12/07/79  
COMPLETED BY C.M. Gaffney  
TELEPHONE 617-746-7900

MONTH NOVEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>663.</u>
2	<u>662.</u>
3	<u>661.</u>
4	<u>522.</u>
5	<u>666.</u>
6	<u>668.</u>
7	<u>666.</u>
8	<u>668.</u>
9	<u>667.</u>
10	<u>667.</u>
11	<u>586.</u>
12	<u>637.</u>
13	<u>666.</u>
14	<u>666.</u>
15	<u>473.</u>
16	<u>662.</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>667.</u>
18	<u>666.</u>
19	<u>665.</u>
20	<u>666.</u>
21	<u>666.</u>
22	<u>663.</u>
23	<u>659.</u>
24	<u>657.</u>
25	<u>602.</u>
26	<u>666.</u>
27	<u>664.</u>
28	<u>663.</u>
29	<u>663.</u>
30	<u>663.</u>
31	<u>0.</u>

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## 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.

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

Summary of Operations for November, 1979

Maintained 100% power for the first 15 days of the month. Thursday, the 15th, the power was reduced to 50% for about 12 hrs. to perform condenser backwash, inspect water boxes, and miscellaneous repairs to the RFP piping. Returned to 100% power on Friday the 16th and maintained this power level until Sunday the 25th when the power was reduced to 90% to adjust the control rod pattern. Returned to 100% power the same day and maintained 100% for the remainder of the month.

The condenser was backwashed several times this month.

'A' Flatbed Filter was rebuilt this month.

The Capacity Factor for November was 96.7%.

### 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 No. 50-293.
2. Scheduled date for next Refueling Shutdown: January 1980.
3. Scheduled date for restart following refueling: April 1980
- 4.
5. Due to their similarity, requests 4, 5 & 6 are responded to collectively.
6. The fuel, which is presently expected to be loaded during the next scheduled shutdown, may be reloaded fuel of a new design and may therefore require a proposed license submittal and technical specification change. It is not possible, however, to supply pertinent information on dates. As information concerning fuel design, core configuration, Operational Review Committee determinations, proposed licensing action and technical specification submittals become available, it will be forwarded to you.
7. (a) There are 580 fuel assemblies in the core.  
(b) There are 580 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 1190 fuel assemblies.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

50-293  
 DCKET NO. 50-293  
 UNIT NAME Pilgrim I  
 DATE 12/07/79  
 COMPLETED BY C.M. Gaffney  
 TELEPHONE 617-746-7900

REPORT MONTH NOVEMBER, 1979

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting Down Reactor	License Event Report #	System Code	Component Code	Cause & Corrective Action to Prevent Recurrence
17	79/11/04	S	0.0	B	4				Main Condenser Backwash
18	79/11/15	S	0.0	B	4				Main Condenser Backwash and Inspection of water boxes.

- 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-Ma 4  
 2-Ma 1 Scram  
 3-Automatic Scram  
 4-Other (Explain)
- 4 Exhibit G - Instructions for Preparation of Data Entry Sheets for License Event Report (LER) File (NUREG-0161)
- 5 Exhibit I - Same Source

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POOR ORIGINAL

PILGRIM NUCLEAR POWER STATION  
MAJOR SAFETY RELATED MAINTENANCE

Month NOVEMBER, 1979

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