

OPERATING DATA REPORT

DOCKET NO. 50-293
 DATE 10/4/79
 COMPLETED BY C.M. Gaffney
 TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: PILGRIM 1
 2. Reporting Period: SEPTEMBER, 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

POOR ORIGINAL

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	6551.0	59687.0
12. Number Of Hours Reactor Was Critical	720.0	5741.3	42789.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	5645.7	41368.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1148664.0	10582536.0	69024336.0
17. Gross Electrical Energy Generated (MWH)	392730.0	3631330.0	22761804.0
18. Net Electrical Energy Generated (MWH)	379201.0	3494890.0	21856454.0
19. Unit Service Factor	100.0	86.2	69.3
20. Unit Availability Factor	100.0	86.2	69.3
21. Unit Capacity Factor (Using MDC Net)	78.6	79.6	54.7
22. Unit Capacity Factor (Using DER Net)	80.4	81.4	55.9
23. Unit Forced Outage Rate	0.0	13.3	11.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	NONE		

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	_____	_____

1154 295

(9/77)

7910160463

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
 UNIT Pilgrim 1
 DATE 10/4/79
 COMPLETED BY C.M. Gaffney
 TELEPHONE 617-746-7900

MONTH SEPTEMBER, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>529.</u>
2	<u>530.</u>
3	<u>529.</u>
4	<u>528.</u>
5	<u>529.</u>
6	<u>530.</u>
7	<u>530.</u>
8	<u>530.</u>
9	<u>533.</u>
10	<u>534.</u>
11	<u>529.</u>
12	<u>529.</u>
13	<u>528.</u>
14	<u>529.</u>
15	<u>471.</u>
16	<u>524.</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>532.</u>
18	<u>532.</u>
19	<u>531.</u>
20	<u>532.</u>
21	<u>529.</u>
22	<u>533.</u>
23	<u>532.</u>
24	<u>533.</u>
25	<u>531.</u>
26	<u>531.</u>
27	<u>530.</u>
28	<u>530.</u>
29	<u>487.</u>
30	<u>528.</u>
31	<u>N/A</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.

POOR ORIGINAL

(0/77)

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[illegible]

POOR ORIGINAL

115.4 297

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1979

DOCKET NO. 50-293
UNIT NAME Pilgrim I
DATE 10/4/79
COMPLETED BY C.M. Gaffney
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
14	08/28/79	F	0.0	B	3	79-33/1X-0	CZ	ZZZZZZ	During recovery from loss of offsite power event, B condensate pump failed. Repairs to pump and motor continue.

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

(9/77)

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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 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 and new high density fuel storage racks are in the process of being installed.
(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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BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION

Summary of Operations for September, 1979

Unit maintained 80% power, 140 Mwe reduction for the month, due to "B" Condensate pump being inoperable.

Reduced power to 50% for about eight hours for two condenser backwashes.

The outboard seal was replaced on "B" Reactor Feed Pump.

The capacity factor for the month of September was 78.6%.

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