

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim I
DATE 3/13/82
COMPLETED BY G. G. Whitney
TELEPHONE 617-746-7900

MONTH February, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	N/A
30	N/A
31	N/A

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 03/13/82
COMPLETED BY G.G. Whitney
TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: February, 1982
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	672.0	1416.0	80856.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	56033.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	0.0	54277.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	0.0	92817888.0
17. Gross Electrical Energy Generated (MWH)	0.0	0.0	30911234.0
18. Net Electrical Energy Generated (MWH)	0.0	0.0	29694484.0
19. Unit Service Factor	0.0	0.0	67.1
20. Unit Availability Factor	0.0	0.0	67.1
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	54.8
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	56.1
23. Unit Forced Outage Rate	0.0	0.0	10.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refuel and Maintenance Outage commenced 9/26/81			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Scheduled for March 21, 1982
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1982

50-293

DOCKET NO. 50-293UNIT NAME Pilgrim IDATE 3/13/82COMPLETED BY G. G. WhitneyTELEPHONE 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	672.0	C	5	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

BOSTON EDISON COMPANY

PILGRIM NUCLEAR POWER STATION

Summary of Operations for February, 1982

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

Safety/Relief Valve Challenges for February, 1982

Report Requirement: TMI T.A.P. II.K.33

No challenges for this month. Refuel Outage

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.

*Note: The refueling information supplied with the January, 1982, Monthly Report was incorrect. The information supplied in this month's report is the same as was reported in December, 1981.

MAJOR SAFETY RELATED MAINTENANCE

FEBRUARY

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED L.
61	Diesel Aux Gas Motor to Comp.	Broken Choke Cable		Replaced Cable	N/A	
63	Door Interlocks	Inop	Abuse During Outage	Replaced Defective components	N/A	
10	1001-60	Removed Valve Replaced - Set Limits		PM Operator		81-53 Update
10	1001-7A, 7C	Logic Malfunction	Corroded Open Contacts	Rebuilt Electrically - Replaced flex & gaskets		81-64
10	1001-36A	Sheared Bolts		Replaced & Torqued Bolts	Use Maximum Allowable Torque	81-057
29	P208-D & E	Rebuild Pumps		Vib Readings Balanced E	Normal Wear - Researching Material Change	
3	CRD Line Hangers	Loose Bolts, Missing Clamps		Tighten & Torque		82-005
	HPCI Turbine	SIL		Performed SIL Repair		
	RCIC Turbine	SIL		Performed SIL Repair		
12	1201-5	Seal Ring Leaking		Replaced Seal Ring		

MAJOR SAFETY RELATED MAINTENANCE

FEBRUARY

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED L.
3	CRD 30-15	Flange Leak		Replace 111 Valve		
3	CRD 30-35	Flange Leak		Tightened Flange		
3	CRD 06-35	Leaking		Replace 111 Valve		
3	CRD 14-35	Leaking		Replace 111 Valve		
3	CRD 18-19	Leaking		Replace 111 Valve		
3	CRD 30-11	Leaking		Replace 111 Valve		
3	CRD 34-19	Leaking		Replace 111 Valve		
3	CRD 38-15	Leaking		Replace 111 Valve		
3	CRD 38-35	Leaking		Replace 111 Valve		
50	Torus Vessel	Gouged		Repaired Gouges		81-61
3	CRD 10-19	Flange Leak		Retorqued		
3	CRD 38-39	Flange Leak		Retorqued		