

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293  
UNIT Pilgrim 1  
DATE \_\_\_\_\_  
COMPLETED BY P. Hamilton  
TELEPHONE (617) 746-7900

MONTH APRIL, 1984

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	0.
30	0.
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)

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# OPERATING DATA REPORT

DOCKET NO. 50-293  
 DATE \_\_\_\_\_  
 COMPLETED BY P.J. Hamilton  
 TELEPHONE (617) 746-7900

## OPERATING STATUS

1. Unit Name: Pilgrim I
2. Reporting Period: April, 1984
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	719.0	2903.0	99863.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	69746.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	0.0	67534.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	0.0	0.0	116932632.0
17. Gross Electrical Energy Generated (MWH)	0.0	0.0	39228314.0
18. Net Electrical Energy Generated (MWH)	0.0	0.0	37693409.0
19. Unit Service Factor	0.0	0.0	67.6
20. Unit Availability Factor	0.0	0.0	67.6
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	56.3
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	57.6
23. Unit Forced Outage Rate	0.0	0.0	9.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Shutdown for refueling and recirculation pipe replacement - Outage commenced  
on December 10, 1983.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 1984

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

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL, 1984DOCKET NO. 50-293UNIT NAME Pilgrim 1

DATE

COMPLETED BY P. HamiltonTELEPHONE (617) 746-7900

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
16	83/12/10	S	719.0	C	1	N/A	N/A	N/A	N/A - Shutdown for refueling and recirculation pipe replacement.

Type	Reason	Method	System & Component
F-Forced S-Sched	A-Equip Failure B-Maint or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination	F-Admin G-Oper Error H-Other	1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced Load 9-Other
			Exhibit F & H Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)

## REFUELING INFORMATION

The following refueling information is included in the Monthly Report as requested in an NPC letter to BECo 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: March 1986
3. Scheduled date for restart following refueling: September 1984
- 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 -0- fuel assemblies in the core.  
(b) There are 1,708 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 62 fuel assemblies.

BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION  
DOCKET NO. 50-293

Operational Summary for APRIL 1984

The Unit has been shut down all month for Refueling Outage #6  
and recirculation pipe replacement.  
All outage work continued.

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Safety Relief Valve Challenges

Month of APRIL 1984

Requirement: T.M.I.

T.A.P.

11.K.3.3

Reason: No safety/relief valve challenges occurred during  
the month of April 1984. Refuel Outage #6 is in  
progress.

PILGRIM NUCLEAR POWER STATION

Month APRIL, 1984

MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED L.
Main Steam	MSIV's	Failed APP. "J" LLRT	Probable Seat Wear	Continued Repair of Valve Inter- nals	PDC 83-48 Installation	Update to 83-065/ 03L-0 to be issued.
Main Steam	Safety Re- lief Valves	Lifted above Specs	Under Investi- gation	Refurbish and reset	Plan being developed	84-005
Main Steam	Safety Valves	Lifted below Specs	Under Investi- gation	Refurbish and reset	Plan being developed	84-004
Recirc.	Piping	Weld Indications	Inter- granular Stress Corrosion Cracking	Completed re- moval of pipe	Replacement of piping	83-063/01T



BOSTON EDISON COMPANY  
800 BOYLSTON STREET  
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

May 14, 1984  
BECO Ltr. #84-69

Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attn: Document Control Desk

Docket No. 50-293  
License DPR-35

Subject: April 1984 Monthly Report

Dear Sir:

In accordance with PNPS Technical Specification 6.9.A.2, a copy of the Operational Status Summary for Pilgrim Nuclear Power Station is attached for your information and planning.

Respectfully submitted,

*W D Harrington*

W. D. Harrington

:ko

Attachment

cc: Regional Administrator, Region 1  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

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