

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293  
UNIT Pilgrim 1  
DATE 12/11/84  
COMPLETED BY P. Hamilton  
TELEPHONE (617)746-7900

MONTH November 1984

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

8412210062 841130  
PDR ADOCK 05000293  
R PDR

IE24  
1/1

# OPERATING DATA REPORT

DOCKET NO. 50-293  
 DATE 12/11/84  
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 TELEPHONE (617)746-7900

## OPERATING STATUS

1. Unit Name Pilgrim 1  
 2. Reporting Period November 1984  
 3. Licensed Thermal Power (MWt) 1993  
 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	8040.0	105000.0
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	64.8
20. Unit Availability Factor	0.0	0.0	64.3
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	53.6
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	54.8
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 Dec. 1984  
 26. Units In Test Status (Prior to Commercial Operation):

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

(9/77)

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-293  
 UNIT NAME Pilgrim 1  
 DATE 12/11/84  
 COMPLETED BY P. Hamilton  
 TELEPHONE (617) 746-7900

REPORT MONTH November, 1984

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
16	83/12/10	S	720.0	C	1	N/A	N/A	N/A	N/A - Shutdown for refueling and recirculation pipe replacement.

1

2

2

3

4 &amp; 5

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-1022)

### REFUELING INFORMATION

The following refueling information is included in the Monthly Report as requested in an NRC 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: August 1986
3. Scheduled date for restart following refueling: December 1984
- 4.
5. Due to their similarity, requests 4, 5, & 6 are responded to collectively:
6. The new fuel, which is being loaded this refueling outage, is of the same P8x8R design, as loaded the previous outage and consists of 160 P8DRB282 assemblies and 32 GE6B-P8DRB282 assemblies.
7. (a) There are 580 fuel assemblies in the core.  
(b) There are 1,128 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 642 fuel assemblies.

Month November 1984

PILGRIM NUCLEAR POWER STATION  
MAJOR SAFETY RELATED MAINTENANCE

<u>SYSTEM</u>	<u>COMPONENT</u>	<u>MALFUNCTION</u>	<u>CAUSE</u>	<u>MAINTENANCE</u>	<u>CORRECTIVE ACTION TO PREVENT RECURRENCE</u>	<u>ASSOCIATED LER</u>
HVAC	Fire Damper	Missing	Installation Oversight	Install	Isolated Incident	Update LER 84-007 (To be issued.)
Cont. Atmos. Control	Valve AO-5033B	Failed App. "J" LLRT	Packing Leak	Repacked Valve	N/A	Update LER 83-065 (To be issued.)

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

Operational Summary for November 1984

The Unit has been shut down all month for Refuel Outage #6. Refuel operations were completed on 11/14/84. The reactor vessel hydro commenced on 11/30/84.

All outage work continued.

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Safety Relief Valve Challenges

Month of November 1984

Requirement: NUREG-0737

T.A.P.

II.K.3.3

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

BOSTON EDISON COMPANY  
800 BOYLSTON STREET  
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

December 11, 1984  
BECO Ltr. #84-208

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

Attn: Document Control Desk

License No. DPK-35  
Docket No. 50-293

Subject: November 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

:caw

Attachment

cc: Regional Administrator, Region I  
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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