

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293  
 UNIT Pilgrim 1  
 DATE Sept. 12, 1984  
 COMPLETED BY P. Hamilton  
 TELEPHONE (617)746-7900

MONTH August 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>0.</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.

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OPERATING DATA REPORT

DOCKET NO. 50-293  
 DATE Sept. 12, 1984  
 COMPLETED BY P. Hamilton  
 TELEPHONE (617)746-7900

OPERATING STATUS

- |  | Notes |
|--|-------|
| 1. Unit Name <u>Pilgrim 1</u>  |       |
| 2. Reporting Period <u>August 1984</u>   |       |
| 3. Licensed Thermal Power (Mwt) <u>1998</u>  |       |
| 4. Nameplate Rating (Gross MWe) <u>678</u>   |       |
| 5. Design Electrical Rating (Net MWe) <u>655</u>   |       |
| 6. Maximum Dependable Capacity (Gross MWe) <u>690</u>  |       |
| 7. Maximum Dependable Capacity (Net MWe) <u>670</u>  |       |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:<br><u>None</u> |       |
| 9. Power Level To Which Restricted, If Any (Net MWe) <u>None</u>   |       |
| 10. Reasons For Restrictions, If Any <u>N/A</u>  |       |

	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
11. Hours In Reporting Period	<u>744.0</u>	<u>5855.0</u>	<u>102815.0</u>
12. Number Of Hours Reactor Was Critical	<u>0.0</u>	<u>0.0</u>	<u>69746.3</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>0.0</u>	<u>67534.0</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>116932632.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>39228314.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>37693409.0</u>
19. Unit Service Factor	<u>0.0</u>	<u>0.0</u>	<u>65.7</u>
20. Unit Availability Factor	<u>0.0</u>	<u>0.0</u>	<u>65.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>0.0</u>	<u>54.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>0.0</u>	<u>56.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>9.2</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Shutdown for refueling and recirculation pipe replacement - Outage commenced on December 10, 1983.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup Oct. 1984  
 26. Units In Test Status (Prior to Commercial Operation):

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-293  
 UNIT NAME Pilgrim 1  
 DATE Sept. 12, 1984  
 COMPLETED BY P. Hamilton  
 TELEPHONE (617) 746-7900

REPORT MONTH August 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	744.0	C	1	N/A	N/A	N/A	N/A - Shutdown for refueling and recirculation pipe replacement.

1	2	2	3	4 & 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: March 1986
3. Scheduled date for restart following refueling: October 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 August 1984

The Unit has been shut down all month for Refuel Outage #6 and recirculation pipe replacement.

All outage work continued.

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Safety Relief Valve Challenges

Month of August 1984

Requirement: NUREG-0737

T.A.P.

II.K.3.3

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

Month August 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>
Main Steam	MSIV's	Failed App. "J" LLRT	Probable Seat Wear	Continued Repair of Valve Internals	Continued Modification per PDC 83-48	Update to 83-065/03L-0 to be issued.
Main Steam	Safety Relief Valves	Lifted above Specs.	Under investigation	Continued to Refurbish and Reset SRV's	New Pilot Disc Material - Revise Operating Procedures.	84-005 - Update to be issued.
Recirc.	Piping	Weld Indications	Inter-granular Stress Corrosion Cracking	Continued Welding of Replacement Pipe	Replacement of piping.	83-063/01T-0
Recirc.	Nozzles	Weld Indications	Inter-granular Stress Corrosion Cracking	Completed Repair of Nozzles	Under investigation.	Ref. I&E Info. Notice 84-41

BOSTON EDISON COMPANY  
800 BOYLSTON STREET  
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

September 12, 1984  
BECO Ltr. #84-148

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

Attn: Document Control Desk

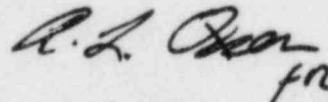
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Docket No. 50-293

Subject: August 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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11