AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim 1
DATE Oct. 10, 1984
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

MONTH September 1984

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

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.

IE24
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OPERATING DATA REPORT

DOCKET NO. 50-293
DATE Oct. 10, 1984
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

OPERATING STATUS

1. Unit Name Pilgrim 1
2. Reporting Period September 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
9. Power Level To Which Restricted, If Any (Net MWe) None
10. Reasons For Restrictions, If Any N/A

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	720.0	6575.0	103535.0
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	65.2
20. Unit Availability Factor	0.0	0.0	65.2
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	54.3
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	55.6
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 Nov. 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 Oct. 10, 1984
COMPLETED BY P. Hamilton
TELEPHONE (617) 746-7900

REPORT MONTH September 1984

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTTING DOWN REACTOR[3]	LICENSE EVENT REPORT #	SYSTEM CODE[4]	COMPONENT CODE[5]	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 & 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: November 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 September 1984

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

All outage work continued.

Safety Relief Valve Challenges

Month of September 1984

Requirement: NUREG-0737 T.A.P. II.K.3.3

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

Month September 1984

PILGRIM NUCLEAR POWER STATION

MAJOR SAFETY RELATED MAINTENANCE

SYSTEM	COMPONENT	MALFUNCTION	CAUSE	MAINTENANCE	CORRECTIVE ACTION TO PREVENT RECURRENCE	ASSOCIATED LER
Main Steam	MSIV's	Failed App. "J" LLRT	Probable Seat Wear	Completed Repair of Valve Internals	Completed Modification per PDC 83-48	Update to 83-065/ 03L-0 to be issued.
CRD	Collet Retainer Tube	Weld Indications	Under Investiga-tion	Completed Replacement of Collet Retainer	Under Investigation	LER 84-010-00 - Update to be issued.

BOSTON EDISON COMPANY
800 BOYLSTON STREET
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON
SENIOR VICE PRESIDENT
NUCLEAR

October 10, 1984
BECo Ltr. #84-173

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

Attn: Document Control Desk

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

Subject: September 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

: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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