

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
UNIT Pilgrim 1
DATE 11/14/84
COMPLETED BY P. Hamilton
TELEPHONE (617)746-7900

MONTH October 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
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OPERATING STATUS

1. Unit Name	Pilgrim 1	Notes
2. Reporting Period	October 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

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7320.0	104280.0
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	64.8
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	53.9
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	55.2
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 11/14/84
 COMPLETED BY P. Hamilton
 TELEPHONE (617) 746-7900

REPORT MONTH October 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	745.0	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 is being loaded this refueling outage, is of the same P8x8R design, as loaded the previous outage and will consist of 160 P8DRB282 assemblies and 32 GE6B-P8DRB282 assemblies.
7. (a) There are 70 fuel assemblies in the core.
(b) There are 1,638 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 132 fuel assemblies.

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

Operational Summary for October 1984

The Unit has been shut down all month for Refuel Outage #6 and recirculation pipe replacement. Refuel operations commenced 10/30/84.

All outage work continued.

Safety Relief Valve Challenges

Month of October 1984

Requirement: NUREG-0737

T.A.P.

II.K.3.3

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

Month October 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>
HPCI	Overspeed Trip Mechanism	N/A - Observed to be damaged during prev. maint.	Damaged due to normal wear.	Replace	Isolated Incident	N/A
Recirc.	Jet PP Instru. Nozzle	Indications	Probable Manufacturing Defect	Weld Repair	Isolated Incident	LER 84-013

BOSTON EDISON COMPANY
800 BOYLSTON STREET
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON
SENIOR VICE PRESIDENT
NUCLEAR

November 14, 1984
BECo Ltr. #84-195

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: October 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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