

OPERATING DATA REPORT

DOCKET NO. 50-293
 DATE 2/8/79
 COMPLETED BY C. J. Mathis
 TELEPHONE 617-746-7900

OPERATING STATUS

1. Unit Name: Pilgrim I
 2. Reporting Period: January, 1979
 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.

Notes

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 | 744.0 | 744.0 | 53880.0 |
| 12. Number Of Hours Reactor Was Critical | 744.0 | 744.0 | 37791.7 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 744.0 | 744.0 | 36466.6 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1478904.0 | 1478904.0 | 59920704.0 |
| 17. Gross Electrical Energy Generated (MWH) | 508640.0 | 508640.0 | 19639114.0 |
| 18. Net Electrical Energy Generated (MWH) | 489499.0 | 489499.0 | 18851063.0 |
| 19. Unit Service Factor | 100.0 | 100.0 | 67.7 |
| 20. Unit Availability Factor | 100.0 | 100.0 | 67.7 |
| 21. Unit Capacity Factor (Using MDC Net) | 98.2 | 98.2 | 52.2 |
| 22. Unit Capacity Factor (Using DER Net) | 100.4 | 100.4 | 53.4 |
| 23. Unit Forced Outage Rate | 0.0 | 0.0 | 10.5 |

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):

NONE

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

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

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-293
 UNIT PILGRIM I
 DATE 2/8/79
 COMPLETED BY C.J.Mathis
 TELEPHONE 617-746-7900

MONTH January, 1979

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 660. | 17 | 662. |
| 2 | 660. | 18 | 661. |
| 3 | 660. | 19 | 661. |
| 4 | 660. | 20 | 651. |
| 5 | 661. | 21 | 662. |
| 6 | 661. | 22 | 661. |
| 7 | 661. | 23 | 661. |
| 8 | 662. | 24 | 661. |
| 9 | 662. | 25 | 584. |
| 10 | 661. | 26 | 658. |
| 11 | 662. | 27 | 659. |
| 12 | 661. | 28 | 661. |
| 13 | 662. | 29 | 660. |
| 14 | 659. | 30 | 660. |
| 15 | 661. | 31 | 661. |
| 16 | 662. | | |

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1979

DOCKET NO. 50-293
 UNIT NAME Pilgrim I
 DATE 2/8/79
 COMPLETED BY C.J.Mathis
 TELEPHONE 617-746-7900

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-----|------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| | | | | | | | | | |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

REFUELING INFORMATION

The following refueling information is included in the Monthly Report as requested in a letter to Mr. G. C. Andognini 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 No. 50-293.
2. Scheduled date for next Refueling Shutdown: January 1980
3. Scheduled date for restart following refueling: April, 1980
- 4.
5. Due to their similarity, requests 4, 5 & 6 are responded to collectively:
- 6.

The fuel, which is presently expected to be loaded during the next scheduled shutdown, may be reload fuel of a new design and may therefore require a proposed license submittal and technical specification changes. It is not possible, however, to supply pertinent information on dates. As information concerning fuel design, core configuration, Operational Review Committee determinations, proposed licensing action, and technical specification submittals becomes available, it will be forwarded to you.

7. (a) There are 580 fuel assemblies in the core.
(b) There are 580 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 1160 fuel assemblies and new high density fuel storage racks are in the process of being installed.
(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 580 fuel assemblies (one core).

BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION
DOCKET NO. 50-203
SUMMARY OF OPERATIONS FOR JANUARY, 1979

The month of January, 1979 began with the unit operating at 100% power.

The unit remained at 100% power level until 1400 hours on January 25, 1979, at which time a power reduction was necessary due to a high condenser ΔT . This was the direct result of a severe storm which resulted in extremely heavy seas which caused seaweed to foul our main condenser tube sheets. At 1936 hours, Operations personnel began backwashing the main condenser and at 2330 hours the condenser backwash was completed and the reactor power level was increased to 100%.

The unit remained at 100% power for the remainder of the month.

The Capacity Factor for the month was 98.2% with 100% availability.