



Entergy Nuclear Generation Co.
Pilgrim Station
600 Rocky Hill Road
Plymouth, MA 02360

William J. Riggs
Director, Nuclear Assessment

October 12, 2001
ENG C Ltr. 2.01.096

Tech. Spec. 5.6.4

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Docket No. 50.293
License No. DPR-35

SEPTEMBER 2001 Monthly Operating Report

In accordance with Pilgrim Nuclear Power Station Technical Specification 5.6.4, the operational status summary for Pilgrim Nuclear Power Station is provided in the attachment for your information and planning. Should you have questions or comments concerning this report, please contact Jeff Rogers at (508) 830-8110.

Sincerely,

A handwritten signature in cursive script, appearing to read "W. J. Riggs".

W. J. Riggs

JLR/

Attachment: SEPTEMBER 2001 Monthly Operating Report

cc: Mr. Hubert Miller
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector

IE24

Attachment

OPERATING DATA REPORT

DOCKET NO. 50-293
 NAME: Pilgrim
 COMPLETED BY: J. L. Rogers
 TELEPHONE: (508) 830-8110
 REPORT MONTH: SEPTEMBER 2001

OPERATING STATUS**NOTES**

1. Unit Name PILGRIM 1
2. Reporting Period SEPTEMBER 2001
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) 680
7. Maximum Dependable Capacity (Net MWe) 653
8. If Changes Occur in Capacity Ratings (Items 3 through 7) Since Last Report, Give Reasons:
No changes.
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

| | <u>THIS MONTH</u> | <u>YR-TO-DATE</u> | <u>CUMULATIVE</u> |
|--|-----------------------|-------------------|-------------------|
| 11. Hours in Reporting Period | 720.0 | 6,551.0 | 252,551.0 |
| 12. Hours Reactor Critical | 720.0 | 5,832.1 | 172,335.7 |
| 13. Hours Reactor Reserve Shutdown | 0.0 | 0.0 | 0.0 |
| 14. Hours Generator On-Line | 720.0 | 5,758.7 | 167,128.5 |
| 15. Hours Unit Reserve Shutdown | 0.0 | 0.0 | 0.0 |
| 16. Gross Thermal Energy Generated (MWH) | 1,414,723.2 | 11,122,335.1 | 303,904,916.4 |
| 17. Gross Electrical Energy Generated (MWH) | 494,710.0 | 3,879,730.0 | 103,468,694.0 |
| 18. Net Electrical Energy Generated (MWH) | 475,870.1 | 3,730,898.1 | 99,493,287.9 |
| 19. Unit Service Factor | 100.0 | 87.9 | 66.2 |
| 20. Unit Availability Factor | 100.0 | 87.9 | 66.2 |
| 21. Unit Capacity Factor (Using MDC Net) | 101.2 | 87.2 | 60.3 |
| 22. Unit Capacity Factor (Using DER Net) | 100.9 | 86.9 | 60.1 |
| 23. Unit Forced Outage Rate | 0.0 | 2.0 | 10.0 |
| 24. Shutdowns, Scheduled Outages Over Next 6 Months (Type, Date, Duration) | <u>None.</u> | | |
| 25. If Shutdown at End of Report Period, Estimated Date of Start-Up: | <u>Unit Operating</u> | | |

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OPERATIONAL SUMMARY

The plant entered the reporting period at 100 percent core thermal power (CTP). On September 14, at 0913 hours, an unintended power reduction to approximately 75 percent CTP occurred during installation of a temporary modification of the feedwater level control system. At 1057 hours, reactor power was restored to 100 percent CTP where it was maintained until 0500 hours on September 17 when a power reduction to approximately 50 percent CTP commenced to perform a main condenser thermal backwash. Control rod testing was also performed during the reactor downpower. Reactor power was restored to 100 percent CTP on September 18, where it was maintained through the end of the reporting period.

UNIT SHUTDOWNS

| NO. | DATE | TYPE 1 | DURATION (HOURS) | REASON 2 | METHOD OF SHUTTING DOWN REACTOR 3 | CAUSE/CORRECTIVE ACTION/COMMENTS |
|-----|------|-----------|---------------------|-------------|--|----------------------------------|
| | | | | | | |

1

F - Forced
S - Scheduled

2

A - Equip Failure
 B - Main or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training &
 License Examination
 F - Admin
 G - Operation Error
 H - Other

3

1 - Manual
 2 - Manual Scram
 3 - Auto Scram
 4 - Continuation
 5 - Other