

Davis-Besse Nuclear Power Station
5501 North State Route 2
Oak Harbor, OH 43449-9760

April 11, 1997
KB-97-0068

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

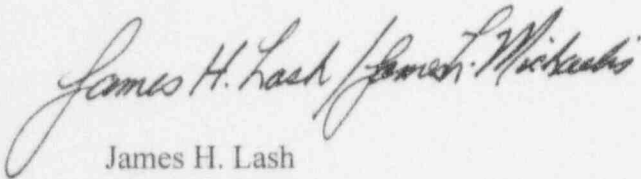
Ladies and Gentlemen:

Monthly Operating Report, March 1997
Davis-Besse Nuclear Power Station Unit 1

Enclosed is a copy of the Monthly Operating Report for Davis-Besse Nuclear Power Station Unit 1 for the month of March 1997.

If you have any questions, please contact E. C. Matranga at (419) 321-8369.

Very truly yours,



James H. Lash
Plant Manager
Davis-Besse Nuclear Power Station

ECM/ljk

Enclosure

cc: A. B. Beach
NRC Region III Administrator

A. G. Hansen
NRC Project Manager

S. Stasek
NRC Senior Resident Inspector

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PDR ADOCK 05000346
R PDR



IE24/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-0346

UNIT Davis-Besse Unit 1

DATE April 1, 1997

COMPLETED BY Eugene C. Matranga

TELEPHONE 419/321-8369

MONTH March, 1997

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 876 | 17 | 881 |
| 2 | 875 | 18 | 883 |
| 3 | 881 | 19 | 883 |
| 4 | 881 | 20 | 881 |
| 5 | 881 | 21 | 877 |
| 6 | 881 | 22 | 883 |
| 7 | 882 | 23 | 882 |
| 8 | 887 | 24 | 883 |
| 9 | 881 | 25 | 878 |
| 10 | 881 | 26 | 881 |
| 11 | 884 | 27 | 877 |
| 12 | 884 | 28 | 874 |
| 13 | 881 | 29 | 890 |
| 14 | 881 | 30 | 878 |
| 15 | 882 | 31 | 882 |
| 16 | 883 | | |

OPERATING DATA REPORT

DOCKET NO 50-0346
 DATE April 1, 1997
 COMPLETED BY Eugene C. Matranga
 TELEPHONE 419/321-8369

OPERATING STATUS

1. Unit Name: Davis-Besse Unit 1
2. Reporting Period March, 1997
3. Licensed Thermal Power (MWt) 2772
4. Nameplate Rating (Gross MWe) 925
5. Design Electrical Rating (Net MWe) 906
6. Maximum Dependable Capacity (Gross MWe) 917
7. Maximum Dependable Capacity (Net MWe) 873
8. If Changes Occur in Capacity Ratings
(Items number 3 through 7) since last report, give reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any (Net MWe): _____

| | This Month | Yr-to-Date | Cumulative |
|---|------------|------------|--------------------------|
| 11. Hours In Reporting Period | 744.00 | 2,160.00 | 163,657.00 |
| 12. Number Of Hours Reactor Was Critical | 744.00 | 2,160.00 | 108,355.97 |
| 13. Reactor Reserve Shutdown Hours | 0.00 | 0.00 | 5,532.00 |
| 14. Hours Generator On-Line | 744.00 | 2,154.26 | 106,057.76 |
| 15. Unit Reserve Shutdown Hours | 0.00 | 0.00 | 1,732.50 |
| 16. Gross Thermal Energy Generated (MWH) | 2,059,707 | 5,938,043 | 276,516,888 |
| 17. Gross Electrical Energy Generated (MWH) | 689,368 | 1,990,895 | 89,920,972 |
| 18. Net Electrical Energy Generated (MWH) | 655,598 | 1,893,105 | 84,936,299 |
| 19. Unit Service Factor | 100.00 | 99.73 | 64.80 |
| 20. Unit Availability Factor | 100.00 | 99.73 | 65.86 |
| 21. Unit Capacity Factor (Using MDC Net) | 100.94 | 100.39 | 59.45 |
| 22. Unit Capacity Factor (Using DER Net) | 97.26 | 96.74 | 57.28 |
| 23. Unit Forced Outage Rate | 0.00 | 0.26 | 16.99 |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | <u>Outage considered</u> |
| for late April to replace RCP 2-2 motor has been canceled because temperatures have stabilized. | | | |

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

| | Forecast | Achieved |
|--|----------|----------|
| | | |
| | | |

OPERATIONAL SUMMARY

March 1997

Reactor power was maintained at approximately 100 percent full power until 0006 hours on March 2, 1997, when a manual power reduction was initiated to perform turbine valve testing. Reactor power was reduced to approximately 92 percent full power by 0039 hours, and control valve and stop valve testing were conducted. At the completion of testing at 0210 hours, power was gradually increased to approximately 100 percent full power, which was achieved at 0304 hours.

Reactor power was maintained at approximately 100 percent full power until 0055 hours on March 30, 1997, when a manual power reduction was initiated to perform turbine valve testing. Reactor power was reduced to approximately 92 percent full power by 0140 hours, and control valve and stop valve testing were conducted. At the completion of testing at 0218 hours, power was gradually increased to approximately 100 percent full power, which was achieved at 0308 hours.

Reactor power was maintained at approximately 100 percent full power for the remainder of the month.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-346
 UNIT NAME Davis-Besse #1
 DATE April 1, 1997
 COMPLETED BY E. C. Matranga
 TELEPHONE (419) 321-8369

Report Month March, 1997

| 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 |
|-----|------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| | | | | | | | | | No Significant Shutdowns Or Power Reductions |

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-Continuation from Previous Month
 5-Load Reduction
 9-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
 *Report challenges to Power Operated Relief Valves (PORVs) and Pressurizer Code Safety Valves (PCSVs)