



EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

January 12, 1996
KB-96-00006

Docket No. 50-346
License No. NPF-3

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

Gentlemen:

Monthly Operating Report, December, 1995
Davis-Besse Nuclear Power Station Unit 1

Enclosed is a copy of the Monthly Operating Report for Davis-Besse Nuclear Power Station Unit No. 1 for the month of December, 1995.

If you have any questions, please contact G. M. Wolf at (419) 321-8114.

Very truly yours,

John K. Wood
John K. Wood
Plant Manager
Davis-Besse Nuclear Power Station

GMW/dmc

Enclosures

cc: L. L. Gundrum
NRC Project Manager

H. J. Miller
Region III Administrator

S. Stasek
NRC Senior Resident Inspector, Stop 4030

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-0346

UNIT Davis-Besse Unit 1

DATE Jan. 2, 1996

COMPLETED BY Gerald M. Wolf

TELEPHONE 419/321-8114

MONTH December, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	881	17	884
2	863	18	883
3	881	19	883
4	883	20	883
5	882	21	883
6	883	22	883
7	883	23	507
8	883	24	883
9	883	25	885
10	883	26	886
11	883	27	885
12	883	28	885
13	882	29	884
14	882	30	884
15	883	31	883
16	884		

OPERATING DATA REPORT

DOCKET NO 50-0346
 DATE Jan. 2, 1996
 COMPLETED BY Gerald M. Wolf
 TELEPHONE 419/321-8114

OPERATING STATUS

- 1. Unit Name: Davis-Besse Unit 1
- 2. Reporting Period Dec., 1995
- 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) 915
- 7. Maximum Dependable Capacity (Net MWe) 871
- 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	8,760.00	152,713.00
12. Number Of Hours Reactor Was Critical	744.00	8,760.00	98,705.77
13. Reactor Reserve Shutdown Hours	0.00	0.00	5,532.00
14. Hours Generator On-Line	744.00	8,760.00	96,450.90
15. Unit Reserve Shutdown Hours	0.00	0.00	1,732.50
16. Gross Thermal Energy Generated (MWH)	2,035,757	24,141,836	250,237,909
17. Gross Electrical Energy Generated (MWH)	681,338	8,062,614	81,134,102
18. Net Electrical Energy Generated (MWH)	647,674	7,670,572	76,581,940
19. Unit Service Factor	100.00	100.00	63.16
20. Unit Availability Factor	100.00	100.00	64.29
21. Unit Capacity Factor (Using MDC Net)	99.95	100.53	57.57
22. Unit Capacity Factor (Using DER Net)	96.08	96.65	55.35
23. Unit Forced Outage Rate	0.00	0.00	18.37

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
 Scheduled maintenance and refueling outage - April 8, 1996. Planned duration - 39 days.

- 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

_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-346
 UNIT NAME: Davis-Besse #1
 DATE: January 2, 1996
 Completed by: G. M. Wolf
 Telephone: (419) 321-8114

Report Month December 1995

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
3	95-12-23	F	N/A	B	5	N/A	N/A	N/A	Power reduction to approximately 29 percent to check the oil level of reactor coolant pump 2-2 motor thrust bearing

¹F: Forced
 S: Scheduled

²Reason:
 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)

³Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation from Previous Month
 5-Load Reduction
 9-Other (Explain)

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

⁵Exhibit I - Same Source
 *Report challenges to Power Operated Relief Valves (PORVs) and Pressurizer Code Safety Valves (PCSVs)

OPERATIONAL SUMMARY

December 1995

Reactor power was maintained at approximately 100 percent full power until 0000 hours on December 2, 1995, when a manual power reduction was initiated. Reactor power was reduced to approximately 97 percent full power by 0200 hours to conduct the moderator temperature coefficient testing. At the completion of testing at 2011 hours, power was gradually increased to approximately 100 percent full power, which was achieved at 2120 hours.

Reactor power was maintained at approximately 100 percent full power until 0000 hours on December 23, when a power reduction was initiated to reduce containment radiation levels to support a containment entry. Reactor power was manually reduced to approximately 29 percent full power by 0906 hours, and personnel entered containment to check the oil level of reactor coolant pump 2-2 motor thrust bearing. Once work in containment was complete at 1108 hours, a manual power ascension was initiated. Four brief pauses were made during the power ascension:

from 1146 to 1205 hours, reactor power was held at approximately 37 percent full power to replace relays in the turbine electro-hydraulic control system,

from 1555 to 1622 hours, reactor power was held at approximately 68 percent full power to place the second main feed pump in service,

from 1841 to 1905 hours, reactor power was held at approximately 85 percent to perform main turbine stop valve testing,

from 1957 to 2013 hours, reactor power was held at approximately 94 percent to perform main turbine control valve testing.

Reactor power reached approximately 100 percent full power at 2120 hours, and was maintained at approximately 100 percent full power for the rest of the month.