



A Centenor Energy Company

EDISON PLAZA  
300 MADISON AVENUE  
TOLEDO, OHIO 43652-0001

October 15, 1996  
KB-96-0312

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

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

Ladies and Gentlemen:

Monthly Operating Report, September 1996  
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 September 1996.

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

cc: A. B. Beach  
NRC Region III Administrator

A. G. Hansen  
NRC Project Manager

S. Stasek  
NRC Senior Resident Inspector, DB-4030

*JE24/1*

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-0346UNIT Davis-Besse Unit 1DATE October 1, 1996COMPLETED BY Eugene C. MatrangaTELEPHONE 419/321-8369MONTH September, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>876</u>	16	<u>883</u>
2	<u>856</u>	17	<u>881</u>
3	<u>876</u>	18	<u>881</u>
4	<u>876</u>	19	<u>883</u>
5	<u>875</u>	20	<u>883</u>
6	<u>870</u>	21	<u>882</u>
7	<u>874</u>	22	<u>881</u>
8	<u>876</u>	23	<u>883</u>
9	<u>875</u>	24	<u>882</u>
10	<u>878</u>	25	<u>885</u>
11	<u>876</u>	26	<u>883</u>
12	<u>881</u>	27	<u>878</u>
13	<u>884</u>	28	<u>885</u>
14	<u>885</u>	29	<u>884</u>
15	<u>848</u>	30	<u>883</u>

OPERATING DATA REPORT

DOCKET NO 50-0346  
 DATE October 1, 1996  
 COMPLETED BY Eugene C. Matranga  
 TELEPHONE 419/321-8369

OPERATING STATUS

- 1. Unit Name: Davis-Besse Unit 1
- 2. Reporting Period September, 1996
- 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
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- 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	720.00	6,575.00	159,288.00
12. Number Of Hours Reactor Was Critical	7 0.00	5,281.20	103,986.97
13. Reactor Reserve Shutdown Hours	0.00	0.00	5,532.00
14. Hours Generator On-Line	720.00	5,435.60	101,886.50
15. Unit Reserve Shutdown Hours	0.00	0.00	1,732.50
16. Gross Thermal Energy Generated (MWH)	1,989.852	14,225.682	264,463.591
17. Gross Electrical Energy Generated (MWH)	664.485	4,742.438	85,876.540
18. Net Electrical Energy Generated (MWH)	632.204	4,507.064	81,089.004
19. Unit Service Factor	100.00	82.67	63.96
20. Unit Availability Factor	100.00	82.67	65.05
21. Unit Capacity Factor (Using MDC Net)	100.58	78.52	58.31
22. Unit Capacity Factor (Using DER Net)	96.92	75.66	56.19
23. Unit Forced Outage Rate	0.00	0.00	17.56
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	_____		

- 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 October 1, 1996  
 COMPLETED BY E. C. Matranga  
 TELEPHONE (419) 321-8369

Report Month September, 1996

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									No Significant Shutdowns Or Power Reductions.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

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

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

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

## OPERATIONAL SUMMARY

September 1996

Reactor power was maintained at approximately 100 percent full power until 0230 hours on September 2, 1996, when a manual power reduction was initiated at the request of the load dispatcher. Reactor power was reduced to approximately 90 percent full power by 0330 hours. At 0800 hours, power was then gradually increased to approximately 100 percent full power, which was achieved at 0911 hours.

Reactor power was maintained at approximately 100 percent full power until 0000 hours on September 15, 1996, when a manual power reduction was again initiated to perform turbine valve testing and control rod exercising. Reactor power was reduced to approximately 93 percent full power by 0110 hours, and control valve testing and control rod exercising was conducted. At the completion of testing at 0204 hours, power was further reduced to approximately 90 percent full power at the request of the load dispatcher. At 1000 hours, power was then gradually increased to approximately 100 percent full power, which was achieved at 1127 hours.

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