

OPERATING DATA REPORT

DOCKET NO. 50-346  
 DATE 2/12/88  
 COMPLETED BY J. Cipriani  
 TELEPHONE 87365

OPERATING STATUS

1. Unit Name: Davis-Besse Unit 1  
 2. Reporting Period: January 1988  
 3. Licensed Thermal Power (MWt): 2772  
 4. Nameplate Rating (Gross MWe): 925  
 5. Design Electrical Rating (Net MWe): 406  
 6. Maximum Dependable Capacity (Gross MWe): 904  
 7. Maximum Dependable Capacity (Net MWe): 860  
 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): continued at 81 percent  
 10. Reasons For Restrictions, If Any: due to the removal of two and the gagging of a third main steam safety valve on October 10, 1987.

	This Month	Yr. to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>744</u>	<u>83,400</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>44,224.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>5,050.1</u>
14. Hours Generator On-Line	<u>663.5</u>	<u>663.5</u>	<u>42,464.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,732.5</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,465,612</u>	<u>1,465,612</u>	<u>99,427,811</u>
17. Gross Electrical Energy Generated (MWH)	<u>473,000</u>	<u>473,000</u>	<u>32,848,803</u>
18. Net Electrical Energy Generated (MWH)	<u>440,885</u>	<u>440,885</u>	<u>30,741,532</u>
19. Unit Service Factor	<u>89.2</u>	<u>89.2</u>	<u>50.9</u>
20. Unit Availability Factor	<u>89.2</u>	<u>89.2</u>	<u>53.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>68.9</u>	<u>68.9</u>	<u>42.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>65.4</u>	<u>65.4</u>	<u>40.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>32.9</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - Start on March 11, 1988 - 26 weeks - End on September 9, 1988

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

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

Forecast

Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

\_\_\_\_\_  
 \_\_\_\_\_  
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## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-346  
 UNIT NAME Davis-Besse 1  
 DATE 7/17/88  
 COMPLETED BY J. Cipriani  
 TELEPHONE (419) 249-5000  
 ext. 7365

REPORT MONTH January 1988

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licenses Event Report #	System Code <sup>4</sup>	Changeout Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1*	88 15 01	S	N/A	B	5	N/A	N/A	N/A	The Turbine was taken off line due to Main Turbine Torsional Test, but the reactor stayed critical.

<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 C - 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346  
 UNIT Davis-Besse Unit 1  
 DATE 2/12/88  
 COMPLETED BY J. Cipriani  
 TELEPHONE X7365

MONTH January 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	695
2	696
3	696
4	696
5	693
6	696
7	696
8	697
9	700
10	700
11	699
12	698
13	699
14	692
15	73
16	-0-

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-0-
18	61
19	400
20	668
21	686
22	689
23	688
24	688
25	689
26	689
27	689
28	688
29	685
30	684
31	682

**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.

OPERATIONAL SUMMARY

January 1988

The reactor power was maintained at approximately 81% power until 0548 hours on January 15, 1988 when reactor power was reduced to approximately 12% to perform the Main Turbine Torsional Test.

The turbine generator was synchronized on line at 1420 hours on January 18, 1988.

Reactor power is limited to approximately 82%. This power level limitation is a result of removal of two Main Steam Safety Valves and the gagging a third of Main Steam Safety Valve SP17B5.

REFUELING INFORMATION

Date: January 1988

1. Name of facility: Davis-Besse Unit 1
2. Scheduled date for next refueling outage? March 1988
3. Scheduled date for restart following refueling: September 1988
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what in general will these be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

Ans: Expect the Reload Report to require standard reload fuel design Technical Specifications changes (2. Safety Limits and Limiting Safety System Settings, 3/4.1 Reactivity Control Systems, 3/4.2 Power Distribution Limits and 3/4.4 Reactor Coolant System.)

5. Scheduled date(s) for submitting proposed licensing action and supporting information: March 1988
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.
  1. The highly absorbing silver-indium-cadmium axial power shaping rods will be replaced with reduced absorbing inconel rods.
  2. The discrete neutron sources will be removed from the core and not replaced.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool, and (c) the new fuel storage areas.

(a) 177 (b) 204 - Spent Fuel Assemblies (c) 64 - New Fuel Assemblies
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

Present: 735 Increased size by: 0 (zero)

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

Date: 1995 - assuming ability to unload the entire core into the spent fuel pool is maintained



February 12, 1988  
KB88-00092

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

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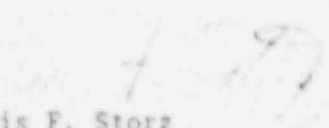
Gentlemen:

Monthly Operating Report, January 1988  
Davis-Besse Nuclear Power Station Unit 1

Enclosed are ten copies of the Monthly Operating Report for Davis-Besse Nuclear Power Station Unit 1 for the month of January 1988.

If you have any questions, please feel free to contact Bilal Sarsour at (419) 249-5000, Extension 7384.

Very truly yours,

  
Louis F. Storz  
Plant Manager  
Davis-Besse Nuclear Power Station

LFS:GAG:ECC:BMS:jmh

Enclosures

cc: Mr. A. Bert Davis, w/1  
Regional Administrator, Region III

Mr. Paul Byron, w/1  
NRC Resident Inspector

Mr. A. W. DeAgazio  
NRC Project Manager

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