



A Centenor Energy Company

EDISON PLAZA  
300 MADISON AVENUE  
TOLEDO, OHIO 43652-0001

January 13, 1994  
KB94-0001

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 1993  
Davis-Besse Nuclear Power Station Unit 1

Enclosed are ten copies of the Monthly Operating Report for Davis-Besse Nuclear Power Station Unit No. 1 for the month of December 1993.

If you have any questions, please contact S. D. Koch at (419) 321-7791.

Very truly yours,

A handwritten signature in cursive script that reads 'John K. Wood'.

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

SDK/dmc

Enclosures

cc: Mr. R. J. Stransky  
NRC Senior Project Manager

Mr. J. B. Martin  
Region III Administrator

Mr. S. Stasek  
NRC Senior Resident Inspector

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PDR ADDCK 05000346  
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*EX24*  
*11*

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-0346  
 UNIT Davis-Besse Unit 1  
 DATE 1/04/94  
 COMPLETED BY STEVE KOCH  
 TELEPHONE 419-321-7791

MONTH DECEMBER 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	877	17	877
2	878	18	576
3	878	19	844
4	878	20	877
5	878	21	877
6	877	22	877
7	879	23	880
8	879	24	880
9	879	25	878
10	879	26	879
11	879	27	880
12	879	28	879
13	879	29	879
14	879	30	879
15	879	31	879
16	878		

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.

OPERATING DATA REPORT

DOCKET NO 50-0346  
 DATE 1-4-94  
 COMPLETED BY STEVE KOCH  
 TELEPHONE 419-321-7791

OPERATING STATUS

- |   |       |
|---|-------|
| 1. Unit Name: Davis-Besse Unit 1<br>2. Reporting Period.....DECEMBER 1993<br>3. Licensed Thermal Power (Mwt).....2772<br>4. Nameplate Rating (Gross MWe).....925<br>5. Design Electrical Rating (Net MWe).....906<br>6. Maximum Dependable Capacity (Gross MWe)...921<br>7. Maximum Dependable Capacity (Net MWe).....877<br>8. If Changes Occur in Capacity Ratings<br>(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	8760.00	135193.00
12. Number Of Hours Reactor Was Critical...	744.00	7305.45	82240.45
13. Reactor Reserve Shutdown Hours.....	0.00	0.00	5532.00
14. Hours Generator On-Line.....	744.00	7248.33	80023.73
15. Unit Reserve Shutdown Hours.....	0.00	0.00	1732.50
16. Gross Thermal Energy Generated (MWH)...	2039083	19283806	199962929
17. Gross Electrical Energy Generated (MWH)	678844	6407708	66340021
18. Net Electrical Energy Generated (MWH)..	645465	6083397	62526370
19. Unit Service Factor.....	100.00	82.74	59.19
20. Unit Availability Factor.....	100.00	82.74	60.47
21. Unit Capacity Factor (Using MDC Net)...	98.92	79.18	52.74
22. Unit Capacity Factor (Using DER Net)...	95.76	76.65	51.05
23. Unit Forced Outage Rate.....	0.00	0.79	21.33
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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-346  
 UNIT NAME: Davis-Besse #1  
 DATE:  
 Completed by: Steve Koch  
 Telephone: (419)321-7791

Report Month December 1993

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
9	93-12-18	S	0	B	5	N/A	N/A	N/A	Planned power reduction to approximately 65 percent to plug leaking Main Condenser tubes and clean water boxes for Circulating Water Loop 1 and control valve testing.
10	93-12-22	F	0	A	5	93-09	VI	TBG	An Unusual Event was declared. The plant entered Technical Specification 3.0.3 when both Control Room Emergency Ventilation System (EVS) trains were inoperable. A leaking tube run was repaired to return one train of Control Room EVS to operable status, thus exiting the T.S. and the Emergency Classification.

<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  
December 1993

Reactor power was maintained at approximately 100 percent full power until 0000 on December 18, 1993, when a planned power reduction to approximately 65 percent was initiated to perform the following activities:

- a) Clean Main Condenser water boxes
- b) Locate and repair Main Condenser tube leaks
- c) Perform control valve testing

Following the testing and repairs, reactor power was returned to approximately 100 percent power at 0445 hours on December 19, 1993. On December 22, 1993, at 1245 hours, the plant entered Technical Specification (TS) 3.0.3 due to both trains of the Control Room Emergency Ventilation System (CREVS) being declared inoperable. An Unusual Event was declared and a power reduction to approximately 98 percent power was initiated. A leaking tubing line on the CREVS #1 compressor was repaired and the train declared operable. At 1357 hours on December 22, 1993, TS 3.0.3 and the Unusual Event were exited. At 1422 hours reactor power was restored to approximately 100 percent. This power level was maintained for the remainder of the month.