



A Centene Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

April 10, 1991
KB91-0257

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

Document Control Desk
U. S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20555

Gentlemen:

Monthly Operating Report, March, 1991
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 March, 1991.

If you have any questions, please contact Bilal Sarsour at (419) 321-7384.

Very truly yours,

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

BMS/tld

Enclosures

cc: Mr. Paul Byron
NRC Resident Inspector

Mr. A. Bert Davis
Regional Administrator, Region III

Mr. M. D. Lynch
NRC Senior Project Manager

9104170008 910331
PDR ADOCK 05000346
R PDR

TE24

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346
 UNIT Davis-Besse #1
 DATE April 10, 1991
 COMPLETED BY Bilal Sarsour
 TELEPHONE (419) 321-7384

MONTH March, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>884</u>
2	<u>879</u>
3	<u>884</u>
4	<u>885</u>
5	<u>882</u>
6	<u>883</u>
7	<u>884</u>
8	<u>886</u>
9	<u>883</u>
10	<u>874</u>
11	<u>887</u>
12	<u>882</u>
13	<u>884</u>
14	<u>883</u>
15	<u>886</u>
16	<u>883</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>885</u>
18	<u>883</u>
19	<u>882</u>
20	<u>885</u>
21	<u>878</u>
22	<u>879</u>
23	<u>882</u>
24	<u>880</u>
25	<u>881</u>
26	<u>882</u>
27	<u>877</u>
28	<u>884</u>
29	<u>884</u>
30	<u>885</u>
31	<u>652</u>

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. 50-346
 DATE April 10, 1991
 COMPLETED BY Bilal Sarsour
 TELEPHONE (419) 321-7384

OPERATING STATUS

1. Unit Name: Davis-Besse #1
2. Reporting Period: March, 1991
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): 918
7. Maximum Dependable Capacity (Net MWe): 874
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:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2,160.0	111,049
12. Number Of Hours Reactor Was Critical	744.0	2,160.0	61,281.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,393.7
14. Hours Generator On-Line	744.0	2,160.0	59,229.3
15. Unit Reserve Shutdown Hours	0.0	0.0	1,732.5
16. Gross Thermal Energy Generated (MWH)	2,042,410	5,959,578	144,086,063
17. Gross Electrical Energy Generated (MWH)	684,189	1,995,168	47,725,185
18. Net Electrical Energy Generated (MWH)	651,005	1,898,420	44,847,048
19. Unit Service Factor	100.0	100.0	53.3
20. Unit Availability Factor	100.0	100.0	54.9
21. Unit Capacity Factor (Using MDC Net)	100.1	100.6	46.2
22. Unit Capacity Factor (Using DER Net)	96.6	97.0	44.6
23. Unit Forced Outage Rate	0.0	0.0	26.6
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 April 10, 1991

COMPLETED BY Bilal Sarsour

TELEPHONE (419) 321-7383

REPORT MONTH March, 1991

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
1	91-03-31	S		B	N/A	N/A	NA	NA	Reactor power was reduced to approximately 50% for main condenser maintenance. See Operational Summary for further details.

¹ F: Forced
S: Scheduled² Reason:

- A-Equipment Failure (Explicit)
- 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)

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

⁵Exhibit I - Same Source

*Report challenge, to Power Operated Relief Valves (PORVs) and Pressurizer Code Safety Valves (PCSVs)

Operational Summary
March, 1991

Reactor power was maintained at approximately 100% full power until 0100 hours on March 10, 1991, when a manual power reduction to approximately 92% was initiated to perform control rod drive exercise testing and main turbine control valve testing.

After completion of turbine valve testing, reactor power was slowly increased to 100% power, which was achieved at 0400 hours on March 10, 1991.

Reactor power was maintained at approximately 100% power until 0825 hours on March 31, 1991, when a planned power reduction to approximately 50% was initiated to perform the following activities:

- a) Locate and plug main condenser tube leak(s).
- b) Clean main condenser water boxes.
- c) Replace upper bearing to #1 main feedpump turbine (MFPT) oil pump.
- d) Replace gland studs to #1 condensate pump.
- e) Replace cooling water line for Circulating Water Pump 1-2.
- f) Inspect thrust bearing on Circulating Water Pump 1-2.

REFUELING INFORMATION

Date: March 1991

1. Name of facility: Davis-Besse Unit 1
2. Scheduled date for next refueling outage? September 1991
3. 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) 328 (c) 0
4. 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: approximately 900 by 1994 is
under review
5. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.
Date. 1996 - assuming ability to unload the entire core into the spent
fuel pool is maintained