

OPERATING DATA REPORT

DOCKET NO. 50-346
 DATE 3/14/88
 COMPLETED BY J. Cipriani
 TELEPHONE X7365

OPERATING STATUS

1. Unit Name: Davis-Besse Unit 1
2. Reporting Period: February 1988
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): 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 approximately 81% (see Operational Summary)
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	696	1440	84,096
12. Number Of Hours Reactor Was Critical	696	1440	44,920.8
13. Reactor Reserve Shutdown Hours	-0-	-0-	5,050.1
14. Hours Generator On-Line	696	1,359.5	43,160.5
15. Unit Reserve Shutdown Hours	-0-	-0-	1,732.5
16. Gross Thermal Energy Generated (MWH)	1,458,959	2,924,571	100,886,770
17. Gross Electrical Energy Generated (MWH)	476,145	949,145	33,324,948
18. Net Electrical Energy Generated (MWH)	446,078	886,963	31,187,610
19. Unit Service Factor	100	94.4	51.3
20. Unit Availability Factor	100	94.4	53.4
21. Unit Capacity Factor (Using MDC Net)	74.5	71.6	43.1
22. Unit Capacity Factor (Using DER Net)	70.7	68.0	40.9
23. Unit Forced Outage Rate	-0-	-0-	32.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - Start on March 10, 1988 - 26 weeks - Ends September 8, 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346

UNIT Davis-Besse Unit 1

DATE 3/14/88

COMPLETED BY J. Cipriani

TELEPHONE X 7365

MONTH February 1988

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>685</u>
2	<u>687</u>
3	<u>686</u>
4	<u>686</u>
5	<u>686</u>
6	<u>681</u>
7	<u>685</u>
8	<u>684</u>
9	<u>683</u>
10	<u>684</u>
11	<u>682</u>
12	<u>683</u>
13	<u>683</u>
14	<u>679</u>
15	<u>653</u>
16	<u>654</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>645</u>
18	<u>624</u>
19	<u>623</u>
20	<u>623</u>
21	<u>597</u>
22	<u>595</u>
23	<u>594</u>
24	<u>595</u>
25	<u>575</u>
26	<u>564</u>
27	<u>563</u>
28	<u>564</u>
29	<u>546</u>
30	<u> </u>
31	<u> </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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1988

DOCKET NO. 50-346
 UNIT NAME Davila-Besse I
 DATE 3/14/88
 COMPLETED BY J. Cipriani
 TELEPHONE (419) 249-5000
 ext. 7365

* 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
			No significant unit shutdown or power reductions						

¹ F: Forced
 S: Scheduled

² 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)

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

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

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

OPERATIONAL SUMMARY

February 1988

Reactor power was maintained at approximately 81% power (Reactor power was limited at this power level as a result of removal of two main steam safety valves and gagging of a third main steam safety valve) until 0130 hours on February 15, 1988 when reactor power was manually reduced in steps to approximately 65% which was achieved on February 29, 1988. This power reduction was due to a plant coastdown to insure the maximum efficiency and fuel depletion before shutdown to perform scheduled maintenance and refueling.

REFUELING INFORMATION

Date: February 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: May 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



EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

March 15, 1988
KB88-00159

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, February 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 February 1988.

If you have any questions, please 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

IE27
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