

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346

UNIT Davis-Besse Unit 1

DATE September 8, 1981

COMPLETED BY Bilal Sarsour

TELEPHONE (419) 259-5000, Ext. 251

MONTH August, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	694
2	0	18	846
3	0	19	874
4	0	20	873
5	0	21	875
6	0	22	870
7	0	23	871
8	0	24	875
9	0	25	872
10	0	26	880
11	0	27	874
12	0	28	866
13	0	29	871
14	0	30	872
15	0	31	868
16	179		

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.

(9/77)

OPERATING DATA REPORT

DOCKET NO. 50-346
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 Ext. 251

OPERATING STATUS

1. Unit Name: Davis-Besse Unit 1
2. Reporting Period: August, 1981
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): 934
7. Maximum Dependable Capacity (Net MWe): 890

Notes

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe): None

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,831</u>	<u>35,140</u>
12. Number Of Hours Reactor Was Critical	<u>393.8</u>	<u>3,690.8</u>	<u>18,075</u>
13. Reactor Reserve Shutdown Hours	<u>350.2</u>	<u>424.8</u>	<u>3,306.9</u>
14. Hours Generator On-Line	<u>380.4</u>	<u>3,527</u>	<u>16,574.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,731.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>998,585</u>	<u>8,033,528</u>	<u>34,938,334</u>
17. Gross Electrical Energy Generated (MWH)	<u>330,068</u>	<u>2,680,466</u>	<u>11,655,800</u>
18. Net Electrical Energy Generated (MWH)	<u>308,234</u>	<u>2,504,746</u>	<u>10,769,247</u>
19. Unit Service Factor	<u>51.1</u>	<u>60.5</u>	<u>47.9</u>
20. Unit Availability Factor	<u>51.5</u>	<u>60.5</u>	<u>53.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>46.5</u>	<u>48.3</u>	<u>36.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>45.7</u>	<u>47.4</u>	<u>35.5</u>
23. Unit Forced Outage Rate	<u>48.9</u>	<u>34.3</u>	<u>27.0</u>

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:

	Forecast	Achieved
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-346
 UNIT NAME Davis-Besse Unit 1

REPORT MONTH August, 1981

DATE _____
 COMPLETED BY Bilal Sarsour
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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
13 Cont'd	81 07 30	F	363.6	A	3	NP-33-81-57	CH	MECFUN	The reactor tripped on reactor protection system low reactor coolant system pressure.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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-Other (Explain)
 4-Continuation
 5-Reduction
 6-Other

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

⁵
 Exhibit I - Same Source

OPERATIONAL SUMMARY
AUGUST, 1981

8/1/81 - 8/14/81

The unit remained shutdown following the reactor trip on July 30, 1981 to repair the boot seal between low pressure turbine #1 and high pressure condenser. The seal was replaced with a new wider one.

8/15/81

The reactor was critical at 1412 hours.

8/16/81 - 8/31/81

The turbine generator was synchronized on line at 0335 hours.

The reactor power was slowly increased and attained 100% full power on August 19, 1981 with the generator gross load at approximately 911 ± 10 MWe.

The reactor power was maintained at 100% full power for the remainder of the month.

REFUELING INFORMATION

DATE: August, 1981

- 1. Name of facility: Davis-Besse Unit 1
- 2. Scheduled date for next refueling shutdown: March, 1982
- 3. Scheduled date for restart following refueling: May, 1982

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)?

Reload analysis is scheduled for completion as of December, 1981. No technical specification changes or other license amendments identified to date.

5. Scheduled date(s) for submitting proposed licensing action and supporting information. February, 1982

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.

None identified to date

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.

(a) 177 (b) 44 - Spent Fuel Assemblies
8 - 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 Increase 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 1988 - assuming ability to unload the entire core into the spent fuel pool is maintained