AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346
UNIT Davis-Besse Unit #1
DATE July 8, 1980
COMPLETED BY Bilal Sarsour
TELEPHONE 259-5000 ext. 251

MONTH June, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
16	0		

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.

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OPERATING DATA REPORT

DOCKET NO. 50-346
DATE July 8, 1980
COMPLETED BY Bilal Sarsour
TELEPHONE 259-5000 ext. 251

OPERATING STATUS

1. Unit Name: Davis-Besse Unit #1
2. Reporting Period: June, 1980
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
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	720	4,367	24,892
12. Number Of Hours Reactor Was Critical	0	2,078	13,042
13. Reactor Reserve Shutdown Hours	0	0	28,758
14. Hours Generator On-Line	0	2,008.7	11,883.0
15. Unit Reserve Shutdown Hours	0	0	1,728
16. Gross Thermal Energy Generated (MWH)	0	4,687,305	24,886,812
17. Gross Electrical Energy Generated (MWH)	0	1,583,559	8,307,070
18. Net Electrical Energy Generated (MWH)	0	1,483,787	7,654,365
19. Unit Service Factor	0	46.0	48.8
20. Unit Availability Factor	0	46.0	56.4
21. Unit Capacity Factor (Using MDC Net)	0	38.2	37.1
22. Unit Capacity Factor (Using DER Net)	0	37.5	36.4
23. Unit Forced Outage Rate	0	14.3	25.6

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: July 28, 1980
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 Unit #1
DATE July 8, 1980
COMPLETED BY Bilal Sarsour
TELEPHONE (419) 259-5000 ext. 251

REPORT MONTH June, 1980

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
4	80 04 7	S	720	C	4	NA	NA	NA	Unit outage which began on April 7, 1980, was still in progress through the end of June, 1980. (See Operational Summary for further details.)

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
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

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OPERATIONAL SUMMARY
June, 1980

June 1, 1980 - June 30, 1980

The unit outage which began on April 7, 1980, was still in progress through the end of June, 1980. The following are the more significant outage activities performed during the month of June:

1. Reassembly of the high pressure and low pressure sections of the turbines and main generator.

2. The Integrated Leak Rate and Integrated Safety Features Actuation System tests were completed.

3. The cooling tower repairs and circulating water canal grouting are essentially complete.

4. The majority of the conduit and wire installation is completed for the outage facility changes.

5. Fuel assembly holddown spring work is progressing. The decision has been made to replace all springs in Cycle 1B fuel assemblies which are to be used in Cycle 2.

During the month of June, 1980, no challenges to the reactor coolant system code safety valves or pilot operated relief valves occurred.

In addition, for the months of April and May, 1980, no challenges to the reactor coolant system code safety valves or pilot operated relief valves occurred.

REFUELING INFORMATION

DATE: June, 1980

1. Name of facility: Davis-Besse Nuclear Power Station Unit 1

2. Scheduled date for next refueling shutdown: April, 1980

3. Scheduled date for restart following refueling: August, 1980

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)?

Yes, see attached

5. Scheduled date(s) for submitting proposed licensing action and supporting information. February, 1980 (revision submittal May 21, 1980)

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.

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 1989 (assuming ability to unload the entire core into the spent fuel pool is maintained and the unit goes to an 18 month refueling cycle)

4. The following Technical Specifications (Part A) will require revision:

2.1.1 & 2.1.2 - Reactor Core Safety Limits (and Bases)
2.2.1 - Reactor Protection System Instrumentation Setpoints (and Bases)
3.1.3.6 - Regulating Rod Insertion Limits
3.1.3.7 - Rod Program
3.2.1 - Axial Power Imbalance (and Bases)

The following Technical Specifications (Part A) may also require revision:

3.1.2.8 & 3.1.2.9 - Borated Water Sources (and Bases)
3.2.4 - Quadrant Power Tilt (and Bases)
3.2.5 - DNB Parameters (and Bases)

The station just recently determined its maximum dependable capacity and therefore the unit capacity factors (using MDC net) can now be calculated. Below is a list of the monthly values of the unit capacity factors that were not determined in the past:

November, 1977	25.4%
December, 1977	40.9%
January, 1978	37.8%
February, 1978	54.6%
March, 1978	54.9%
April, 1978	56.9%
August, 1978	19.5%
September, 1978	76.2%
October, 1978	14.0%
November, 1978	66.1%
December, 1978	26.2%
January, 1979	38.2%
February, 1979	76.3%
March, 1979	76.1%
July, 1979	57.7%
August, 1979	96.9%
September, 1979	74.6%
October, 1979	44.3%
November, 1979	18.9%
January, 1980	75.0%

Davis-Besse Nuclear Power Station
Toledo Edison Company