TOLEDO EDISON
A Centerior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

August 12, 1994
KB-94-1564

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

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Gentlemen:

Monthly Operating Report, July 1994
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 July 1994.

If you have any questions, please contact G. M. Wolf at (419) 321-8114.

Very truly yours,

John K. Wood

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

GMW/dmc

Enclosures

cc: L. L. Gundrum
NRC Senior Project Manager

J. B. Martin
Region III Administrator

S. Stasek
NRC Senior Resident Inspector

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-0346

UNIT Davis-Besse Unit 1

DATE August 2, 1994

COMPLETED BY GERRY M. WOLF

TELEPHONE 419-321-8114

MONTH JULY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	866	17	849
2	864	18	864
3	867	19	864
4	866	20	857
5	858	21	860
6	857	22	862
7	858	23	865
8	859	24	863
9	862	25	865
10	869	26	867
11	869	27	833
12	862	28	567
13	863	29	866
14	864	30	866
15	862	31	867
16	866		

OPERATING DATA REPORT

DOCKET NO 50-0346
DATE 8-2-94
COMPLETED BY GERRY WOLF
TELEPHONE 419-321-8114

OPERATING STATUS

1. Unit Name: Davis-Besse Unit 1	
2. Reporting Period	JULY, 1994
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)	913
7. Maximum Dependable Capacity (Net MWe)	868

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):

10. Reasons For Restrictions, If Any (Net MWe):

	This Month	Yr-to-Date	Cumulative
11. Hours In Reporting Period	744.00	5,087.00	140,280.00
12. Number Of Hours Reactor Was Critical	744.00	5,087.00	87,327.45
13. Reactor Reserve Shutdown Hours	0.00	0.00	5,532.00
14. Hours Generator On-Line	744.00	5,087.00	85,110.73
15. Unit Reserve Shutdown Hours	0.00	0.00	1,732.50
16. Gross Thermal Energy Generated (MWH)	2,035,092	14,048,052	219,819,821
17. Gross Electrical Energy Generated (MWH)	667,491	4,648,088	70,988,109
18. Net Electrical Energy Generated (MWH)	634,201	4,419,631	66,946,001
19. Unit Service Factor	100.00	100.00	60.67
20. Unit Availability Factor	100.00	100.00	61.91
21. Unit Capacity Factor (Using MDC Net)	98.21	100.09	54.98
22. Unit Capacity Factor (Using DER Net)	94.09	95.90	52.67
23. Unit Forced Outage Rate	0.00	0.04	20.32

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Scheduled maintenance and refueling outage - October 1, 1994.
Planned duration - 49 days.

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: August 3, 1994
Completed by: G. M. Wolf
Telephone: (419)321-8114

Report Month July 1994

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
03	94-07-27	F	30.3	B	5	N/A	N/A	N/A	Unscheduled power reduction for repair of steam leak at root weld of FW21.

[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

Reactor power was maintained at approximately 100 percent full power until 2347 hours on July 16, 1994, when a manual power reduction was initiated to perform combined intercept valve testing, control valve testing, control rod drive testing, and main turbine stop valve testing. Power was manually reduced to approximately 92 percent, at which point control rod drive, control valve, and combined intercept valve testing were performed. Manual power reduction resumed at 0141 hours on July 17, 1994, for main turbine stop valve testing. Power was manually reduced to approximately 85 percent full power. After testing completion, at 0252 hours, reactor power was gradually increased to approximately 100 percent full power, which was achieved at 0600 hours on July 17, 1994. Reactor power was maintained at this level until July 27, 1994.

A manual power reduction at a rate of 5 percent per hour commenced at 1800 hours on July 27, 1994, following the detection of a steam leak at the root weld of feedwater valve FW21. Reactor power was manually decreased to approximately 55 percent full power, which was achieved at 0255 hours on July 28, 1994. Reactor power remained at this level until a power increase to 60 percent was initiated at 0325 hours and completed at 0527 hours on July 28, 1994. At 0939 hours, Main Feed Pump Turbine #2 was tripped. Reactor power remained at approximately 60 percent until 1158 hours on July 28, 1994. At this time, a gradual power increase to a goal of 65 percent full power was initiated. The power increase was completed at 1255 hours on July 28, 1994. At 1836 hours, July 28, 1994, following the repair of FW21, Main Feed Pump Turbine #2 was reset in preparation for start-up. The Main Feed Pump Turbine #2 was returned to full auto at 1938 hours on July 28, 1994. A gradual reactor power increase to 100 percent commenced at 1946 hours on July 28, 1994, reaching 100 percent full power at 0022 hours on July 29, 1994. Reactor power remained at this level for the remainder of the month.