TOLEDO EDISON
A Centerior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

January 10, 1992
KB92-0079

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

Document Control Desk
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20814

Gentlemen:

Monthly Operating Report, December, 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 December, 1991.

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

Very truly yours,

for

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

BMS/tld

Enclosures

cc: Mr. A. Bert Davis
Regional Administrator, Region III

Mr. J. B. Hopkins
NRC Senior Project Manager

Mr. William Levis
NRC Resident Inspector

IE24
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346
UNIT Davis-Besse #1
DATE January 10, 1992
COMPLETED BY Bilal Sarsour
TELEPHONE (419)321-7384

MONTH December, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	877	17	885
2	879	18	886
3	881	19	887
4	879	20	887
5	880	21	885
6	325	22	885
7	0	23	885
8	0	24	886
9	0	25	885
10	0	26	885
11	361	27	885
12	732	28	885
13	871	29	884
14	855	30	884
15	886	31	886
16	886		

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 January 10, 1992
COMPLETED BY Bilal Sarsour
TELEPHONE (419)321-7384

OPERATING STATUS

1. Unit Name: Davis-Besse Unit #1
2. Reporting Period: December, 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	8,760.0	117,649
12. Number Of Hours Reactor Was Critical	630.5	7,054.6	66,175.8
13. Reactor Reserve Shutdown Hours	113.5	113.5	5,507.2
14. Hours Generator On-Line	613.7	6,963.8	64,033.1
15. Unit Reserve Shutdown Hours	0.0	0.0	1,732.5
16. Gross Thermal Energy Generated (MWH)	1,681,828	18,482,806	156,609,293
17. Gross Electrical Energy Generated (MWH)	562,258	6,163,360	51,893,377
18. Net Electrical Energy Generated (MWH)	530,063	5,843,860	48,792,488
19. Unit Service Factor	82.5	79.5	54.4
20. Unit Availability Factor	82.5	79.5	55.9
21. Unit Capacity Factor (Using MDC Net)	81.5	76.3	47.5
22. Unit Capacity Factor (Using DER Net)	78.6	73.6	45.8
23. Unit Forced Outage Rate	17.5	2.1	25.2

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):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-346
UNIT NAME Davis-Besse #1
DATE January 10, 1992
COMPLETED BY Bilal Sarsour
TELEPHONE (419) 321-7384

REPORT MONTH December, 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
5	91-12-06	F	130.3	A	1	91-007	EK	SCO	The turbine-generator was taken off line due to exceeding the 72 hour time limit for Emergency Diesel Generator (EDG) inoperability per Technical Specification 3.8.1.1. 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 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
December, 1991

Reactor power was maintained at approximately 100 percent full power until 0805 hours on December 6, 1991, when a manual power reduction was initiated to take the turbine off line. The turbine was taken off line at 1034 hours on December 6, 1991, and the reactor was shutdown to comply with Technical Specification 3.8.1.1, which requires both Emergency Diesel Generators (EDG) to be operable while at power. EDG Number 2 was declared inoperable on December 3, 1991, when the speed switch failed.

The reactor was critical at 0430 hours on December 11, 1991, and the Turbine-Generator was synchronized on line at 2057 hours on December 11, 1991.

Reactor power was slowly increased to approximately 75 percent of full power, which was achieved at 0400 hours on December 12, 1991. Reactor power was maintained at this power level for approximately four hours for conditioning of the fuel.

Reactor power escalation continued. Reactor power was slowly increased to approximately 100 percent full power, which was achieved at approximately 1700 hours on December 12, 1991, and maintained at this power level until 1859 hours on December 13, 1991, when a manual power reduction to approximately 95 percent was initiated to isolate Feedwater Heater 1-4 in order to repair a steam leak on instrument line.

After the completion of Feedwater Heater 1-4 steam leak repair, reactor power was slowly increased to approximately 100 percent full power, which was achieved at 1418 hours on December 14, 1991. Reactor power was maintained at 100 percent for the remainder of the month.

REFUELING INFORMATION Date: December 1991

1. Name of facility: Davis-Besse Unit 1

2. Scheduled date for next refueling outage? March 1993

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) 393 (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