TOLEDO EDISON
A Centerior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

January 11, 1991
KB91-0003

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, December 1990
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 1990.

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

Very truly yours,

Louis F. Storz

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

BMS/tld

Enclosures

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

Mr. Paul Byron
NRC Resident Inspector

Mr. M. D. Lynch
NRC Senior Project Manager

IE22
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346
UNIT Davis-Besse #1
DATE January 11, 1991
COMPLETED BY Bilal Sarsour
TELEPHONE (419)321-7384

MONTH December, 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	880	17	876
2	885	18	882
3	881	19	882
4	882	20	881
5	884	21	878
6	883	22	879
7	885	23	882
8	882	24	881
9	883	25	881
10	882	26	880
11	881	27	877
12	881	28	877
13	290	29	874
14	0	30	873
15	28	31	878
16	745		

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
DATE January 11, 1991
COMPLETED BY Bilal Sarsour
TELEPHONE (419)321-7384

OPERATING STATUS

1. Unit Name: Davis-Besse #1
2. Reporting Period: December, 1990
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	108,889
12. Number Of Hours Reactor Was Critical	694.8	4,966.6	59,121.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,393.7
14. Hours Generator On-Line	686.9	4,868.9	57,069.3
15. Unit Reserve Shutdown Hours	0.0	0.0	1,732.5
16. Gross Thermal Energy Generated (MWH)	1,881,412	13,162,565	138,126,485
17. Gross Electrical Energy Generated (MWH)	627,957	4,379,716	45,730,017
18. Net Electrical Energy Generated (MWH)	595,144	4,161,470	42,948,628
19. Unit Service Factor	92.3	55.6	52.4
20. Unit Availability Factor	92.3	55.6	54.0
21. Unit Capacity Factor (Using MDC Net)	91.5	54.4	45.1
22. Unit Capacity Factor (Using DER Net)	88.3	52.4	43.5
23. Unit Forced Outage Rate	7.7	7.5	27.3

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 11, 1991
COMPLETED BY Bilal Sarsour
TELEPHONE (419) 321-7384

REPORT MONTH December, 1990

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
8	90-12-13	F	57.1	A	3	90-016	AA	BRK	The Reactor Protection System (RPS) tripped the reactor on low RCS pressure after the group 7 rods dropped in the core. (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, 1990

Reactor power was maintained at approximately 100% full power until 0844 hours on December 13, 1990 when a reactor trip occurred. The Reactor Protection System (RPS) tripped the reactor on low Reactor Coolant System (RCS) pressure after the group 7 rods (except Rod 7-1) dropped in the core. Rod 7-1 dropped into the core during the reactor trip.

The reactor was critical at 0823 hours on December 15, 1990 and the turbine generator was synchronized on line at 1748 hours on December 15, 1990.

Reactor power was slowly increased to approximately 100% full power at 2000 hours on December 16, 1990, and maintained at this power level for the rest of the month.

REFUELING INFORMATION Date: December 1990

1. Name of facility: Davis-Besse Unit 1

2. Scheduled date for next refueling outage? September 1991

3. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool, and (c) the nev fuel storage areas.

   (a) 177 (b) 328 (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