

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE Feb. 1, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 2,527
4. Nameplate Rating (Gross MWe): 828
5. Design Electrical Rating (Net MWe): 794
6. Maximum Dependable Capacity (Gross MWe): 812
7. Maximum Dependable Capacity (Net MWe): 772
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:

N/A

9. Power Level to Which Restricted, If Any (Net MWe): N/A
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	744	111,504
12. Number of Hours Reactor Was Critical	168.3	168.3	87,027.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	168.1	168.1	82,988.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	227,620	227,620	165,709,129
17. Gross Electrical Energy Generated (MWH)	69,769	69,769	52,958,035
18. Net Electrical Energy Generated (MWH)	61,304	61,304	50,058,494
19. Unit Service Factor	22.6	22.6	74.4
20. Unit Availability Factor	22.6	22.6	74.4
21. Unit Capacity Factor (Using MDC Net)	10.7	10.7	58.2
22. Unit Capacity Factor (Using DER Net)	10.4	10.4	56.5
23. Unit Forced Outage Rate	0.0	0.0	11.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

January, 1983 Refueling Outage @ 12 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April, 1983

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE Feb. 1, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 912-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 2,527
4. Nameplate Rating (Gross MWe): 828
5. Design Electrical Rating (Net MWe): 794
6. Maximum Dependable Capacity (Gross MWe): 812
7. Maximum Dependable Capacity (Net MWe): 773
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:

N/A

9. Power Level to Which Restricted, if Any (Net MWe): N/A
10. Reasons For Restrictions, if Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	<u>744</u>	<u>744</u>	<u>101,089</u>
12. Number of Hours Reactor Was Critical	<u>744</u>	<u>744</u>	<u>77,134.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>744</u>	<u>74,202.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,751,251</u>	<u>1,751,251</u>	<u>148,016,981</u>
17. Gross Electrical Energy Generated (MWH)	<u>575,508</u>	<u>575,508</u>	<u>48,140,639</u>
18. Net Electrical Energy Generated (MWH)	<u>550,645</u>	<u>550,645</u>	<u>45,633,290</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>73.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>73.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>95.7</u>	<u>95.7</u>	<u>58.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.2</u>	<u>93.2</u>	<u>56.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>13.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237  
 UNIT NAME Dresden II  
 DATE Feb. 1, 1983  
 COMPLETED BY B. A. Schroeder  
 TELEPHONE (815) 942-2920

REPORT MONTH JANUARY, 1983

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
1	83-1-8	S	575.9	C	3	--	--	--	Refueling and Turbine overhaul outage.

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  
 H-Other (Explain)

3

Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Other (Explain)

4

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-249  
 UNIT NAME Dresden III  
 DATE Feb. 1, 1983  
 COMPLETED BY B. A. Schroeder  
 TELEPHONE (815) 942-2920

REPORT MONTH JANUARY, 1983

NO.	DATE	TYPE <sup>1</sup>	DURATION (HOURS)	REASON <sup>2</sup>	METHOD OF SHUTTING DOWN REACTOR <sup>3</sup>	LICENSEE EVENT REPORT #	SYSTEM CODE <sup>4</sup>	COMPONENT CODE <sup>5</sup>	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
	NONE								

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  
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Method:  
 1-Manual  
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Exhibit G-Instructions for  
 Preparation of Data  
 Entry Sheets for Licensee  
 Event Report ( ) File  
 (NUREG-0161)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE Feb. 1, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH JANUARY, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	399	17	0
2	394	18	0
3	394	19	0
4	394	20	0
5	388	21	0
6	387	22	0
7	357	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	0
16	0		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE Feb. 1, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH JANUARY, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	739	17	787
2	781	18	784
3	791	19	791
4	793	20	787
5	789	21	759
6	775	22	370
7	778	23	488
8	789	24	560
9	751	25	659
10	701	26	764
11	765	27	782
12	778	28	793
13	790	29	789
14	790	30	759
15	748	31	791
16	774		

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JANUARY, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2B C.C.S.W Pump	Preventive W.R. #14939		N/A	N/A	Adjusted packing on 2B C.C.S.W. pump.
Back-up Scram Valve 19B	Preventive W.R. #24742		N/A	N/A	Tightened union and various packing nuts on valves.
MO-2-1501-38B	Preventive W.R. #24598		N/A	N/A	Replaced shaft gear with new one and filled cavity with grease.
Scram Outlet Valve	Preventive W.R. #24695		N/A	N/A	Scram tested per DTS 300-2.
Scram Outlet Valve	Preventive W.R. #24694		N/A	N/A	Adjusted valve by extending length of stem one-half turn.
U-2 "C" C.C.S.W. P.P.	Preventive W.R. #15805		N/A	N/A	Rebuilt pump. Coupling reading set thrust at .010. Original thrus' was .056.
Scram Air Sys.	Preventive W.R. #24745		N/A	N/A	Cycled valves per procedure. Operated ok.
Mode Switch	Preventive W.R. #24619		N/A	N/A	Visually inspected switch contacts. Contacts are clean and free of any foreign matter switch to be changed out during Unit 2 outage.
Fuel Handling Grapple	Preventive W.R. #22938		N/A	N/A	Removed Temp. Feed II 33-82, installed Normal Feed II 34-82 and II 31a-82, installed track SW II 32-82. Grapple returned to normal.
Control Rod Movement Switch	Preventive W.R. #22327		N/A	N/A	Replaced switch.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JANUARY, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Refueling Bridge	Preventive W.R. #23603		N/A	N/A	Repaired limit switch on hook - replaced.
LPCI MO Suction Valve 1501-5C	Preventive W.R. #24569		N/A	N/A	Dirty contacts. Cleaned and cycled three times.
MO-2-1501-5C	Preventive W.R. #24609		N/A	N/A	Found interlock contact HFA relay 5 and 6 not making up electrically all the time. Adjusted and now works properly.
Refueling Bridge	Preventive W.R. #23605		N/A	N/A	Replaced switch. Operates ok.
LPCI 1501-11A Breaker	Preventive W.R. #24597		N/A	N/A	Motor bridged and meggered ok.



DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JANUARY, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-3 Grapple	Preventive W.R. #22307		N/A	N/A	Performed electrical inspection and completed checklist. Performed mechanical inspection per DMP 800-2.
3A and B SBLC PPs	Preventive W.R. #24827		N/A	N/A	Adjusted both pumps. "B" pump did not heat up, "A" pump heated slightly before finishing.
Rx Head	Preventive W.R. #13898		N/A	N/A	Removed Rx head per procedure.
Accumulator 10-23	Preventive W.R. #24873		N/A	N/A	Repacked N <sub>2</sub> valve as requested, #10-23 Rev. Manuel, pages 5-23.
D-3 DG Air Start Motors	Preventive W.R. #24587		N/A	N/A	Installed two rebuilt air start motors on D-3 DG. Opered air start valve for visual inspection. Did not see any traces of damage. Cleaned seating surfaces and re-assembled air start valve.
U-3 D/W Equip. Drain Sump	Preventive W.R. #22602		N/A	N/A	Mounted solenoids to valves.
D-3 SDV Magnetrols	Preventive W.R. #23786		N/A	N/A	Checked above listed switch four times and found operating properly.
Refuel Grapple	Preventive W.R. #22845		N/A	N/A	Replaced return spring.
U-3 Grapple	Preventive W.R. #23872		N/A	N/A	Replaced control cable and rollers for monorail hoist.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JANUARY, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Spare Electromatic Relief	Preventive W.R. #22741		N/A	N/A	Overhauled spare electromatic valve #BK7051 as per DMP 200-35, Rev. 1.
Spare Diesel Air Starters	Preventive W.R. #24596		N/A	N/A	Rebuilt (2) air start motors as requested. Replaced parts as needed.
Spare Recirc. PP Seal	Preventive W.R. #23660		N/A	N/A	Disassembled and rebuilt as per procedure.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

JANUARY, 1983

- 1-1 to 1-8      Unit Two entered the month operating at 426 MWe. On January 8, 1983, at 0008 hours, the turbine was removed from service. At 0020 hours, the reactor was shutdown for a normal refueling outage.
- 1-8 to 1-31      Maintenance to be performed will include: turbine overhaul, reactor refueling, and Inservice Inspection. At the end of the reporting period, all fuel has been removed and work is being accomplished as scheduled.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

JANUARY, 1983

1-1 to 1-31      Unit Three entered the month operating at a power level of 720 MWe and operated continuously throughout the entire month (with normal power reductions on weekends for surveillances), reaching a power level of 835 MWe with a capacity factor of 92.97% and an availability of 100%.