

OPERATING DATA REPORT

DOCKET NO. 050-010

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES
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1. Unit Name: Dresden I
2. Reporting Period: July, 1982
3. Licensed Thermal Power (MWt): 700
4. Nameplate Rating (Gross MWe): 209
5. Design Electrical Rating (Net MWe): 200
6. Maximum Dependable Capacity (Gross MWe): 205
7. Maximum Dependable Capacity (Net MWe): 197
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

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>11. Hours in Reporting Period</li> <li>12. Number of Hours Reactor Was Critical</li> <li>13. Reactor Reserve Shutdown Hours</li> <li>14. Hours Generator On-Line</li> <li>15. Unit Reserve Shutdown Hours</li> <li>16. Gross Thermal Energy Generated (MWH)</li> <li>17. Gross Electrical Energy Generated (MWH)</li> <li>18. Net Electrical Energy Generated (MWH)</li> <li>19. Unit Service Factor</li> <li>20. Unit Availability Factor</li> <li>21. Unit Capacity Factor (Using MDC Net)</li> <li>22. Unit Capacity Factor (Using DER Net)</li> <li>23. Unit Forced Outage Rate</li> <li>24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u></li> </ol> | <h1 style="margin: 0;">EXTENDED<br/>MODIFICATION<br/>OUTAGE</h1> |
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25. If Shut Down At End Of Report Period, Estimated Date of Startup: Extended Modification Outage - Shutdown Until June, 1986

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

1. Unit Name: Dresden II
2. Reporting Period: July, 1982
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

NOTES

Please correct the Operating Data report for May, 1982 on Item #16, Gross thermal energy should be 1,265,863 instead of 1,248,685 as reported.

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	5087	107087
12. Number of Hours Reactor Was Critical	640.4	4868.0	83503.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	609.3	4812.1	79536.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,245,976	11,086,988	159,645,149
17. Gross Electrical Energy Generated (MWH)	400,936	3,586,993	51,070,305
18. Net Electrical Energy Generated (MWH)	378,422	3,413,634	48,290,524
19. Unit Service Factor	81.9	94.6	74.3
20. Unit Availability Factor	81.9	94.6	74.3
21. Unit Capacity Factor (Using MDC Net)	65.9	86.9	58.4
22. Unit Capacity Factor (Using DER Net)	64.1	84.5	56.8
23. Unit Forced Outage Rate	18.1	3.4	11.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>January, 1983 Refueling outage @ 12 weeks.</u>			

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

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2930

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: July, 1982
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>5087</u>	<u>96672.0</u>
12. Number of Hours Reactor Was Critical	<u>744</u>	<u>2197.9</u>	<u>72,846.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>2110.7</u>	<u>70,003.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,841,510</u>	<u>4,721,881</u>	<u>138,313,870.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>593,572</u>	<u>1,514,610</u>	<u>44,977,716.0</u>
18. Net Electrical Energy Generated (MWH)	<u>565,060</u>	<u>1,424,927</u>	<u>42,619,689.0</u>
19. Unit Service Factor	<u>100.0</u>	<u>41.5</u>	<u>72.4</u>
20. Unit Availability Factor	<u>100.0</u>	<u>41.5</u>	<u>72.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.25</u>	<u>36.2</u>	<u>57.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.65</u>	<u>35.3</u>	<u>55.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.3</u>	<u>13.8</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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-010

UNIT I

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH July, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH July, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	759
2	760
3	578
4	684
5	791
6	530
7	664
8	744
9	796
10	754
11	790
12	784
13	523
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	642
18	601
19	324
20	214
21	0
22	0
23	44
24	464
25	552
26	663
27	762
28	727
29	744
30	768
31	767

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE August 1, 1982

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH July, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	818	17	761
2	819	18	809
3	818	19	809
4	748	20	760
5	772	21	806
6	808	22	811
7	810	23	815
8	810	24	813
9	809	25	793
10	809	26	808
11	763	27	809
12	814	28	787
13	810	29	809
14	810	30	786
15	812	31	756
16	813		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-010  
 UNIT NAME Dresden I  
 DATE August 1, 1982  
 COMPLETED BY B. A. Schroeder  
 TELEPHONE (815) 942-2920

REPORT MONTH July, 1982

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
8	78-10-31	5	744	C	3	-	-	-	Refueling, turbine overhaul, and chemical cleaning 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. 050-237  
 UNIT NAME Dresden II  
 DATE August 1, 1982  
 COMPLETED BY B. A. Schroeder  
 TELEPHONE (815) 942-2920

REPORT MONTH July, 1982

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
5	82-7-13	F	60:42	A	1	82-30/OIT-0	-	-	MO 2301-4 valve failed to close - repaired.
6	82-7-20	F	73:58	A	1	82-32/03L-0	-	-	Loss of oil pump for "B" Recirc. pump - repaired.

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 August 1, 1982  
 COMPLETED BY B. A. Schroeder  
 TELEPHONE (815) 942-2920

REPORT MONTH July, 1982

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

F: Forced  
 S: Scheduled

2

Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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)

DRESDEN UNIT 1

SAFETY RELATED MAINTENANCE July, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
None					

## DRESDEN UNIT 2

## SAFETY RELATED MAINTENANCE - JULY, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-2 HPCI FCV Controller	Preventive W.R. #21243		N/A	N/A	Found OP Amp. 1A Output failed high positive. Replaced OP Amp. A1 with a new one, ALs replaced OP Amp. 2A with a new one.
Main Steam Line "O" Diff. Pressure Guage	Preventive W.R. #20038		N/A	N/A	Check instruments. Performed OK.
2-590-123B 45% Bypass Relay	Preventive W.R. #20845		N/A	N/A	Replaced relay. Completed DIS 500-7.
2-1501-22B	Preventive W.R. #21274		N/A	N/A	Repaired socket. Replaced bulb-operated valve.
2-1402-28A	Preventive W.R. #21273		N/A	N/A	Repaired as required. Valve operates.
HPCI 2301-4	Preventive W.R. #21340		N/A	N/A	Backseated valve after timing per DOS 1600-1. Checks verified OK.
2-1501-32A Vlv. Local Central Station	Preventive W.R. #21272		N/A	N/A	Made necessary repairs. Valve tested good.
MO 1501-5C LPCI Suet	Preventive W.R. #21373		N/A	N/A	Overhauled burnt-up contactor.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD's J-10, L-8, N-8, and M7	Preventive W.R. #20578		N/A	N/A	Installed pressure transducers and associated equipment for plotting pressure during half core scram testing.
ISO. Condenser M02-1301-1	Preventive W.R. #21295		N/A	N/A	Backseated vlv. operations. Cycled one time - OK. Vlv. was again backseated in the open position.
LPCI D.W Spray 2-1501-27B	Preventive W.R. #21264		N/A	N/A	Checked all wiring and connections at Bkr. (29-1) Contactor relays. Cleaned and checked operated vlv. 3 times.
U-2A CCSW PP	Preventive W.R. #15802		N/A	N/A	Overhauled pump.
HPCI Room Cooler	Preventive W.R. #21512		N/A	N/A	Back-flushed, roded tubes, and cleaned. Made gasket for outer cover and enlarged holes in outer cover so to fit over pipe nipples. (All on north end.)
MSIV 203-1B	Preventive W.R. #18758		N/A	N/A	Replaced cable.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
LPCI Valve 1501-32A	Preventive W.R. #21029		N/A	N/A	Overhauled breaker and inspected. Found no problems.
HPCI Cast Oil Filter	Preventive W.R. #20977		N/A	N/A	Removed filter and found a heavy amount of lint in filter. Disassembled and cleaned.
HPCI Valve	Preventive W.R. #21052		N/A	N/A	Found packing following bolts rusted. Had to remove and clean. Reinstalled and applied Fel Pro to threads.
Hanger - Bolt Missing	Preventive W.R. #20468		N/A	N/A	Replaced nut that was missing. The bolt was still intact. Tightened securely.
Hanger - Bolt Loose	Preventive W.R. #20464		N/A	N/A	Tightened nut on hanger bolt as requested.
3B LPCI HX	Preventive W.R. #16947		N/A	N/A	Replaced defective tubes with new ones. Put covers on with new gaskets.
D/G Cooling Water Hangers	Preventive W.R. #21081		N/A	N/A	Found hangers 3931-305, and 3931-307 loose. Tightened U-bolts, 5/8" size. OK.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
3A-LPCI HX	Preventive W.R. #16948		N/A	N/A	Installed heads and related piping.
Hydraulic Snubber Torus	Preventive W.R. #18551		N/A	N/A	Added oil to snubbers #4, 7, 8, and 9. Added oil on #8 on 3/9/82.
D/W Equip. Drain Sump. Isol. Vlv. A03-2001-5 & 6	Preventive W.R. #21466		N/A	N/A	Determined that valve was closing too fast and jamming disc in sheet. Adjusted air valve to close slower to stop jamming.
3B SBCC PP	Preventive W.R. #20907		N/A	N/A	Tightened-up packing while pump was running. Unpulged drain.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JULY, 1982

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Spare Diesel Air Start Motors	Preventive W.R. #20914		N/A	N/A	Two Air Start motors rebuilt and new parts documented #1 and 2.

SUMMARY OF OPERATING EXPERIENCE

UNIT ONE

July, 1982

7-1 to 7-31      Unit One was shutdown for the entire month, awaiting license approval for the chemical cleaning. Major work scheduled to be completed following chemical cleaning is as follows: HPCI installation for ECCS upgrading, equipment upgrade to IEEE 279, major in-service inspection, and refuel.



SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

July, 1982

- 7-1 to 7-13 Unit Two entered the month operating at a power level of 761 MWe and operated continuously until problems developed in the HPCI system.
- 7-13 to 7-16 MO 2301-4 valve failed to close while performing routine surveillances. The HPCI system had already been declared InOp for another unrelated problem. The unit had to be shutdown to repair the packing leak and to replace the valve operator motor.
- 7-16 to 7-20 The unit was again placed on line and operated at a power level of 675 MWe. Problems then developed in the "B" Recirc. pump oil system.
- 7-20 to 7-23 While performing ground check on Unit 3, the Unit 2 NSO acknowledged the "B" Recirc. pump low alarm and found the emergency lube oil pump running. He immediately tripped the pump. Cause of problem attributed to loss of 125 VDC turbine building reserve bus #2. To restart pump, the unit had to be shutdown.
- 7-23 to 7-31 The unit operated the remainder of the period. The capacity factor of 64.62% and an availability of 81.89% were achieved for the month.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

July, 1982

7-1 to 7-31      Unit Three entered the month operating at a power level of 818 MWe and operated continuously throughout the entire month (with normal power reductions on weekends for surveillances), reaching a power level of 821 MWe, with a capacity factor of 95.89% and an availability of 100.0%.