

OPERATING DATA REPORT

DOCKET NO. 050-010

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920  
X-550

OPERATING STATUS

NOTES

1. Unit Name: Dresden I
2. Reporting Period: June, 1981
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

11. Hours in Reporting Period
12. Number of Hours Reactor Was Critical
13. Reactor Reserve Shutdown Hours
14. Hours Generator On-Line
15. Unit Reserve Shutdown Hours
16. Gross Thermal Energy Generated (MWH)
17. Gross Electrical Energy Generated (MWH)
18. Net Electrical Energy Generated (MWH)
19. Unit Service Factor
20. Unit Availability Factor
21. Unit Capacity Factor (Using MDC Net)
22. Unit Capacity Factor (Using DER Net)
23. Unit Forced Outage Rate
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

N/A

**EXTENDED  
MODIFICATION  
OUTAGE**

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 July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920  
X-489

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: June, 1981
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

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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>720</u>	<u>4,343</u>	<u>97,583</u>
12. Number of Hours Reactor Was Critical	<u>680.0</u>	<u>1,278.2</u>	<u>74,416.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>667.7</u>	<u>1,213.7</u>	<u>70,673.7</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,114,821</u>	<u>1,944,702</u>	<u>139,242,758</u>
17. Gross Electrical Energy Generated (MWH)	<u>336,215</u>	<u>584,478</u>	<u>44,457,341</u>
18. Net Electrical Energy Generated (MWH)	<u>317,667</u>	<u>538,663</u>	<u>42,007,662</u>
19. Unit Service Factor	<u>92.7</u>	<u>27.9</u>	<u>72.4</u>
20. Unit Availability Factor	<u>92.7</u>	<u>27.9</u>	<u>72.4</u>
21. Unit Capacity Factor (Using MDC Net)	<u>57.2</u>	<u>16.1</u>	<u>55.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>55.6</u>	<u>15.6</u>	<u>54.2</u>
23. Unit Forced Outage Rate	<u>7.3</u>	<u>5.0</u>	<u>12.4</u>
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: 7-3-81

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: June, 1981
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>720</u>	<u>4,343</u>	<u>87,168</u>
12. Number of Hours Reactor Was Critical	<u>720.0</u>	<u>4,270.1</u>	<u>66,557.0</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4,233.0</u>	<u>63,866.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,654,016</u>	<u>9,868,693</u>	<u>126,353,163</u>
17. Gross Electrical Energy Generated (MWH)	<u>528,385</u>	<u>3,204,396</u>	<u>41,204,964</u>
18. Net Electrical Energy Generated (MWH)	<u>503,226</u>	<u>3,053,404</u>	<u>39,076,304</u>
19. Unit Service Factor	<u>100.0</u>	<u>97.5</u>	<u>73.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>97.5</u>	<u>73.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>90.4</u>	<u>91.0</u>	<u>58.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.0</u>	<u>88.5</u>	<u>56.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.1</u>	<u>14.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

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 Dresden I

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

MONTH JUNE, 1981

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>-</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT Dresden II

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

MONTH JUNE, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	333	17	724
2	313	18	677
3	320	19	751
4	322	20	628
5	317	21	685
6	321	22	677
7	317	23	777
8	318	24	778
9	336	25	765
10	344	26	607
11	349	27	695
12	335	28	643
13	86	29	483
14	0	30	276
15	273	31	-
16	557		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT Dresden III

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

MONTH JUNE, 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	747
2	758
3	771
4	793
5	733
6	785
7	658
8	748
9	763
10	781
11	788
12	768
13	734
14	770
15	714
16	715

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	742
18	799
19	754
20	796
21	701
22	701
23	793
24	715
25	750
26	776
27	655
28	417
29	578
30	673
31	-

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-010

UNIT NAME Dresden I

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH JUNE, 1981

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	781031	S	720	C	3	-	-	-	Refueling turbine overhaul & chemical cleaning outage.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Other (Explain)

<sup>4</sup>  
Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report ( ) File (NUREG-0161)

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Dresden II  
 DATE July 2, 1981  
 COMPLETED BY D. C. Maxwell  
 TELEPHONE (815) 942-2920

REPORT MONTH JUNE, 1981

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
3	810613	F	50:22	H*	3	-	-	-	*Lightning caused in-house electrical problems - being investigated by SEED.
4	810630	F	1:58	G	1	-	-	-	Operator tripped recirc. pump while adjusting flow.

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)



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-249

UNIT NAME Dresden III

DATE July 2, 1981

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH JUNE, 1981

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 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD S/N 54	Preventive WR #7106		N/A	N/A	Replaced with CRD 8960.
CRD S/N 6205	Preventive WR #2751		N/A	N/A	Replaced with CRD 1053.
CRD S/N 6567	Preventive WR #7108		N/A	N/A	Replaced with CRD 751.
CRD S/N 725C	Preventive WR #5294		N/A	N/A	Replaced with CRD 5758.
CRD S/N 79	Preventive WR #2750		N/A	N/A	Replaced with CRD 6458.
CRD S/N 973	Preventive WR #2747		N/A	N/A	Replaced with CRD 254.
CRD S/N 96	Preventive WR #10330		N/A	N/A	Replaced with CRD 62.
CRD S/N 753C	Preventive WR #9977		N/A	N/A	Replaced with CRD 5690.
CRD S/N 905	Preventive WR #5285		N/A	N/A	Replaced with CRD 390C.
CRD S/N 6452	Preventive WR #7104		N/A	N/A	Replaced with CRD 6362.
CRD S/N 1048	Preventive WR #5282		N/A	N/A	Replaced with CRD 1.
CRD S/N 516C	Preventive WR #8703		N/A	N/A	Replaced with CRD 6514.
CRD S/N 6285	Preventive WR #1519		N/A	N/A	Replaced with CRD 947.
CRD S/N 427	Preventive WR #610		N/A	N/A	Replaced with CRD 229A.
CRD S/N 6336	Preventive WR #7102		N/A	N/A	Replaced with CRD 998.
CRD S/N 6348	Preventive WR #2749		N/A	N/A	Replaced with CRD 5603.
CRD S/N 708C	Preventive WR #614		N/A	N/A	Replaced with CRD 255.
CRD S/N 1057	Preventive WR #1522		N/A	N/A	Replaced with CRD 295.
CRD S/N 568C	Preventive WR #9979		N/A	N/A	Replaced with CRD 27.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD S/N 953	Preventive WR #2743		N/A	N/A	Replaced with CRD 5637.
CRD S/N 710C	Preventive WR #10328		N/A	N/A	Replaced with CRD 970.
CRD S/N 39	Preventive WR #5300		N/A	N/A	Replaced with CRD 588.
CRD S/N 254	Preventive WR #10700		N/A	N/A	Replaced with CRD 660C.
CRD S/N 1024	Preventive WR #5299		N/A	N/A	Replaced with CRD 570C.
CRD S/N 8	Preventive WR #609		N/A	N/A	Replaced with CRD 958.
CRD S/N 1	Preventive WR #5286		N/A	N/A	Replaced with CRD 979.
CRD S/N 998	Preventive WR #10691		N/A	N/A	Replaced with CRD 710C.
CRD S/N 6391	Preventive WR #10694		N/A	N/A	Replaced with CRD 6167.
CRD S/N 616C	Preventive WR #616		N/A	N/A	Replaced with CRD 516.
CRD S/N 6226	Preventive WR #9023		N/A	N/A	Replaced with CRD 490C.
CRD S/N 930	Preventive WR #10693		N/A	N/A	Replaced with CRD 553C.
CRD S/N 124	Preventive WR #608		N/A	N/A	Replaced with CRD 2248.
CRD S/N 553C	Preventive WR #2744		N/A	N/A	Replaced with CRD 2767.
CRD S/N 688C	Preventive WR #10697		N/A	N/A	Replaced with CRD 6285.
CRD S/N 95	Preventive WR #10699		N/A	N/A	Replaced with CRD 6310.
CRD S/N 62	Preventive WR #10698		N/A	N/A	Replaced with CRD 6438.
CRD S/N 6454	Preventive WR #9068		N/A	N/A	Replaced with CRD 587C.
CRD S/N 27	Preventive WR #2742		N/A	N/A	Replaced with CRD 2F.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD S/N 1869	Preventive WR #9975		N/A	N/A	Replaced with CRD 3274.
CRD S/N 6328	Preventive WR #7096		N/A	N/A	Replaced with CRD 982.
CRD S/N 43	Preventive WR #5284		N/A	N/A	Replaced with CRD 887A.
CRD S/N 773C	Preventive WR #8699		N/A	N/A	Replaced with CRD 301.
CRD S/N 266	Preventive WR #8701		N/A	N/A	Replaced with CRD 297.
CRD S/N 134	Preventive WR #5289		N/A	N/A	Replaced with CRD 5715.
CRD S/N 397	Preventive WR #2740		N/A	N/A	Replaced with CRD 101.
CRD S/N 679C	Preventive WR #2741		N/A	N/A	Replaced with CRD 6509.
CRD S/N 6228	Preventive WR #2745		N/A	N/A	Replaced with CRD 7098.
CRD S/N 1099	Preventive WR #611		N/A	N/A	Replaced with CRD 8793.
CRD S/N 101	Preventive WR #1517		N/A	N/A	Replaced with CRD 1086.
CRD S/N 202C	Preventive WR #5288		N/A	N/A	Replaced with CRD 21.
CRD S/N 762C	Preventive WR #5291		N/A	N/A	Replaced with CRD 1078.
CRD S/N 590	Preventive WR #1518		N/A	N/A	Replaced with CRD 299.
CRD S/N 1045	Preventive WR #9973		N/A	N/A	Replaced with CRD 6188.
CRD S/N 856	Preventive WR #5283		N/A	N/A	Replaced with CRD 6101.
CRD S/N 59	Preventive WR #606		N/A	N/A	Replaced with CRD 1099.
CRD S/N 45	Preventive WR #1516		N/A	N/A	Replaced with CRD 396.
CRD S/N 1213	Preventive WR #7094		N/A	N/A	Replaced with CRD 958.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD S/N 229A	Preventive WR #7098		N/A	N/A	Replaced with CRD 2.
CRD S/N 738C	Preventive WR #612		N/A	N/A	Replaced with CRD 735C.
CRD S/N 720C	Preventive WR #5203		N/A	N/A	Replaced with CRD 78.
CRD S/N 252	Preventive WR #7324		N/A	N/A	Replaced with CRD 3397.
CRD S/N 1247	Preventive WR #10329		N/A	N/A	Replaced with CRD 590.
CRD S/N 660C	Preventive WR #7326		N/A	N/A	Replaced with CRD 5739.
CRD S/N 760	Preventive WR #5293		N/A	N/A	Replaced with CRD 588C.
CRD S/N 689C	Preventive WR #7092		N/A	N/A	Replaced with CRD 6008.
CRD S/N 255	Preventive WR #9970		N/A	N/A	Replaced with CRD 608C.
CRD S/N 108	Preventive WR #2752		N/A	N/A	Replaced with CRD 1048.
CRD S/N 883	Preventive WR #607		N/A	N/A	Replaced with CRD 266.
CRD S/N 580C	Preventive WR #10701		N/A	N/A	Replaced with CRD 700C.
CRD S/N 81	Preventive WR #10692		N/A	N/A	Replaced with CRD 1869.
CRD S/N 8793	Preventive WR #12915		N/A	N/A	Replaced with CRD 883.
2A CCSW Pump Discharge Valve	Preventive WR #4670 (1979)		N/A	N/A	Repacked; cleaned & greased stem.
Rx Mode Switch	Preventive WR #920 (1979)		N/A	N/A	Replaced switch.
480V Safety Related Contactors	Preventive WR #4129 (1978)		N/A	N/A	Replaced contacts to comply with I.E. Bull. 78-05.
A FW Manual Isolation Vlv 2-220-57A	Preventive WR #13035		N/A	N/A	Tightened packing.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD Hatch	Preventive WR #9181		N/A	N/A	Closed hatch for LLRT.
AO 1601-60	Preventive WR #13180		N/A	N/A	Rebuilt per repair kit.
AO 1601-23	Preventive WR #13159		N/A	N/A	Rebuilt per repair kit.
HPCI Drain Pot Vlv. 2301-31	Preventive WR #13163		N/A	N/A	Replaced air diaphragm & O-ring.
Scram Inlet Valves at 38-11 & 42-51	Preventive WR #13244		N/A	N/A	Tightened one turn.
Scram Inlet Valves at 42-51 & 22-51	Preventive WR #13198		N/A	N/A	Tightened to prevent leak.
Diesel Generator	Preventive WR #11910		N/A	N/A	Installed & calibrated new pressure switch.
203-2C Pilot Thermocouple	Preventive WR #13390		N/A	N/A	Replaced T/C
AO 1501-25A	Corrective WR #13215		Piston Cup On Air Operator Inoperable	Valve Inoperable	Installed new piston cup.
FW Check Valve 220-58B	Preventive WR #11363		N/A	N/A	Replaced valve.
2D LPCI Pump	Preventive WR #8657		N/A	N/A	Inspected cooling water lines & recalibrated flow switch.
Drywell Personnel & Equip. Doors	Preventive WR #9173		N/A	N/A	Inspected gaskets for LLRT.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Pressure Indicator at Penetration 204S	Preventive WR #13158		Foreign Material Holding Stem Ope..	Valve Inoperable	Cleaned & tightened packing.
Drywell Vent Valve 2-1601-2B	Preventive WR #11279		N/A	N/A	Replaced valve.
2B LPCI Heat Exchanger	Preventive WR #11428		N/A	N/A	Tube cleaning & plugging.
AO 2-1601-63	Preventive WR #13131		N/A	N/A	Checked, cleaned & re-installed.
Shutdown Cooling Inlet Valve MO 1001-1A	Preventive WR #13036		N/A	N/A	Tightened packing.
Recirc. System for Valve Logic for MG Sets	Preventive WR #12994		N/A	N/A	Tested per SOP 81-4-41.
AO 2-1601-60	Preventive WR #12824		N/A	N/A	Installed new valve.
Rx Target Rock Valve	Preventive WR #9176		N/A	N/A	Repaired steam leak damage & reinstalled.
B LPCI Insp. Pump Breaker	Preventive WR #12162		N/A	N/A	Inspected per DMP 6700-3.
CRD 02-35 Scram Solenoid Valve	Corrective WR #12118		Nuts Holding Coils Caught Under Name-plate	Air Leak	Repositioned & tightened.
MSIV 2-203-2B	Preventive WR #11112		N/A	N/A	Repacked valve.
S/N 2410 Accum. 26-07	Preventive WR #13137		N/A	N/A	Replaced with S/N 2437.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Scram Inlet Valve at Accum 54-23	Preventive WR #13183		N/A	N/A	Adjusted stroke to prevent leakage.
Scram Inlet Valve at Accum 26-03	Preventive WR #13196		N/A	N/A	Adjusted stroke to prevent leakage.
Inst. Flow Checks 263-2-42B, 2-31R, 2-31W, 2-20C	Preventive WR #13201		N/A	N/A	Low leakage limit; tested & adjusted.
Scram Inlet Valve at Accum 50-43	Preventive WR #13199		N/A	N/A	Adjusted to prevent leak.
FW Check Valve 2-220-62A	Preventive WR #11361		N/A	N/A	Failed LLRT; tested & reinstalled.
HPCI 2301-10	Preventive WR #13302		N/A	N/A	Tightened packing leak.
HPCI Oil P Alarm	Preventive WR #13389		N/A	N/A	Cleaned filter elements.
DG Continuous Lube Oil Pump	Corrective WR #13680		Motor Windings Open & Shorted	Inoperable & Trips Breaker	Replaced motor
IRM Ch. 16	Preventive WR #5721 (1980)		N/A	N/A	Replaced extension cable & connector.
Torus Safety Related Valves	Preventive WR #11914		N/A	N/A	Functionally tested all safety relief valves.
Rx Cleanup Demin Plm - Breaker	Preventive WR #12163		N/A	N/A	Performed breaker inspection.



## DRESDEN UNIT 2

## SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Electromatic Operators	Preventive WR #8972 (1980)		N/A	N/A	Inspected, bench tested, & reinstalled.
CRD S/N 947	Preventive WR #5290		N/A	N/A	Replaced with CRD 39.
CRD S/N 700C	Preventive WR #2754		N/A	N/A	Replaced with CRD 6484.
CRD S/N 390C	Preventive WR #5296		N/A	N/A	Replaced with CRD 43.
CRD S/N 78	Preventive WR #615 (1979)		N/A	N/A	Replaced with CRD 8.
CRD S/N 2	Preventive WR #5281		N/A	N/A	Replaced with CRD 1064.
CRD S/N 106	Preventive WR #1521 (1979)		N/A	N/A	Replaced with CRD 3250.
CRD S/N 752	Preventive WR #7328		N/A	N/A	Replaced with CRD 30.
CRD S/N 608C	Preventive WR #1523 (1979)		N/A	N/A	Replaced with CRD 82.
CRD S/N 1032	Preventive WR #2748 (1979)		N/A	N/A	Replaced with CRD 6348.
CRD S/N 570C	Preventive WR #5287		N/A	N/A	Replaced with CRD 106.
CRD S/N 587C	Preventive WR #1525 (1979)		N/A	N/A	Replaced with CRD 6228.
CRD S/N 272	Preventive WR #7090		N/A	N/A	Replaced with CRD 879.
CRD S/N 1053	Preventive WR #1524 (1979)		N/A	N/A	Replaced with CRD 1829.
CRD S/N 6258	Preventive WR #613 (1979)		N/A	N/A	Replaced with CRD 4776.
CRD S/N 9	Preventive WR #5297		N/A	N/A	Replaced with CRD 6032.
2-202-7B	Preventive WR #13190		N/A	N/A	Tightened packing.
HPCI MO 2301-4	Preventive WR #13032		N/A	N/A	Tightened packing.
2-202-98	Preventive WR #13187		N/A	N/A	Tightened packing.

## DRESDEN UNIT 2

## SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD Support Steel	Preventive WR #8761		N/A	N/A	Remove steel for CRD removal & reinstall after CRD change-out.
2B LPCI Heat Exchanger	Preventive WR #11889		N/A	N/A	Replaced 492 tubes, plugged 41.
CRD S/N 1533	Preventive WR #10711		N/A	N/A	Rebuilt.
CRD S/N 568C	Preventive WR #9978		N/A	N/A	Rebuilt.
CRD S/N 81	Preventive WR #10703		N/A	N/A	Rebuilt.
CRD S/N 134	Preventive WR #5307		N/A	N/A	Rebuilt.
CRD S/N 79	Preventive WR #2756 (1979)		N/A	N/A	Rebuilt.
CRD S/N 1045	Preventive WR #9972		N/A	N/A	Rebuilt.
CRD S/N 720C	Preventive WR #5311		N/A	N/A	Scrapped for parts.
CRD E-8(18-31) Scram Valve Pilot Solenoid	Preventive WR #13965		N/A	N/A	Rebuilt scram solenoids.
CRD P-10(54-39) Scram Valve Pilot Solenoid	Preventive WR #13990		N/A	N/A	Rebuilt scram solenoids.
CRD M-14(46-55)	Preventive WR #14039		N/A	N/A	Replaced diaphragm gasket.
CRD Spares 974, 6454, 883, 6228, 753C, 272	Preventive WR #12614		N/A	N/A	Leak tested; rebuilt CRD's.
Accum. 54-15	Preventive WR #13746		N/A	N/A	Replaced accumulator.

## DRESDEN UNIT 2

## SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
H24 Cable Pan 2RB-40 in HPCI	Preventive WR #13763		N/A	N/A	Repaired damaged insulation on cables.
HPCI Emergency Oil Pump	Preventive WR #13982		N/A	N/A	Motor meggered & checked.
LPCI Heat Ex- changer P Alarm Switch	Preventive WR #7521		N/A	N/A	Replaced bellows.
MSL P Gauge 261-2N	Preventive WR #13563		N/A	N/A	Replaced meter movement & calibrated switch.
Accum. Pressure Alarm 02-35	Preventive WR #13328		N/A	N/A	Checked - found ok.
CRD S/N 946	Preventive WR #2763 (1979)		N/A	N/A	Rebuilt.
CRD S/N 620	Preventive WR #9028		N/A	N/A	Rebuilt.
CRD S/N 632B	Preventive WR #1097		N/A	N/A	Rebuilt.
CRD S/N 679C	Preventive WR #2761 (1979)		N/A	N/A	Rebuilt.
CRD S/N 725C	Preventive WR #5312		N/A	N/A	Rebuilt.
CRD S/N 953	Preventive WR #2764 (1979)		N/A	N/A	Rebuilt.
CRD S/N 252	Preventive WR #7323		N/A	N/A	Rebuilt.
CRD S/N 6454	Preventive WR #9067		N/A	N/A	Rebuilt.
CRD S/N 973	Preventive WR #2765 (1979)		N/A	N/A	Rebuilt.
CRD S/N 1027	Preventive WR #1534 (1979)		N/A	N/A	Rebuilt.
CRD S/N 6452	Preventive WR #7105		N/A	N/A	Rebuilt.

## DRESDEN UNIT 2

## SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD S/N 1024	Preventive WR #5319		N/A	N/A	Rebuilt.
CRD S/N 760	Preventive WR #5313		N/A	N/A	Rebuilt.
CRD S/N 9	Preventive WR #5303		N/A	N/A	Rebuilt.
CRD S/N 6258	Preventive WR #627 (1979)		N/A	N/A	Rebuilt.
CRD S/N 427	Preventive WR #621 (1979)		N/A	N/A	Rebuilt.
CRD S/N 930	Preventive WR #10709		N/A	N/A	Rebuilt.
CRD S/N 6540	Preventive WR #9026		N/A	N/A	Rebuilt.
CRD S/N 580C	Preventive WR #10707		N/A	N/A	Rebuilt.
CRD S/N 962	Preventive WR #12437		N/A	N/A	Rebuilt.
CRD S/N 6391	Preventive WR #10712		N/A	N/A	Rebuilt.
CRD S/N 1213	Preventive WR #7095		N/A	N/A	Rebuilt.
CRD S/N 95	Preventive WR #10704		N/A	N/A	Rebuilt.
CRD S/N 6540	Preventive WR #9025		N/A	N/A	Replaced with drive 905.
CRD S/N 272	Preventive WR #7091		N/A	N/A	Rebuilt.
CRD S/N 620C	Preventive WR #9027		N/A	N/A	Replaced with CRD 6327.
CRD S/N 6127	Preventive WR #12636		N/A	N/A	Rebuilt.
CRD 42-19(L-5)	Preventive WR #14191		N/A	N/A	Changed seat discs & gaskets.
Accum 22-47 (F-12)	Preventive WR #13954		N/A	N/A	Replaced fitting on N <sub>2</sub> block charging nipple.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Accum 22-47 (F-12)	Preventive WR #3953		N/A	N/A	Repacked ster valve on N <sub>2</sub> block.
B Electromatic Acoustical Monitor	Preventive WR #13650		N/A	N/A	Tested sensor & replaced.
HPCI Lo Filter	Preventive WR #13765		N/A	N/A	Cleaned elements.
HPCI 3 Valve Disc	Preventive WR #13981		N/A	N/A	Replaced flange & installed new flex gasket.
D Relief Valve Acoustic Monitor	Preventive WR #14011		N/A	N/A	Replaced defective alarm unit.
CRD Scram Valves	Preventive WR #14152		N/A	N/A	Adjusted valves on CRD's D-4(14-15), F-7(22-27), H-1(30-03).
Electromatic R/V Discharge Pump Vacuum Breakers	Preventive WR #14181		N/A	N/A	Changed breakers 2, 3, 5; realigned 1, 4.
SBLC 2A Squib Valve Mon.	Preventive WR #14116		N/A	N/A	Replaced bulb on meter light for fail alarm.
2A RPS MG	Preventive WR #14112		N/A	N/A	Replaced thermal overload heaters.
1601-32D Vac. Breaker Switch	Preventive WR #14091		N/A	N/A	Tested - found ok.
HPCI Aux. Oil Pump Starter	Preventive WR #14046		N/A	N/A	Checked per DMP 8300-3.
HPCI Aux. Oil Pump	Preventive WR #13977		N/A	N/A	Installed motor & checked.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
4 Rod LPRM Display	Preventive WR #13602		N/A	N/A	Replaced 5 diodes.
Torus & Drywell Vacuum Breaker	Preventive WR #9937		N/A	N/A	Adjusted limit switch.
3-1601-20A	Preventive WR #11664		N/A	N/A	Installed new cyl. kit.
Refuel Grapple	Preventive WR #12007		N/A	N/A	Replaced air hose & fittings on monorail hoist.
Cable switch - Refuel Platform	Preventive WR #14020		N/A	N/A	Checked - found okay.
Accum. 34-03 (J-1)	Preventive WR #14160		N/A	N/A	Tightened bolts on diaphragm.
Refuel Platform	Preventive WR #14021		N/A	N/A	Attached fitting & restraint to prevent air leak at lower grapple end.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JUNE, 1981

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Spare 2/3 Rx Safety Valve #6532	Preventive WR #11599		N/A	N/A	Overhauled & replaced disc.
Spare 2/3 Rx Safety Valve #6299	Preventive WR #11601		N/A	N/A	Overhauled valve.
Spare 2/3 Rx Safety Valve #6263	Preventive WR #11600		N/A	N/A	Overhauled valve.
Spare 2/3 Rx Safety Valve #6526	Preventive WR #11538		N/A	N/A	Overhauled valve.
DG Air Receiver Drain Tank Valve 2/3-4699-187	Preventive WR #13514		N/A	N/A	Replaced valve.
Diesel Gen.	Preventive WR #12973		N/A	N/A	Performed quarterly valve.
4KV Breaker to Bus 23-1	Preventive WR #12351		N/A	N/A	Replaced cracked contact supports.
DG Cool Water Pump	Preventive WR #12443		N/A	N/A	Inspected bearing - ok. Inspected Y strainer - cleaned.
Spare Grinnell Snubbers	Preventive WR #13464		N/A	N/A	Rebuilt snubbers.
Rx Bldg. Crane	Preventive WR #13662		N/A	N/A	Adjusted drum brake & installed new indicator bracket.

SUMMARY OF OPERATING EXPERIENCE

UNIT ONE

JUNE, 1981

6-1 to 6-30    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

JUNE, 1981

6-1 to 6-13 Unit Two entered the month operating at a power level of 333 MWe and operated at this approximate level until 6-13-81 at 0545 hours, when lightning struck the building, causing in-house electrical problems, automatically scrambling the reactor.

6-13 to 6-30 The reactor was made critical on 6-14-81 at 1230 hours and automatically scrambled at 1617 hours because of low condenser vacuum. The reactor was again made critical on 6-15-81 at 0130 hours, and the Unit was placed in service at 0807 hours, reaching a power level of 778, and operated until 6-30-81 at 2202 hours when it was taken off the line to investigate the 2B recirc. pump problem that had developed 6-29-81. The reactor was critical at the end of the reporting period. Unit Two availability was 92.73% and capacity factor was 55.99%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

JUNE, 1981

6-1 to 6-30      Unit Three entered the month  
operating at a power level of 799 MWe  
and operated continuously during the  
entire month, with a capacity factor  
of 83.21% and an availability of  
100%.