

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE Sept. 10, 1984

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: August, 1984
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:  
\_\_\_\_\_  
\_\_\_\_\_
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	<u>744</u>	<u>5,855</u>	<u>125,375</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>5,667.3</u>	<u>97,891.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5,565.3</u>	<u>96,471.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,681,976</u>	<u>12,994,536</u>	<u>189,689,172</u>
17. Gross Electrical Energy Generated (MWH)	<u>512,582</u>	<u>4,176,556</u>	<u>60,678,755</u>
18. Net Electrical Energy Generated (MWH)	<u>502,443</u>	<u>3,978,286</u>	<u>57,386,550</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.1</u>	<u>76.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>95.1</u>	<u>76.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>87.5</u>	<u>88.0</u>	<u>59.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>85.1</u>	<u>85.6</u>	<u>57.6</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>4.9</u>	<u>11.3</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling outage scheduled to begin 10-1-84 for approximately 12 weeks.</u>			

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

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE Sept. 10, 1984

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: August, 1984
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:

\_\_\_\_\_

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	<u>744</u>	<u>5,855</u>	<u>114,960</u>
12. Number of Hours Reactor Was Critical	<u>713.0</u>	<u>1,293.2</u>	<u>84,138.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>687.6</u>	<u>873.8</u>	<u>80,734.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,469,741</u>	<u>1,718,334</u>	<u>161,679,432</u>
17. Gross Electrical Energy Generated (MWH)	<u>444,512</u>	<u>519,053</u>	<u>52,471,972</u>
18. Net Electrical Energy Generated (MWH)	<u>437,647</u>	<u>472,206</u>	<u>50,702,790</u>
19. Unit Service Factor	<u>92.4</u>	<u>14.9</u>	<u>70.2</u>
20. Unit Availability Factor	<u>92.4</u>	<u>14.4</u>	<u>70.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>76.1</u>	<u>10.2</u>	<u>57.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>74.1</u>	<u>6.1</u>	<u>55.5</u>
23. Unit Forced Outage Rate	<u>7.6</u>	<u>---</u>	<u>12.6</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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237

UNIT NAME Dresden II

DATE September 10, 1984

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH AUGUST, 1984

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								

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

<sup>2</sup>  
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)

<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

DOCKET NO. 050-249

UNIT NAME Dresden III

DATE September 10, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH AUGUST, 1984

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	84-8-5	S	0:39	B	Rx Remained Critical	--	--	--	Planned turbine overspeed test.
2	4-8-21	F	55:48	A	3	84-10/036-0	--	--	3A feedwater regulator valve failure.

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

<sup>2</sup>  
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)

<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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE September 10, 1984

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH August, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	755
2	746
3	737
4	718
5	729
6	723
7	718
8	714
9	705
10	581
11	675
12	654
13	768
14	706
15	725
16	653

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	575
18	601
19	580
20	625
21	711
22	717
23	710
24	700
25	704
26	560
27	578
28	696
29	679
30	680
31	614

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE September 10, 1984

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH August, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	669
2	679
3	652
4	607
5	365
6	540
7	564
8	622
9	709
10	702
11	572
12	570
13	625
14	716
15	750
16	748

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	793
18	537
19	680
20	769
21	717
22	0
23	0
24	235
25	462
26	551
27	674
28	723
29	723
30	730
31	756

DRESDEN UNIT 1

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
AO 503	Preventive W.R. #34840	---	N/A	N/A	Replaced coil.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U2 ACAD-CAM Air Compressor, EPN PI-2-2540-12 PS-2-2540-20 PT 2-2541-20	Preventive W.R. #30602	---	N/A	N/A	Calibrated instruments.
Alarm Recirc Loop Flow Limit A, G-4	Corrective W.R. #36676	---	N/A	N/A	Replaced alarm card.
MO 1501-13A	Preventive W.R. #36034	---	N/A	N/A	Bench tested breaker.
Wide Range Torus Level Indicator	Preventive W.R. #36269	---	N/A	N/A	Performed DIS 1600, Rev. 4.
SRM Channel 21	Corrective W.R. #31455	---	N/A	N/A	Cleaned input connector.
Accum. 34-11 East Bank	Preventive W.R. #36477	---	N/A	N/A	Recalibrated pressure switch.
LPRM 16-490	Corrective W.R. #36151	---	N/A	N/A	Replaced bulb.
RBM/APRM Flow Converter	Preventive W.R. #36487	---	N/A	N/A	Adjusted the RBMI APRM flow converter.
SRM 23	Corrective W.R. 30663	---	N/A	N/A	Cleaned input connectors.
Pressure Indicating SW 263-52B	Preventive W.R. #36132	---	N/A	N/A	Calibrated indicator.



DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U2 HPCI Room Cooler	Preventive W.R. #34916	---	N/A	N/A	Replaced belts.
U2 Scram Reset Switch	Preventive W.R. #36739	---	N/A	N/A	Replaced reset switch with like for like.
D/W Closed Cooling Water Supply Valve 2-3702	Preventive W.R. #36688	---	N/A	N/A	Replaced all three auxiliary contacts.
Valve 2-2301-65	Preventive W.R. #36557	---	N/A	N/A	Cleaned contacts on open limit switch.
U2 MO 2-2301	Preventive W.R. #36847	---	N/A	N/A	Dried stack ground. Is now clear.
Turbine Stop Valve Above Seat Drain to Sump 2301-65	Preventive W.R. #36801	---	N/A	N/A	Replaced both open and closed limit switch with like for like.
U2 Gland Seal Leak Off Pump (HPCI System)	Corrective W.R. #36280	---	N/A	N/A	Removed lamps and replaced bush covers.
RPS "A" IRM Bypass joy stick	Corrective W.R. #36718	---	N/A	N/A	Replaced joy stick.
RBCCW Return Valve, EPN #3706	Corrective W.R. #32891	---	N/A	N/A	Reset breaker trip setting to 3 for all three phases.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Shutdown Cooling Discharge Valve	Preventive W.R. #36685	---	N/A	N/A	Removed motor from MO 2-1001-5A and installed on MO 2-1001-1B.
Refuel Platform	Preventive W.R. #28939	---	N/A	N/A	Replaced up/down switch.
U2 Grapple	Preventive W.R. #30819	---	N/A	N/A	Restored grapple to normal.
U2 HPCI Drain Pot, EPN #2-2301-54	Preventive W.R. #35038	---	N/A	N/A	Installed 4 rings of packing.
2-2301-46	Preventive W.R. #29116	---	N/A	N/A	Installed new diaphragm.
HPCI Turbine Drain Pot Trap	Preventive W.R. #32901	---	N/A	N/A	Changed disc and seat.
HPCI Vent Valve	Preventive W.R. #35974	---	N/A	N/A	Disassembled valve, cleaned and installed new gasket.
D2 East Torus Access Hatch	Preventive W.R. #35625	---	N/A	N/A	East torus access hatch is now closed and secured.
Rx Level Yarway Valves, EPN #LIS-2-263-55A	Preventive W.R. #33501	---	N/A	N/A	Repacked valve.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Torus Water Temperature Rec'ds., EPN #2-1640-1	Preventive W.R. #36284	---	N/A	N/A	Recalibrated both recorder pens.
2 DG Crank-case Pressure Switch	Preventive W.R. #34380	---	N/A	N/A	Replaced pressure switch.
Isolation Condenser Rad Monitor "A", EPN #2-1705-9A	Corrective W.R. #36033	---	N/A	N/A	Remade connector in Control Room.
2-1501-27B	Preventive W.R. #34787	---	N/A	N/A	Visual inspection made. Verified proper torque settings.
Rx Bldg. Exchange Fan Isolation Valve	Preventive W.R. #35411	---	N/A	N/A	Repaired and replaced versa valve solenoids.
Suppression Pool Temperature, EPN #1641-220A	Corrective W.R. #35059	---	N/A	N/A	Replaced capacitor and calibrated.
Drywell High Pressure Switch for Cont. Spray, EPN #PS 2-1501-62C	Preventive W.R. #34109	---	N/A	N/A	Installed new switch.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
MO 1601-57 Local Control Station	Corrective W.R. #34848	---	N/A	N/A	Repaired lock and replaced glass.
AO 2-2301-28	Preventive W.R. #34889	---	N/A	N/A	Adjusted limits on HPCI valve 2301-28.
MO 1501-13A	Preventive W.R. #35956	---	N/A	N/A	Adjusted limits on LPCI valve 1501-13A.
2-1501-27A	Preventive W.R. #34379	---	N/A	N/A	Adjusted limits on LPCI valve 1501-27A.
SDC Isolation Valve, EPN #2-1001-1B	Preventive W.R. #36655	---	N/A	N/A	Replaced shutdown cooling valve 1001-1B.
HFA Relay	Preventive W.R. #35338	---	N/A	N/A	Adjusted contacts on the MSL tunnel HFA relay.
HPCI Turbine Exchange Drain Pot High Level	Preventive W.R. #35103	---	N/A	N/A	Recalibrated HPCI drain pot high level alarm.
Torus Level Transmitter	Preventive W.R. #33835	---	N/A	N/A	Recalibrated torus level transmitter.
IRM 16	Preventive W.R. #24658	---	N/A	N/A	Recalibrated IRM 16.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
3 West LPCI Room Cooler, EPN #3-5746B	Corrective W.R. #34073	---	N/A	N/A	Found defective end cover gaskets. Replaced and checked for leak.
IB MSIV, EPN #3-0203-1B	Corrective W.R. #34555	---	N/A	N/A	Replaced defective O'ring - refilled with oil.
APRM 4	Corrective W.R. #33971	---	N/A	N/A	Replaced defective switch. Performed LPRM card tests. Ok.
LPKM 40-57B, LPRM GRI	Corrective W.R. #34387	---	N/A	N/A	Replaced defective switch. Performed LPRM card tests. Ok.
Torus to Drywell Vacuum Breakers	Preventive W.R. #34280	---	N/A	N/A	Repaired vacuum breakers.
D3 MSIV Pilot Valves, EPN #3-203-1A	Preventive W.R. #27924	---	N/A	N/A	Rebuilt and tested MSIV pilot valves 3- and 4-way.
D3 MSIV Pilot Valves, EPN #3-203-2A	Preventive W.R. #27920	---	N/A	N/A	Rebuilt and tested 2- and 4-way pilot valves.
D3 MSIV Pilot Valves, EPN 3-203-1C	Preventive W.R. #27922	---	N/A	N/A	Rebuilt and tested 3- and 4-way pilot valves.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
D3 MSIV Pilot Valves, EPN #3-203-20	Preventive W.R. #27917	---	N/A	N/A	Rebuilt and tested 3- and 4way pilot valves.
U3 Rx Clean-up Weld #8-36	Corrective W.R. #33895	---	N/A	N/A	Indication was removed by light grinding.
3B LPCI Line 1506 (Weld # 16-10B loop) EPN #3-1506-B	Corrective W.R. #33698	---	N/A	N/A	Repaired indication on weld 16-10 on "B" LPCI line.
CRD 7, EPN # 3-300-14-27	Corrective W.R. #32100	---	N/A	N/A	Corrective maintenance. Replaced control blade D-7 (14-27).
Drywell Equipment Discharge Valve	Preventive W.R. #22608	---	N/A	N/A	Replaced packing on drywell equipment drain valve 3-2001-3.
202-6B Seat Drain Line, EPN #0288A-3/4 "A"	Preventive W.R. #34189	---	N/A	N/A	Removed and reinstalled new elbow.
3 East LPCI Room Cooler, EPN #3-5746A	Preventive W.R. #34074	---	N/A	N/A	Inspected and repaired leak source.
U3 Rx Recirc Line 3-0202B	Preventive W.R. #31480	---	N/A	N/A	Removed and replaced pipe hanger.
U3 Rx Recirc Line 3-0202B-28	Preventive W.R. #31479	---	N/A	N/A	Removed and replaced pipe restraint on line 3-0202B-28.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U3 Rx Recirc System	Preventive W.R. #31804	---	N/A	N/A	Removed and replaced angle iron brace.
U3 Rx Recirc System Weld #28-K16	Preventive W.R. #31600	---	N/A	N/A	Removed and replaced pipe restraint on line 3-0201B-28, weld #28 K16 (IHSI). Also removed and reinstalled spring support.
U3 Rx Recirc System Weld #22A-10	Preventive W.R. #31504	---	N/A	N/A	Removed and replaced pipe restraint on line 3-02021A-20, weld #22A-10.
U3 0202-7B Valve	Preventive W.R. #33713	---	N/A	N/A	Removed and replaced MO valve handle to allow overlay (weld 28-15) on B loop.
U3 Rx Recirc Line 3-0202A-28 Weld #28-7	Preventive W.R. #31798	---	N/A	N/A	Removed and replaced shear lugs on line 3-0202A-28 weld #28-7.
U3 A LPCI System Support	Preventive W.R. #33348	---	N/A	N/A	Removed and replaced 4"x4" square tube steel support to allow weld overlay.
Weld Overlay of 28-13 (B Loop) D3 Pipe Hanger Support	Preventive W.R. #33560	---	N/A	N/A	Removed and replaced bolted hanger to allow weld overlay of weld #28-13 (B).
U3 Rx Recirc System Weld #28-K8	Preventive W.R. #31602	---	N/A	N/A	Replaced pipe restraint and verified proper replacement.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U3 Rx Recirc Hanger 23A-10	Preventive W.R. #31636	---	N/A	N/A	Removed and replaced pipe hanger to allow IHSI to be performed.
Line (3-1202-8) U3 Rx Cleanup Breakers	Preventive W.R. #33290	---	N/A	N/A	Removed and replaced brackets on cleanup system lines to allow automatic weld overlay on welds 8-32 and 8-34.
U3 Rx Water Cleanup Line (1233-1")	Preventive W.R. #33370	---	N/A	N/A	Removed and replaced 1" stainless steel line in Rx Cleanup pipeway (3-1233-1").
U3 B-LPCI 8" Support Beam	Preventive W.R. #33400	---	N/A	N/A	Removed and replaced 8" bolted I-Beam to allow weld overlay of B LPCI loop.
Weld #28-13 U3 Rx Recirc Piping Inst. Bracket	Preventive W.R. #33719	---	N/A	N/A	Removed and replaced angle iron brace for thermocouple wire to allow overlay of weld #28 on B-Loop.
IRM Channel 12, EPN #UP3-762C	Corrective W.R. #33748	---	N/A	N/A	Replaced IRM #12.
3-D Electromatic, EPN #2-203-D	Corrective W.R. #27846	---	N/A	N/A	Replaced "D" electromatic.
D3 MSIV Pilot Valves EPN #3-203-1D	Corrective W.R. #27921	---	N/A	N/A	Rebuilt and tested 3- and 4-way pilot valves.



DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Weld #28-10, U3 Recirc. Piping	Preventive W.R. #33785	---	N/A	N/A	Installed option 2 (Gamma Port) per Station Traveler.
3B Electro-matic, EPN #3-203-B	Preventive W.R. #27900	---	N/A	N/A	Replaced pilot valve.
3C Electro-matic, EPN #3-203-C	Preventive W.R. #27899	---	N/A	N/A	Replaced pilot valve.
Weld #28-14, D3 Pipe Hanger (Weld Overlay)	Preventive W.R. #33617	---	N/A	N/A	Removed and replaced spring can hanger to allow weld overlay of weld #28-14 (B-Loop).
B-Loop (Weld #28-15), U3 Rx Recirc. Piping Overlay, EPN Line #3-0217-F-3/4"	Preventive W.R. #33690	---	N/A	N/A	Removed and replaced union on spring can.
U3 Main Steam Line (A)	Corrective W.R. #31824	---	N/A	N/A	Repaired indication on (A) main steam line caused by cutting torch.
D3 MSIV Pilot Valve, EPN #3-203-2C	Preventive W.R. #27918	---	N/A	N/A	Rebuilt and tested 3-way and 4-way pilot valves.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
MO 2301-3 Above Set- Drain AO 3- 2301-64A0	Corrective W.R. #34962	---	N/A	N/A	Replaced base.
Drywell Pressure Switch #3- 1628B	Preventive W.R. #34268	---	N/A	N/A	Replaced pressure switch 3-1628.
Main Steam Line High Flow, EPN #dPI53-261- 2G	Preventive W.R. #35259	---	N/A	N/A	Replaced switch.
Main Steam Line Lug Rad Monitor	Corrective W.R. #34858	---	N/A	N/A	Completed repairs on MSL rad monitor.
"B" Recirc. Pump Suction Valve	Corrective W.R. #33473	---	N/A	N/A	Ground out flow area and repaired per package procedure.
FB 590-123C Auxiliary 10 SGC Time Delay Relay	Preventive W.R. #33999	---	N/A	N/A	Replaced relay with like for like.
3B Recirc. MG Set	Preventive W.R. #34559	---	N/A	N/A	Limit set properly.
Head Seal Leak Valve, EPN #3-220- 51	Preventive W.R. #34272	---	N/A	N/A	Adjusted limits.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Channel A Reactor Scram Annunciator	Preventive W.R. #33256	---	N/A	N/A	All alarms trips worked and reset properly. Replaced alarm on A channel.
West SDV Drain Valve, EPN #3-302-157B	Preventive W.R. #34107	---	N/A	N/A	Adjusted open and close limit switch on valve.
CRD 22-55, F-14	Preventive W.R. #33848	---	N/A	N/A	Replaced solenoid and o-rings.
CRD F-14 (22-55), EPN #22-55-120	Preventive W.R. #33834	---	N/A	N/A	Replaced solenoid and o-rings.
MOV 3-220-1	Preventive W.R. #33399	---	N/A	N/A	Removed and reinstalled jumpers.
U3 Torus to Druwell Vacuum Breakers, EPN #1601-31 & 32	Preventive W.R. #34038	---	N/A	N/A	Adjusted and checked all limit switches.
1501-28A MO Valve	Preventive W.R. #34474	---	N/A	N/A	Verified and inspected torque switch settings.
1501-28B MO Valve	Preventive W.R. #34475	---	N/A	N/A	Verified and inspected torque switch settings.
1501-27B MO Valve	Preventive W.R. #34476	---	N/A	N/A	Verified and inspected torque switch settings.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U3 LPCI Testable Check, EPN #3-1501-25B	Preventive W.R. #34034	---	N/A	N/A	Adjusted magnetic switch to give proper indication.
Cleanup Isolation Valve 3-1201-1	Preventive W.R. #33730	---	N/A	N/A	Replaced relay 595-128.
Slack Cable Relay	Preventive W.R. #33645	---	N/A	N/A	Replaced nut and adjusted slack cable limit.
U3 HPCI Room Cooler, EPN #3-5747	Preventive W.R. #34494	---	N/A	N/A	Replaced belts and adjusted pulleys.
Bus 34-1 Syncro. Check Relay	Corrective W.R. #31638	---	N/A	N/A	Reversed polarity on bus 34-1 syncro. check relay.
Above Core Plate $\Delta P$ Cell	Preventive W.R. #35009	---	N/A	N/A	Repaired and calibrated core spray above core plate $\Delta P$ potential meter.
U3 2301-35 MOV	Preventive W.R. #33167	---	N/A	N/A	Replaced light bulb at HPCI local panel.
U3 Rx Recirc. System	Preventive W.R. #31437	---	N/A	N/A	Removed and reinstalled pipe restraints on two recirculation lines to allow for IHSI coil replacements.
Snubbers	Preventive W.R. #30463	---	N/A	N/A	Tested hydraulic and mechanical snubbers.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
SRM Channel 24, EPN# RM3-750-1D	Preventive W.R. #28352	---	N/A	N/A	Replaced integrator module on SRM 24.
Cleanup Line Support, EPN #1201-M-108	Preventive W.R. #32162	---	N/A	N/A	Removed and reinstalled pipe support on RWCU line.
U3 Rx. Recirc. Line 3-0201B-28	Corrective W.R. #33894	---	N/A	N/A	Removed by grinding and welding indication on the B recirculation pump.
"A" Feedwater N4D Line 3204E, EPN # Weld #21-1	Corrective W.R. #32949	---	N/A	N/A	Removed by grinding and welding indication on the A feedwater line.
SRM and IRM Cables	Preventive W.R. #19601	---	N/A	N/A	Replaced all SRM and IRM cables.
U3 Drywell Cooling H <sub>2</sub> O Pump	Preventive W.R. #34097	---	N/A	N/A	Removed old diesel cooling water pump and installed new one.
Bus 34-1 Relay Type IAC	Preventive W.R. #33268	---	N/A	N/A	Replaced target and seal in unit for over voltage reset.
U3 Electrical Protective Relays	Preventive W.R. #28454	---	N/A	N/A	Performed routine relay calibration.
HPCI MO 3-2301-3 Local Controller	Preventive W.R. #33226	---	N/A	N/A	Performed routine relay calibration.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
High Density Fuel Rack	Preventive W.R. #23873	---	N/A	N/A	Welded straps (2) SS.
MO 1501-3B Local Operator	Preventive W.R. #36262	---	N/A	N/A	Replaced light sockets with like for like.
Diesel Generator Temperature Switches	Preventive W.R. #36341	---	N/A	N/A	Replaced both TB and LOTS. Calibrated per instrument data card.
3A Core Spray Motor	Corrective W.R. #36046	---	N/A	N/A	Replaced conduit connectors.
U3 ACAD/CAM Drywell H.P. Switches	Preventive W.R. #31689	---	N/A	N/A	Adjusted and calibrated ACAD/CAM drywell high pressure switch - Units PS 3-2540-16A, 19A, 18B, 19B, 20 and 21 in the Control Room.
D3 Diesel Generator Water Pressure Switch, EPN #PS3-6600-LWS	Preventive W.R. #36334	---	N/A	N/A	Replaced and recalibrated diesel generator pressure switch, PS3-6600-LWS.
Isolation Condenser Safe Return Isolation Valve, EPN #3-1301-3	Preventive W.R. #27258	---	N/A	N/A	Replaced and lapped isolation valve 3-1301-3.

## DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Rx Vent and Fuel Pool Sensor Convertors, EPN #1735A&B 1743A&B	Preventive W.R. #32705	---	N/A	N/A	Bench checked the listed sensor convertors.
2/3 Rx Bldg. Crane	Preventive W.R. #36324	---	N/A	N/A	Welded paddle bar.
Spare IRM monitor	Preventive W.R. #35136	---	N/A	N/A	Installed and tested inop inhibit push-button on spare IRM monitor.
Yarway Valve Manifold	Preventive W.R. #36461	---	N/A	N/A	Replaced o-ring in valve manifold.
Rx Bldg. Crane	Preventive W.R. #36923	---	N/A	N/A	Adjusted F.H.L.S. to accomodate restricted mode surveillance.
2/3 Rx Bldg. Overhead Crane	Preventive W.R. #31823	---	N/A	N/A	Repaired shorted wire.
2/3 Diesel Generator Coolant Heat Exchanger	Preventive W.R. #36844	---	N/A	N/A	Installed two rebuilt heat exchangers for 2/3 diesel generator.
2/3 Diesel Generator	Preventive W.R. #35398	---	N/A	N/A	Performed quarterly inspection during May, 1984.
Rosemount Amplifier #1151-0137-0001	Preventive W.R. #35379	---	N/A	N/A	Bench tested amplifier.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - AUGUST, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Spare Quad Trip Cards	Preventive W.R. #34027	---	N/A	N/A	Checked and repaired cards.
Rosemount Amplifier Model #01151-0008	Preventive W.R. #35380	---	N/A	N/A	Found Q3 failed. Replaced Q3 and bench tested amplifier.
DP Transmitters, EPN #3-2541-002A	Preventive W.R. #31312	---	N/A	N/A	Repaired and calibrated Rosemount $\Delta P$ transmitters.
TN-9 Cask	Preventive W.R. #36525	---	N/A	N/A	Used emery cloth to remove three burrs on the upper south trunion of the TN-9 cask.
Barton Amplifier for 368 Transmitter	Preventive W.R. #36290	---	N/A	N/A	Resoldered thermistoc leads LPCI heat exchanger $\Delta P$ transmitter.
Quad Trip Card (Test Box)	Preventive W.R. #35727	---	N/A	N/A	Tested quad trip card test box for proper operation. Found ok.
HPCI Sig. Conv. Amplifier #SP650	Preventive W.R. #35156	---	N/A	N/A	Bench tested HPCI signal convertor amplifier #SP650.
HPCI Sig. Conv. Amplifier #SP650	Preventive W.R. #35157	---	N/A	N/A	Spare HPCI Signal Convertor amplifier failed bench test and junked.



SUMMARY OF OPERATING EXPERIENCE

UNIT ONE

AUGUST, 1984

The status of Unit 1 remains shutdown with all fuel removed. The environment and equipment continues to be maintained as needed.

On August 31, 1984, an announcement was made by CECO. Corporate Offices that as of this date Unit 1 has been officially retired.

Chemical cleaning activities are continuing and during "mock runs" small leaks developed in some flanges and pump seals which necessitated delays. It is expected in September that another "mock run" will be performed and soon after that actual chemical cleaning of piping will be in operation.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

AUGUST, 1984

Unit 2 entered the month operating at a power level of 775 MWe and operated continuously during the entire month (with normal power reductions for weekend surveillances) reaching a power level of 785 MWe with a capacity factor of 85.48% and an availability of 100%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

AUGUST, 1984

- 08-01 to 08-05 Unit 3 entered the month operating at 680 MWe and was limited by the condensate demineralizer differential pressure. Load was reduced on August 4th in preparation for the planned turbine overspeed test which took place early in the morning of August 5th.
- 08-05 to 08-24 The unit operated from the 5th through August 21st when the 3A Feedwater Regulator valve failed and the unit scammed. Prior to bringing the unit on-line, the Rx scammed on August 22nd because of improper mode switch movement by the operator and on August 23rd the Rx scammed because of an IRM hi-hi condition by the IM Dept. The unit was brought on-line on August 24th.
- 08-24 to 08-31 The unit operated continuously during the remainder of the month reaching a power level of 780 MWe with a capacity factor of 74.78% and an availability of 92.41%.

UNIQUE REPORTING REQUIREMENTS

MAIN STEAM RELIEF VALVE OPERATIONS

Relief valve operations during the reporting period are summarized in the following table. The table includes information as to which relief valve was actuated, how it was actuated, and the circumstances resulting in its actuation.

<u>Unit</u>	<u>Date</u>	<u>Valves Actuated</u>	<u>Actuations</u>	<u>Conditions</u>	<u>Description of Events</u>
1	08-01-84 to 08-31-84	None			
2	" "	None			
3	" "	None			



**Commonwealth Edison**

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

September 10, 1984

DJS LTR: 84-891

Director, Office of Inspection  
and Enforcement  
United States Nuclear Regulatory  
Commission  
Washington, DC 20555

Attention: Document Control Desk

Dear Sir:

Enclosed, please find Dresden Station's operating data for last month. This information is supplied to your office per the instructions set forth in Regulatory Guide 1.16.

Sincerely,

D. J. Scott  
Station Superintendent  
Dresden Nuclear Power Station

DJS:BAS:hjb

Enclosure

cc: Region III, Regulatory Operations, U.S. NRC  
Chief, Division Nuclear Safety, State of IL  
U.S. NRC, Document Management Branch  
Nuclear Licensing Administrator  
Nuc. Sta. Div. Vice Pres.  
Manager, Tech. Serv. Nuc. Sta.  
Tech. Staff AE  
On-Site NRC Inspector  
Sta. Nuc. Eng. Dept.  
Comptroller's Office  
PIP Coordinator  
INPO Records Center  
File/NRC Op. Data  
File/Numerical

IE24

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