

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE August 1, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

1. Unit Name: Dresden II
2. Reporting Period: July, 1985
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

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	744.0	5,087.0	133,391.0
12. Number of Hours Reactor Was Critical	727.8	2,442.4	101,178.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	707.3	2,244.4	99,554.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,709,842	4,849,205	196,287,263
17. Gross Electrical Energy Generated (MWH)	535,960	1,522,582	62,743,923
18. Net Electrical Energy Generated (MWH)	508,863	1,430,496	59,279,122
19. Unit Service Factor	95.1	44.1	74.6
20. Unit Availability Factor	95.1	44.1	74.6
21. Unit Capacity Factor (Using MDC Net)	88.6	36.4	57.6
22. Unit Capacity Factor (Using DER Net)	86.1	35.4	56.0
23. Unit Forced Outage Rate	4.9	14.0	11.3
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>Snubber inspection, mid-October, 1985 - weekend.</u>			

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

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OPERATING DATA REPORT

DOCKET NO. 050-249

DATE August 1, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: July, 1985
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	744.0	5,087.0	122,976.0
12. Number of Hours Reactor Was Critical	744.0	4,838.7	94,716.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	4,766.0	87,938.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,687,669	10,886,095	177,943,118
17. Gross Electrical Energy Generated (MWH)	527,501	3,443,018	57,649,995
18. Net Electrical Energy Generated (MWH)	501,551	3,278,280	54,614,510
19. Unit Service Factor	100.0	93.7	71.5
20. Unit Availability Factor	100.0	93.7	71.5
21. Unit Capacity Factor (Using MDC Net)	87.2	83.4	57.5
22. Unit Capacity Factor (Using DER Net)	84.0	81.2	55.9
23. Unit Forced Outage Rate	0.0	5.7	12.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling and Recirculation Piping Replacement Outage - October, 1985 - for approximately six (6) months.			

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 August 1, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH JULY, 1985

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
5	85-07-27	F	36:45 (36.8)	A	3	85-031-0	--	--	Scram discharge volume high level with Rx scram.

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, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

REPORT MONTH JULY, 1985

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
	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
F-Administrative
G-Operational Error
H-Other (Explain)

3

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

4

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UNIQUE REPORTING REQUIREMENTS

MAIN STEAM RELIEF VALVE OPERATIONS

Relief valve operations during the reporting period of July, 1985 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>Reporting Period</u>	<u>Valves Actuated</u>	<u>Actuations</u>	<u>Conditions</u>	<u>Description of Events</u>
2	07-01-85 to 07-31-85	None			
3	07-01-85 to 07-31-85	None			

COMMONWEALTH EDISON COMPANY

DRESDEN STATION

MAXIMUM DAILY LOAD

MONTH OF JULY, 1985

DAY	HOUR ENDING	MAXIMUM DAILY LOAD KW
1	2400	1,558,700
2	1900	1,537,600
3	1200	1,589,000
4	0800	1,546,600
5	2200	1,602,300
6	0100	1,546,300
7	2400	1,583,100
8	1200	1,595,600
9	0100	1,577,600
10	1500	1,586,900
11	2000	1,589,400
12	1200	1,592,800
13	2400	1,582,600
14	0100	1,548,000
15	2400	1,463,000
16	2400	1,559,800
17	1200	1,590,200
18	1200	1,588,600
19	1700	1,589,700
20	1600	1,574,100
21	2400	1,508,700
22	2400	1,533,200
23	2400	1,539,500
24	1500	1,564,900
25	2300	1,568,400
26	2200	1,594,500
27	0100	1,509,300
28	1400	782,900
29	1700	1,164,500
30	2400	1,009,800
31	2400	1,121,900

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE August 1, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH JULY, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>701</u>
2	<u>753</u>
3	<u>755</u>
4	<u>750</u>
5	<u>749</u>
6	<u>775</u>
7	<u>746</u>
8	<u>749</u>
9	<u>733</u>
10	<u>763</u>
11	<u>761</u>
12	<u>760</u>
13	<u>645</u>
14	<u>761</u>
15	<u>760</u>
16	<u>762</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>765</u>
18	<u>776</u>
19	<u>750</u>
20	<u>734</u>
21	<u>759</u>
22	<u>744</u>
23	<u>785</u>
24	<u>774</u>
25	<u>754</u>
26	<u>752</u>
27	<u>331</u>
28	<u>0</u>
29	<u>232</u>
30	<u>538</u>
31	<u>636</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE August 1, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH JULY, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>735</u>
2	<u>746</u>
3	<u>737</u>
4	<u>750</u>
5	<u>744</u>
6	<u>626</u>
7	<u>738</u>
8	<u>735</u>
9	<u>742</u>
10	<u>754</u>
11	<u>715</u>
12	<u>747</u>
13	<u>742</u>
14	<u>393</u>
15	<u>514</u>
16	<u>684</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>742</u>
18	<u>753</u>
19	<u>734</u>
20	<u>731</u>
21	<u>677</u>
22	<u>668</u>
23	<u>696</u>
24	<u>708</u>
25	<u>717</u>
26	<u>717</u>
27	<u>747</u>
28	<u>727</u>
29	<u>601</u>
30	<u>325</u>
31	<u>334</u>

DRESDEN UNIT 1

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-1 HPCI Battery 1C	Preventive W.R. #42814	---	N/A	N/A	Performed discharge test.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
D-2 1601-63 Valve Torus Vent - SBT	Preventive W.R. #27281	---	N/A	N/A	Changed solenoid.
22301-31 HPCI Trap Bypass	Corrective W.R. #28029	---	N/A	N/A	Replaced solenoid.
305-117 Accumulator #10-39	Preventive W.R. #32609	---	N/A	N/A	Rebuilt valves.
D-2 CRD J-2 (34-07)	Preventive W.R. #33771	---	N/A	N/A	Rebuilt valves.
MO 1501-38B Local Control Switch	Preventive W.R. #34847	---	N/A	N/A	Inspected - all ok.
MO-2-1501-28B LPCI Valve	Preventive W.R. #36085	---	N/A	N/A	Reconnected sealtite.
U-2 Rx Vent Panel 2252-24A	Corrective W.R. #36200	---	N/A	N/A	Repaired broken wire.
Electrical Penetration 202W	Preventive W.R. #36219	---	N/A	N/A	Sealed penetration.
203-3A U-2 Target Rock Solenoid	Corrective W.R. #36432	---	N/A	N/A	Replaced solenoid.
305-117 & 118 U-2 Scram Pilots	Preventive W.R. #36433	---	N/A	N/A	Rebuilt solenoid.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-2 HPCI Turning Gear	Preventive W.R. #36562	---	N/A	N/A	Checked circuit - found no problem.
MCC 29-7 480V Motor Control Center	Corrective W.R. #36627	---	N/A	N/A	Replaced fuses and fuse holders.
Relay 590-123D Auxiliary	Preventive W.R. #37558	---	N/A	N/A	Cleaned and adjusted relay.
U2/DG Cooling Water Pump Alarm	Preventive W.R. #38336	---	N/A	N/A	Tested - works properly.
End-of-Cycle 9 LPRM Replacement	Preventive W.R. #38573	---	N/A	N/A	Performed repairs per procedure.
U2 Rx Scrams	Preventive W.R. #38802	---	N/A	N/A	Installed and removed jumpers to prevent unwanted scrams when fuel is removed from reactor. Reconnected lead to computer.
LPRM 08-17D, APRM 6	Corrective W.R. #38988	---	N/A	N/A	
2-1540-3A Δ P Controller "A" LPCI Heat Exchanger	Preventive W.R. #40529	---	N/A	N/A	Checked controller.
"B" LPCI Heat Exchanger Δ P Controller	Preventive W.R. #40530	---	N/A	N/A	Checked controller.
Tr. 26,27 and 29	Preventive W.R. #40875	---	N/A	N/A	Installed ground wire.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Core Spray 1402-25B	Preventive W.R. #40962	---	N/A	N/A	Cleaned and cycled torque switch.
Panel 902-37	Preventive W.R. #41020	---	N/A	N/A	Replaced power cables.
MSIV's I.B. and O.B. RPS Fuses	Preventive W.R. #41136	---	N/A	N/A	Jumpers installed and removed
CRD D-8	Corrective W.R. #41142	---	N/A	N/A	Installed valves.
2-1601-55 Valve	Corrective W.R. #41857	---	N/A	N/A	Replaced solenoid valve.
HPCI Level Switch	Preventive W.R. #41912	---	N/A	N/A	Inspected - no repairs made.
Rx Level Trans. LT-2-263-61	Preventive W.R. #41931	---	N/A	N/A	Inspected - no repairs made.
U-2 MOV 7507A	Preventive W.R. #42072	---	N/A	N/A	Inspection performed.
U-2 MOV 7505A	Preventive W.R. #42074	---	N/A	N/A	Inspection performed.
U-2 MOV 1501-21B	Preventive W.R. #42077	---	N/A	N/A	Inspection performed.
U-2 MOV-1501-32B	Preventive W.R. #42088	---	N/A	N/A	Inspection performed.
U-2-MOV-1501- 11B	Preventive W.R. #42089	---	N/A	N/A	Inspection performed.
U-2 MOV-1501-3B	Preventive W.R. #42090	---	N/A	N/A	Inspection performed.
U-2 MOV-1501-3A	Preventive W.R. #42093	---	N/A	N/A	Inspection performed.
U-2 MOV-1501-27A	Preventive W.R. #42095	---	N/A	N/A	Inspection performed.
U-2 MOV 1501-28B	Preventive W.R. #42096	---	N/A	N/A	Inspection performed.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-2 MOV-1402-25B	Preventive W.R. #42098	---	N/A	N/A	Inspection performed.
U-2 MOV-1402-24B	Preventive W.R. #42099	---	N/A	N/A	Inspection performed.
U-2 MOV-1402-25A	Preventive W.R. #42100	---	N/A	N/A	Inspection performed.
U-2 MOV-2301-35	Preventive W.R. #42111	---	N/A	N/A	Inspection performed.
U-2 MOV-1201-3	Preventive W.R. #42112	---	N/A	N/A	Inspection performed.
U-2 MOV-1201-2	Preventive W.R. #42113	---	N/A	N/A	Inspection performed.
U-2 MOV-202-5B	Preventive W.R. #42115	---	N/A	N/A	Inspection performed.
U-2 MOV-202-5A	Preventive W.R. #42116	---	N/A	N/A	Inspection performed.
MO 2-1001-1B	Preventive W.R. #42491	---	N/A	N/A	Inspection performed.
220-44 Recircu- lation System Sample Isolation Valve	Corrective W.R. #42534	---	N/A	N/A	Rebuilt valve and replaced coil.
HPCI Turbine Turning Gear Engagement Switch LS3	Preventive W.R. #42587	---	N/A	N/A	Cleaned limits.
M-2 CRD (46-07)	Preventive W.R. #42620	---	N/A	N/A	Tested - all ok.
Rod Select Matrix	Preventive W.R. #42624	---	N/A	N/A	Vacuumed display panel.
U-2 Grapple Track Switches	Preventive W.R. #42650	---	N/A	N/A	Removed and replaced track switches.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2-1501-21B Valve	Corrective W.R. #42659	---	N/A	N/A	Replaced auxiliary contact.
Relays 590-112A, B,C and D	Preventive W.R. #42866	---	N/A	N/A	Installed and removed blocks.
MO-1402-4B	Preventive W.R. #43102	---	N/A	N/A	Replaced motor.
HPCI Inlet Drain Pot 2A Trap Bypass Valve	Corrective W.R. #43103	---	N/A	N/A	Replaced solenoid.
Line 2-1012A	Corrective W.R. #43113	---	N/A	N/A	Installed bolt.
Check Valve #2-263-2-33	Preventive W.R. #43133	---	N/A	N/A	Removed and cleaned check valve.
Check Valve #2-263-2-31N	Preventive W.R. #43134	---	N/A	N/A	Removed and cleaned check valve.
Check Valve #263-2-31W	Preventive W.R. #43135	---	N/A	N/A	Cleaned check valve.
SBGT "A" Train Demister	Corrective W.R. #43144	---	N/A	N/A	Replaced filters.
SBGT "B" Train Demister	Preventive W.R. #43145	---	N/A	N/A	Installed new filters.
IRM #13	Corrective W.R. #43162	---	N/A	N/A	Replaced pre-regulator.
Secondary Containment Interlock Doors	Preventive W.R. #43175	---	N/A	N/A	Adjusted magnets and door operator.
MOV 1402-38B	Corrective W.R. #43210	---	N/A	N/A	Replaced snubber.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
1601-63 Valve	Corrective W.R. #43216	---	N/A	N/A	Rebuilt air operator piston.
CRD 22-03 (F-1)	Corrective W.R. #26864	---	N/A	N/A	CRD rod select switch adjusted.
D-2A MSIV (In Board)	Corrective W.R. #43220	---	N/A	N/A	Replaced air cylinder, E & O rings.
D-2D MSIV (In Board)	Corrective W.R. #43221	---	N/A	N/A	Replaced air cylinder, E & O rings.
RPS 590-112 Relays	Preventive W.R. #43228	---	N/A	N/A	Installed fluke and brush recorder.
287-10B ADS Time Delay Relay	Preventive W.R. #43268	---	N/A	N/A	Replaced and adjusted time delay relay.
LPRM #48-49C Power Supply	Preventive W.R. #43270	---	N/A	N/A	Adjusted voltage.
287-124B ADS Time Delay Relay	Preventive W.R. #43294	---	N/A	N/A	Checked - found no problem.
U-2 125V Battery Charger 2	Preventive W.R. #43296	---	N/A	N/A	Adjusted charger.
U-2 250V Battery Charger 2	Preventive W.R. #43297	---	N/A	N/A	Adjusted charger.
AO 224-44 Valve	Corrective W.R. #43299	---	N/A	N/A	Installed new diaphragm.
LPCI 2-1501-25A Check Valve	Preventive W.R. #43308	---	N/A	N/A	Replaced O-ring and cover gasket.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
261-37A Target Rock Position Light (Open)	Preventive W.R. #43318	---	N/A	N/A	Replaced micro switch.
APRM K-23 Relays	Preventive W.R. #43344	---	N/A	N/A	Replaced relays.
2A CCSW Loop Flow Transmitter	Preventive W.R. #43357	---	N/A	N/A	Performed static pressure adjustment.
U-2 Diesel Gene- rator Cooling M20 Pump	Corrective W.R. #43364	---	N/A	N/A	Pad welded - cut 2 gaskets.
263-102D Jet Pump #16 Indica- tion	Preventive W.R. #43384	---	N/A	N/A	Calibrated per procedure.
2-203-2B MSIV	Corrective W.R. #43389	---	N/A	N/A	Replaced U-cups and piston cylinder.
U-2 CCSW PP Vault Floor Drain	Corrective W.R. #43456	---	N/A	N/A	Opened drain and operated valve.
2-3702 RBCCW Supply to Dry- well	Preventive W.R. #43478	---	N/A	N/A	Adjusted limits.
D-2 Clean-ups	Preventive W.R. #43505	---	N/A	N/A	Filled grease cups.
2-1402-25A	Preventive W.R. #43522	---	N/A	N/A	Cleaned limitorque.
LPCI 2-MO-1501- 3A	Preventive W.R. #43523	---	N/A	N/A	Inspected - all ok.
LPCI 2-MO2-1501- 3B	Preventive W.R. #43524	---	N/A	N/A	Cleaned and repaired valve and housings.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2-MO2-3706	Preventive W.R. #43525	---	N/A	N/A	Cleaned and replaced grease.
LPCI Shell By-pass MO-2-1501-11A	Preventive W.R. #43528	---	N/A	N/A	Lubed stem and tightened packing.
Limitorques	Preventive W.R. #43531	---	N/A	N/A	Removed grease zirk fittings, installed pipe plugs.
2-AO-203-2A MSIV	Preventive W.R. #43537	---	N/A	N/A	Replaced block and E-rings.
2-AO-203-2D MSIV	Preventive W.R. #43538	---	N/A	N/A	Replaced block.
MOV 1501-3A	Corrective W.R. #43599	---	N/A	N/A	Correct E.Q. deficiencies.
Accumulator 38-15	Preventive W.R. #43683	---	N/A	N/A	Tightened fittings and bolts.
D-2 MO-1501-3A	Preventive W.R. #43691	---	N/A	N/A	Greased and replaced gaskets.
HPCI Temperature Switches for Rupture Disc.	Preventive W.R. #43694	---	N/A	N/A	Hooked unistrut hanger to conduit.
HPCI Temperature Switch for Rupture Disc.	Preventive W.R. #43695	---	N/A	N/A	Installed new fitting.
LPRM 5B 48-17	Preventive W.R. #43699	---	N/A	N/A	Checked - everything ok.
2A LPCI Hx	Preventive W.R. #43763	---	N/A	N/A	Tightened bolt covers.
FT2-1542-A "A" CCSW Loop Flow Indicator	Preventive W.R. #43765	---	N/A	N/A	Cleared sensing lines.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
RBM #7	Preventive W.R. #43767	---	N/A	N/A	Replaced meter.
HPCI Auxiliary Oil Pump	Preventive W.R. #43770	---	N/A	N/A	Tested - all ok. Found no problem.
125 VDC Bus 2B1 Cir. 14	Preventive W.R. #43781	---	N/A	N/A	Repaired broken insulation.
LPRM 24-17A	Preventive W.R. #43784	---	N/A	N/A	Checked and found no problem.
LPRM 16-41A	Preventive W.R. #43787	---	N/A	N/A	Replaced transistor and LPRM card.
LPRM 48-41A	Preventive W.R. #43788	---	N/A	N/A	Placed switch in calibration position.
LPRM 32-57A	Preventive W.R. #43790	---	N/A	N/A	Set high per procedure.
FT2-1542A CCSW Flow Trans- mitter	Preventive W.R. #43792	---	N/A	N/A	Unclogged line.
LPRM 40-41C Bypass Light	Preventive W.R. #43795	---	N/A	N/A	Replaced light bulb.
LPRM 56-41A Downscale Light	Preventive W.R. #43796	---	N/A	N/A	Replaced LPRM amp. board.
LPRM 16-17B Downscale Light	Preventive W.R. #43797	---	N/A	N/A	Replaced LPRM amp. board.
LPRM 40-41B Downscale Light	Preventive W.R. #43798	---	N/A	N/A	Repaired pin on socket.
LPRM 56-41C Downscale Light	Preventive W.R. #43799	---	N/A	N/A	Replaced LPRM amp. board.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
LPRM 40-57C Downscale Light	Preventive W.R. #43800	---	N/A	N/A	Checked and found no problem.
LPRM 48-17D Downscale Trip	Preventive W.R. #43802	---	N/A	N/A	Adjusted per procedure.
LPRM 16-17D Downscale Trip	Preventive W.R. #43803	---	N/A	N/A	Adjusted low per procedure.
LPRM 32-33D Downscale Trip	Preventive W.R. #43804	---	N/A	N/A	Adjusted low per procedure.
LPRM 08-49A Downscale Light	Preventive W.R. #43806	---	N/A	N/A	Replaced amp. card.
LPRM 32-25D Downscale Light	Preventive W.R. #43807	---	N/A	N/A	Checked and found no problem.
LPRM 40-57B Downscale Light	Preventive W.R. #43808	---	N/A	N/A	Repaired contacts in bulb socket.
Containment Atmosphere Pres- sure Switches	Preventive W.R. #43809	---	N/A	N/A	Replaced resistors and tightened screws.
APRM 6 Cabinet, LPRM 08-33B	Preventive W.R. #43822	---	N/A	N/A	Adjusted zero balance.
LPRM 24-33D (APRM 6)	Preventive W.R. #43823	---	N/A	N/A	Adjusted zero balance.
LPRM 24-17B (APRM 6)	Preventive W.R. #43824	---	N/A	N/A	Adjusted zero balance.
LPRM 40-49D (APRM 6)	Preventive W.R. #43826	---	N/A	N/A	Adjusted zero balance.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
MO-1501-3A	Preventive W.R. #43827	---	N/A	N/A	Changed setting and cycled valve.
MO-1501-3B	Preventive W.R. #43828	---	N/A	N/A	Changed setting.
LPRM U-2, 32-25A	Preventive W.R. #43843	---	N/A	N/A	Reset alarm.
RE2-1733A Rad III Offgas Moni- tor	Preventive W.R. #43865	---	N/A	N/A	Calibrated per procedure.
203-1D MSIV	Preventive W.R. #43912	---	N/A	N/A	Changed connection.
HPCI Oil Filter "B"	Corrective W.R. #43914	---	N/A	N/A	Cleaned filter segments.
24/28V Battery Racks	Preventive W.R. #43931	---	N/A	N/A	Cut and installed plywood.
CRD 34-23, J-6	Corrective W.R. #43959	---	N/A	N/A	Replaced valve disc.
U-2 2358 HPCI Flow Indicator	Preventive W.R. #43962	---	N/A	N/A	Checked - found no problem.
SRM #23	Preventive W.R. #43974	---	N/A	N/A	Checked - found no problem.
MO2-1301-2	Preventive W.R. #43985	---	N/A	N/A	Tightened packing gland follower.
Rx Vessel Low- Low Water Level ECCS Yarway	Preventive W.R. #44180	---	N/A	N/A	Replaced valve manifold.
AO2-1301-17	Preventive W.R. #44240	---	N/A	N/A	Tightened packing gland.
Isolation Con- denser 2-1302	Corrective W.R. #44241	---	N/A	N/A	Tightened all nuts on flange.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Isolation Condenser	Corrective W.R. #44242	---	N/A	N/A	Tightened all nuts.
CRD 30-7, H-2	Corrective W.R. #44305	---	N/A	N/A	Replaced accumulator.
LPCI Logic Dp Switch 261-34D	Preventive W.R. #44363	---	N/A	N/A	Checked - found no problem.
Manual Valves 2-2301-56 & 57	Corrective W.R. #44396	---	N/A	N/A	Replaced manual valves.
U-2 Torus Level Indicator	Preventive W.R. #44400	---	N/A	N/A	Repaired transmitter.
Accumulator J-6	Preventive W.R. #44400	---	N/A	N/A	Installed and removed jumper.
RBM Drive Flow Converters	Preventive W.R. #44478	---	N/A	N/A	Performed procedure to adjust flow.
2A DG-Stat A/C Pressure Switch	Preventive W.R. #44534	---	N/A	N/A	Adjusted switch.
263-73A & B 2/3 Core Height Setpoint	Preventive W.R. #44707	---	N/A	N/A	Adjusted setpoint.
RBM #7	Preventive W.R. #44756	---	N/A	N/A	Replaced quad trip card.
APRM #4	Preventive W.R. #44762	---	N/A	N/A	Tested - found no problem.
RBM #7	Preventive W.R. #44886	---	N/A	N/A	Replaced meter and calibrated.
Torus Water Temperature Rec. 2-1640-200 A & B	Preventive W.R. #44892	---	N/A	N/A	Calibrated recorders.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2C Control Valve and/or Test Circuit	Preventive W.R. #44973	---	N/A	N/A	Replaced limit switch.
2A Diesel Diesel Generator Comp.	Preventive W.R. #45292	---	N/A	N/A	Adjusted switch.
1501-3B MOV	Corrective W.R. #45298	---	N/A	N/A	Replaced potentiometer.
MOV 2-1501-3B	Preventive W.R. #45331	---	N/A	N/A	Adjusted feedback.
1501-28A and 1501-27A	Preventive W.R. #38819	---	N/A	N/A	Reinstalled drain pipe, flange and installed 2 new gaskets.
Drywell Equip- ment Pene. 200B	Corrective W.R. #38866	---	N/A	N/A	Replaced valve handle and nut.
24/48 VDC 2A Bottom Charger	Preventive W.R. #41113	---	N/A	N/A	Performed inspections.
Refuel Platform	Corrective W.R. #41987	---	N/A	N/A	Replaced cable and wired bolts.
Main Steam Line SRV Pipe Support System	Preventive W.R. #43025 A-D	---	N/A	N/A	Performed Inspections.
Mark I Supports (Torus Attach. Piping)	Preventive W.R. #43091	---	N/A	N/A	Performed all inspections.
#2 Diesel Generator	Preventive W.R. #43155	---	N/A	N/A	Performed inspection.
CRD 18-47, E-12	Corrective W.R. #44329	---	N/A	N/A	Replaced O-rings and valve disc.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
HCU 14-39	Corrective W.R. #44899	---	N/A	N/A	Replaced O-rings and valve disc.
Accumulator 34-31 (J-8)	Corrective W.R. #45016	---	N/A	N/A	Replaced accumulator.
SRM/IRM Pos. Switch 902-5/ 702-301	Preventive W.R. #45283	----	N/A	N/A	Replaced detector select switch.
Rx Manual Con- trol Relay 101	Preventive W.R. #45285	----	N/A	N/A	Replaced relay.
CRD L-8 Scram Inlet Valve	Corrective W.R. #45494	---	N/A	N/A	Adjusted scram inlet valve stroke.
CRD J-7 (34-23)	Corrective W.R. #45552	---	N/A	N/A	Changed diaph. - found nothing wrong.
CRD 34-23 Scram Out. Valve	Corrective W.R. #45620	---	N/A	N/A	Replaced valve disc.
CRD J-6, 126 Valve	Corrective W.R. #45688	---	N/A	N/A	Replaced valve and O-rings.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
UPS Battery Charger (250V)	Preventive W.R. #38775	---	N/A	N/A	Cleaned timer - checked ok.
Rx Building Crane	Preventive W.R. #40857	---	N/A	N/A	Readjusted jumper pin placement.
Rosemount Xmitter Amp. #73084-12	Preventive W.R. #42355	---	N/A	N/A	Corrected jumper pin placement.
Rosemount Cali- brator Card	Corrective W.R. #42424	---	N/A	N/A	Removed hold tag - destroyed unit.
Refuel Floor Interlock Door	Preventive W.R. #43274	---	N/A	N/A	Replaced micro switch.
LPRM Ion Chamber Power Supply	Preventive W.R. #44276	---	N/A	N/A	Replaced diode VB2
H2 Monitoring System Panels 2-2252-81 (A and B) 3-2253-81 (A and B)	Preventive W.R. #43730	---	N/A	N/A	Replaced oxygen cell.
LPRM Amp. Boards	Preventive W.R. #43922	---	N/A	N/A	Repaired card.
Accromag Comp. Isolation Card	Preventive W.R. #44003	---	N/A	N/A	Replaced capacitor.
OTS 3 31	Preventive W.R. #44218	---	N/A	N/A	Calibrated and certified.
Standby Gas Treatment Sys. Flow Restricting Orifice	Preventive W.R. #44449	---	N/A	N/A	Installed and removed 4 gauges and calibrated.

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Fuel Storage Racks (Spares)	Preventive W.R. #44484	---	N/A	N/A	Paint removed from fuel rack.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Instr. Isolation Valve for PS3-263-55D	Preventive W.R. #37685	---	N/A	N/A	Replaced instrument isolation valve.
HPCI Pump System	Corrective W.R. #38344	---	N/A	N/A	Made new gaskets and tightened joints.
24-48V Top B Bank Battery Charger	Corrective W.R. #40903	---	N/A	N/A	Adjusted voltage.
HPCI Batteries	Preventive W.R. #41899	---	N/A	N/A	Cleaned.
24-48 Top B, Top A and Bot. B Battery Charger	Preventive W.R. #41954	---	N/A	N/A	Adjusted float voltage.
Rod Movement Control Timer Switch	Preventive W.R. #42019	---	N/A	N/A	Checked - all ok.
HPCI Supp. Pool Suction Valve 3-2301-35	Preventive W.R. #42432	---	N/A	N/A	Reinstalled bolt that had fallen out.
ANN 903-3, D-13	Preventive W.R. #42973	---	N/A	N/A	Replaced micro switch and lugs.
U-3 250V Battery Charger #3	Preventive W.R. #43292	---	N/A	N/A	Adjusted charger.
CCSW Flow Transmitter	Preventive W.R. #43354	---	N/A	N/A	Calibrated and checked - looks good.
125 VDC Ground	Preventive W.R. #43371	---	N/A	N/A	Trouble shot and repaired ground.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
MOV 3-1001-1A	Preventive W.R. #43411	---	N/A	N/A	Performed EQ inspection.
MOV 3-1001-1	Preventive W.R. #43414	---	N/A	N/A	Performed EQ inspection.
MOV 3-2301-35	Preventive W.R. #43421	---	N/A	N/A	Performed EQ inspection.
MOV 3-1501-11A	Preventive W.R. #43441	---	N/A	N/A	Performed EQ inspection.
MOV 3-1501-3B	Preventive W.R. #43443	---	N/A	N/A	Performed EQ inspection.
MOV 3-1501-11B	Preventive W.R. #43444	---	N/A	N/A	Performed EQ inspection.
MOV 3-1501-32B	Preventive W.R. #43445	---	N/A	N/A	Performed EQ inspection.
SRM #23-750-1B	Preventive W.R. #43464	---	N/A	N/A	Replaced transistors.
Rx Level Trans. LT 3-263-61	Preventive W.R. #43529	---	N/A	N/A	Performed EQ inspection.
Drywell Pressure Switch PS3-1628A	Preventive W.R. #43532	---	N/A	N/A	Replaced switch.
LPRM 2B 16-33	Preventive W.R. #43574	---	N/A	N/A	Performed inspection.
D-2 Limitorques	Preventive W.R. #43634	---	N/A	N/A	Removed grease zerks - installed pipe plugs.
3-MO-3706	Preventive W.R. #43710	---	N/A	N/A	Inspected - all ok.
Exxon Fuel Storage Canister	Preventive W.R. #43812	---	N/A	N/A	Inspected - all ok.
RBM #7	Preventive W.R. #43813	---	N/A	N/A	Performed procedure.
RBM #8	Preventive W.R. #43920	---	N/A	N/A	Recalibrated.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
24/48 Volt Battery Racks	Preventive W.R. #43932	---	N/A	N/A	Installed plywood to gap.
1-Inch Orifice Down Stream of 3-2301-28, AO Valve 63B	Corrective W.R. #44249	---	N/A	N/A	Cleaned orifice and installed new gaskets.
3-1501-38B Valve	Preventive W.R. #44313	---	N/A	N/A	Cleaned all parts of valve.
"A" Recircula- tion Pump Suc- tion Decon Flange	Corrective W.R. #44433	---	N/A	N/A	Replaced flange.
125 VDC System	Preventive W.R. #44460	---	N/A	N/A	Dried and cleaned switch.
U-3 HPCI AO 2301-7 Air Filter	Corrective W.R. #44465	---	N/A	N/A	Replaced separator.
AOV 220-47	Corrective W.R. #44481	---	N/A	N/A	Replaced diaphragm.
MOV 1001-1A	Preventive W.R. #44488	---	N/A	N/A	Installed grease relief valve.
3-1201-1A Decon Flange	Corrective W.R. #44491	---	N/A	N/A	Cleaned flange and installed new gasket.
PS 3-505C Instr. Isolation Valve	Corrective W.R. #44515	---	N/A	N/A	Installed rings and tightened nuts.
3-203-2D MSIV	Corrective W.R. #44522	---	N/A	N/A	Repaired air cylinder.
Rx Scram Leve. Switches	Preventive W.R. #44543	---	N/A	N/A	Calibrated reactor level yarways.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1985

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
3-202-7A Valve	Corrective W.R. #44560	---	N/A	N/A	Replaced bolts and Limitorque.
U-3 Diesel Generator Starting Air Regulator	Corrective W.R. #44589	---	N/A	N/A	Replaced regulator.
RBM #7	Preventive W.R. #44630	---	N/A	N/A	Replaced nip card and calibrated.
Drywell High Pressure Switch 3-1628-B	Preventive W.R. #44873	---	N/A	N/A	Replaced pressure switch and calibrated.
U-3 Diesel Oil Tx1 Pump	Preventive W.R. #44894	---	N/A	N/A	Tested - found no problem.
Streamline kad Monitor 3-1705- 2D	Preventive W.R. #45066	---	N/A	N/A	Calibrated - found no problem.
Accumulator 18-11 (E-3)	Corrective W.R. #44902	---	N/A	N/A	Installed new accumulator.
3A SBLC Pump	Corrective W.R. #45240	---	N/A	N/A	Cleaned pump.
3C CCSW PP Breaker	Preventive W.R. #45347	---	N/A	N/A	Replaced coil and window splices.
Snubber #45 and #46	Preventive W.R. #45427	---	N/A	N/A	Swapped rear adapters with each other.
Accumulator H-11	Preventive W.R. #45771	---	N/A	N/A	Inspected and cleaned accumulator.
M132/HV-17 Spring Hanger LPRM 5C 40-25	Preventive W.R. #43246	---	N/A	N/A	Tested - all ok.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

JULY, 1985

- 07-01-85 to 07-29-85 Unit 2 entered the month operating at a power level of 680 MWe and operated until 1753 hours of July 27th when a Rx automatic scram occurred because of high level in the SDV. The Rx was made critical on July 28th, at 1006 hours and the unit was placed in service at 0638 hours of July 19th.
- 07-29-85 to 07-31-85 The unit operated the remainder of the month steadily increasing power to a level of 686 MWe with a capacity factor of 86.36% and an availability factor of 95.06%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

JULY, 1985

07-01-85 to 07-31-85

Unit 3 operated continuously the entire month of July, 1985 (with normal power reductions for week-end surveillances) and on the 30th and 31st of the month a problem developed with the "A" recirculation pump which necessitated single loop operation. The unit reached a power level of 797 MWe with a capacity factor of 85.15% and an availability of 100%.



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

August 1, 1985

DJS LTR: 85-806

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 Manager
Dresden Nuclear Power Station

DJS:DCM: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
Nuclear Fuel Services Manager
Nuc. Sta. Div. Vice Pres.
Manager, Tech. Nuc. Sta.
Tech. Staff A.E.
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