

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: October, 1987
3. Licensed Thermal Power (MWt): 2,527
4. Nameplate Rating (Gross MWe): 828
5. Design Electrical Rating (Net MWe): 794
6. Maximum Dependable Capacity (Gross MWe): 812
7. Maximum Dependable Capacity (Net MWe): 772
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:
N/A

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

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	745	7,296	153,120
12. Number of Hours Reactor Was Critical	718.7	4,299.7	115,107.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	678.8	3,881.4	109,629.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,568,995	7,853,266	224,725,348
17. Gross Electrical Energy Generated (MWH)	509,930	2,503,261	71,888,362
18. Net Electrical Energy Generated (MWH)	484,734	2,339,077	67,921,720
19. Unit Service Factor	91.1	53.2	71.6
20. Unit Availability Factor	91.1	53.2	71.6
21. Unit Capacity Factor (Using MDC Net)	84.3	41.5	57.5
22. Unit Capacity Factor (Using DER Net)	81.9	40.4	55.9
23. Unit Forced Outage Rate	8.9	11.3	12.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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

8711200153 871031
PDR ADOCK 05000237
R PDR

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: October, 1987
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	745	7,296	142,705
12. Number of Hours Reactor Was Critical	745.0	5,744.6	105,098.2
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	710.2	5,131.5	97,381.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,562,825	11,195,012	198,006,109
17. Gross Electrical Energy Generated (MWH)	497,840	3,528,509	63,933,028
18. Net Electrical Energy Generated (MWH)	474,423	3,342,283	60,524,601
19. Unit Service Factor	95.3	70.3	68.2
20. Unit Availability Factor	95.3	70.3	68.2
21. Unit Capacity Factor (Using MDC Net)		59.3	54.9
22. Unit Capacity Factor (Using DER Net)		57.7	53.4
23. Unit Forced Outage Rate	0	28.9	13.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>January, 1988 refueling outage - approximately 15 weeks</u>			

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

COMMONWEALTH EDISON COMPANY

DRESDEN STATION

MAXIMUM DAILY LOAD

MONTH OF OCTOBER, 1987

DAY	HOUR ENDING	MAXIMUM DAILY LOAD KW
1	2100	1,529,400
2	1400	1,603,500
3	1800	1,499,200
4	2200	1,591,600
5	2200	1,604,900
6	0100	1,337,900
7	2400	949,000
8	2000	1,279,200
9	2400	1,349,600
10	1500	1,415,400
11	2400	1,401,200
12	2400	1,545,700
13	1200	1,584,000
14	2300	1,582,200
15	1000	1,582,600
16	1100	1,565,800
17	0100	1,512,500
18	2400	1,571,400
19	1000	1,584,600
20	0100	1,566,500
21	1000	778,300
22	2300	941,700
23	2200	1,386,500
24	2100	1,526,500
25	1700	1,491,100
26	2300	1,584,100
27	1200	1,602,000
28	0200	1,598,100
29	2400	1,497,800
30	2100	1,588,600
31	1700	1,572,700

DOCKET NO. 020-237

UNIT NAME Dresden II

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1987 - CORRECTION

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	87-09-18	F	112:42 (112.7)	H	I	87-028-0	--	--	Due to failure of secondary containment leak rate test. Technical Specifications required reactor shutdown. Repaired leaks.

1

2

3

4

F: Forced

S: Scheduled

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)

Method:

1-Manual

2-Manual Scram

3-Automatic Scram

4-Other (Explain)

Exhibit G-Instructions for
Preparation of Data

Entry Sheets for Licensee

Event Report () File

(NUREG-0161)

DOCKET NO. 050-237

UNIT NAME Dresden II

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER, 1987

NO.	DATE	TYPE ¹	DURATION (HOURS)	REASON ²	METHOD OF SHUTTING DOWN REACTOR ³	LICENSEE EVENT REPORT #	S ⁴ C E ⁴	COMPONENT CODE ⁵	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
6	87-10-20	F	66:10 (66.2)	H	3	87-032-0	--	--	While performing MSL Hi-RAD scram and functional test, planned 1/2 scram Group I on "A" channel occurred. Before operator could clear alarm, "B" channel 1/2 Group I came up because of a spurious MSL low pressure alarm and unit scrambled because of MSIV closure.

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)

DOCKET NO. 050-249

UNIT NAME Dresden III

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER, 1987 - CORRECTION

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
8	87-08-01	F	291:16 (291.3)	A	2	87-012-0	--	--	Continued from August, 1987 Feedwater System problem.
9	87-09-13	S	56:40 (56.7)	B	1	--	--	--	Planned overspeed test of turbine/generator and mainte- nance.
10	87-09-18	F	134:03 (134.1)	H	1	--	--	--	Due to failure of secondary containment leak rate test. Technical Specifications required a shutdown. Repaired leaks.
11	87-09-28	F	42:43 (42.7)	A	3	87-016-0	--	--	IM's were calibrating a steam line flow switch and caused a Group I isolation.

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)

DOCKET NO. 050-249

UNIT NAME Dresden III

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER, 1987

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
12	87-10-06	S	34:49 (34.8)	B	1	--	--	--	Off-line manually to perform feedwater system testing.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH October, 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>717</u>
2	<u>769</u>
3	<u>736</u>
4	<u>766</u>
5	<u>690</u>
6	<u>738</u>
7	<u>778</u>
8	<u>790</u>
9	<u>733</u>
10	<u>762</u>
11	<u>742</u>
12	<u>778</u>
13	<u>781</u>
14	<u>726</u>
15	<u>772</u>
16	<u>765</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>721</u>
18	<u>712</u>
19	<u>771</u>
20	<u>68</u>
21	<u>0</u>
22	<u>6</u>
23	<u>439</u>
24	<u>671</u>
25	<u>672</u>
26	<u>729</u>
27	<u>789</u>
28	<u>604</u>
29	<u>577</u>
30	<u>764</u>
31	<u>740</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE November 5, 1987

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH OCTOBER, 1987

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>523</u>
2	<u>710</u>
3	<u>578</u>
4	<u>685</u>
5	<u>743</u>
6	<u>121</u>
7	<u>0</u>
8	<u>324</u>
9	<u>441</u>
10	<u>543</u>
11	<u>578</u>
12	<u>631</u>
13	<u>745</u>
14	<u>740</u>
15	<u>738</u>
16	<u>726</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>685</u>
18	<u>747</u>
19	<u>742</u>
20	<u>702</u>
21	<u>747</u>
22	<u>757</u>
23	<u>745</u>
24	<u>680</u>
25	<u>772</u>
26	<u>757</u>
27	<u>760</u>
28	<u>754</u>
29	<u>737</u>
30	<u>757</u>
31	<u>678</u>

CRESCENT UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
CONTROL ROD DRIVES	PREVENTIVE WR 036567 SLAVES 1-83	N/A	-----	-----	REBUILT ALL CRD'S PER PROCEDURE
2-1501-25A DISK POSITION VALVE	PREVENTIVE WR 036699	N/A	-----	-----	INSTALLED NEW LIMIT SWITCHES AND SEALTITE FLEXIBLE CONDUIT, LEFT OK
2-1601-60 AO VALVE	PREVENTIVE WR 048395	N/A	-----	-----	REPLACED SEALTITE, LEFT OK
2-2301 NPCI VALVE	CORRECTIVE WR 049120	N/A	-----	-----	INSTALLED NEW POPPET AND STEM, LEFT OK
2-202-A RECIRC PUMP SEAL	CORRECTIVE WR 053267	N/A	-----	-----	CLEANED, INSPECTED AND TESTED SEAL PER PROCEDURE, NO PROBLEMS FOUND
2-1601-32 A,B,C,D,E,F, 2-1601- 31 A,B, 2-1601-33 A,B,C,D,E,F VACUUM BREAKERS	CORRECTIVE WR 053315	N/A	-----	-----	CLEANED AND INSPECTED VALVE AREAS AND TORQUED TESTED, LEFT OK
2-1503-A LPCI HEAT EXCHANGER	PREVENTIVE WR 053327	N/A	-----	-----	CLEANED, INSTALLED NEW STUDS AND NUTS LEFT OK
2-1105-A SOLC RELIEF VALVE	PREVENTIVE WR 053333	N/A	-----	-----	REMOVED AND INSTALLED VALVE, TESTED PER PROCEDURE, LEFT OK
2-1105-B SOLC RELIEF VALVE	PREVENTIVE WR 053334	N/A	-----	-----	REMOVED VALVE, TESTED PER PROCEDURE, REINSTALLED VALVE, LEFT OK
MS14 2-203-1B	PREVENTIVE WR 054534	N/A	-----	-----	REPLACED SEALTITE, LEFT OK

ORDER UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	IER OR OUTAGE NUMBER	MALEFUNCTION CAUSE	RESULT	CORRECTIVE ACTION
62 MOV 202-7A	PREVENTIVE WR 056843	N/A	-----	-----	REMOVED LIMITS AND TORQUE SWITCH PER PROCEDURE
MOTOR OPERATED VALVES					
MOV 1301-1	PREVENTIVE WR 056911	N/A	-----	-----	PERFORMED LIMIT TORQUE SURVEILLANCE PER PROCEDURE ON ALL VALVES, LEFT OK
MOV 1301-2	PREVENTIVE WR 056912	N/A	-----	-----	PERFORMED E.O. SURVEILLANCE, INSPECTION AND MAINTENANCE PER PROCEDURES
MOV 1301-4	PREVENTIVE WR 055914	N/A	-----	-----	DISCONNECTED AND RECONNECTED VALVE FOR M.M. PER PROCEDURE
MOV 1402-24A	PREVENTIVE WR 056915	N/A	-----	-----	COMPLETED INSPECTION AND MAINTENANCE PER PROCEDURE
MOV 1402-24B	PREVENTIVE WR 056916	N/A	-----	-----	DISCONNECTED AND RECONNECTED WIRING FOR M.M., PERFORMED E.O. SURVEILLANCE PER PROCEDURE
MOV 1402-25B	PREVENTIVE WR 056918	N/A	-----	-----	DISCONNECTED AND RECONNECTED WIRING FOR M.M., PERFORMED INSPECTION PER PROCEDURE, LEFT OK
MOV 1402-30A	PREVENTIVE WR 056919	N/A	-----	-----	DISCONNECTED AND RECONNECTED MOV AND PERFORMED E.O. SURVEILLANCE PER PROCEDURE
501601-50B 42004	PREVENTIVE WR 057219	N/A	-----	-----	REPLACED SEALITE, C FITTING, WIRING AND SOLENOID

DRESDEN UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	CAUSE MALFUNCTION	RESULT	CORRECTIVE ACTION
2-1401R *A* CORE SPRAY PUMP MOTOR	PREVENTIVE WR 057558	N/A	-----	-----	PERFORMED E.O. SURVEILLANCE PER PROCEDURE
2-2301-10 VALVE	CORRECTIVE WR 057668	N/A	-----	-----	INSPECTED VALVE AND DIO WELD REPAIRS PER PROCEDURE, LEFT OK
CV2-0305 CRO ACCUM F-11 (22-43)	CORRECTIVE WR 058667	N/A	-----	-----	REPLACED INTERNALS OF DISCHARGE SCRAM AND SET SEATING PRESSURE ON VALVE, LEFT OK
SNUBBER #1010	PREVENTIVE WR 058729	N/A	-----	-----	REMOVED SNUBBER FOR FUNCTIONAL TESTING AND INSTALLED NEW SNUBBER
SNUBBER #1506	PREVENTIVE WR 058730	N/A	-----	-----	REMOVED SNUBBER FOR FUNCTION TESTING, SNUBBER REINSTALLED ON N.R. #62816
MO-2-2301-5	PREVENTIVE WR 059109	N/A	-----	-----	TESTED VALVE PER PROCEDURE
MO-2-2301-4	PREVENTIVE WR 059110	N/A	-----	-----	TESTED VALVE PER PROCEDURE AND REPAIRED DAMAGED LUGS AT LIMIT SWITCH
MO-2-2301-35	PREVENTIVE WR 059113	N/A	-----	-----	TESTED VALVE PER PROCEDURE
2-6600 DIESEL GENERATOR STATOR	PREVENTIVE WR 059202	N/A	-----	-----	REPLACED STATOR PER PROCEDURE, LEFT OK
2-1601-22 VALVE	PREVENTIVE WR 059313	N/A	-----	-----	TROUBLESHOOT AND REPAIRED VALVE

DECKEN UNIT 2 SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OJTAG NUMBER	MALEFUNCTION CAUSE	RESULT	CORRECTIVE ACTION
2-2302 HPCI BOOSTER PUMP	CORRECTIVE WR 059996	N/A	-----	-----	REPLACED O-RINGS AND SEAL FLANGE BUSHING, LEFT OK
U2 MOV 2301-10	PREVENTIVE WR 059998	N/A	-----	-----	DISCONNECTED AND RECONNECTED WIRING FOR M.M.
2-2300 HPCI	CORRECTIVE WR 060152	N/A	-----	-----	INSTALLED NEW O-RINGS AND TIGHTENED, ALSO TIGHTENED DRAIN PLUGS, CHECKED OK
2-2302 HPCI	PREVENTIVE WR 060168	N/A	-----	-----	INSPECTED AND CLEANED HPCI, CHANGED OUT COUPLING BOLTS, LEFT OK
2-2300 HPCI TURBINE	PREVENTIVE WR 060288	N/A	-----	-----	ADJUSTED VALVES PER PROCEDURE, REPLACED DAMAGED STUD AND NUT, LEFT OK
2-0305-3027-126 CRD H-7 (30-27) SCRAM INLET VALVE	PREVENTIVE WR 060312	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKAGE
2-0305-0627-126 CRD H-7 (06-27) SCRAM INLET VALVE	PREVENTIVE WR 060319	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKAGE
2-0305-1855-126 CRD H-14 (18-55) SCRAM INLET VALVE	PREVENTIVE WR 060320	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKAGE
2-0305-0623-126 CRD H-6 (06-23) SCRAM INLET VALVE	PREVENTIVE WR 060321	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKING
2-0305-1011-126 CRD C-3 (10-11) SCRAM INLET VALVE	CORRECTIVE WR 060324	N/A	-----	-----	REPACKED CRD PER PROCEDURE TO ELIMINATE LEAKAGE, LEFT OK

DRESSER UNIT
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	CAUSE MALFUNCTION	RESULT	CORRECTIVE ACTION
2-0305-2203-126 CRD F-1 (22-03) SCRAM INLET VALVE	CORRECTIVE WR 060326	N/A	-----	-----	REPACKED CRD PER PROCEDURE TO ELIMINATE LEAKAGE
2-0305-2251-126 CRD F-13 (22-51) SCRAM INLET VALVE	PREVENTIVE WR 060329	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKAGE
2-0303-2627-127 CRD G-7 (26-27) SCRAM OUTLET VALVE	CORRECTIVE WR 060332	N/A	-----	-----	INSTALLED PACKING IN VALVE, INSTALLED NEW COUPLING AND BOLT ASSEMBLY, LEFT OK
2-0303-0231-127 CRD A-B (02-31) SCRAM OUTLET VALVE	PREVENTIVE WR 060333	N/A	-----	-----	ADJUSTED PACKING TO ELIMINATE LEAKAGE PER PROCEDURE
2-2302 HPCI BOOSTER PUMP	CORRECTIVE WR 060412	N/A	-----	-----	CLEANED AND INSPECTED THREADS, LEFT OK
C-2 MO 2301-9	CORRECTIVE WR 060413	N/A	-----	-----	REPACKED VALVE PER PROCEDURE
00222301-MISC HPCI TURBINE OIL SWITCHES	PREVENTIVE WR 060417	N/A	-----	-----	INSPECTED SWITCHES AND FOUND NO LEAKS
00222301-MISC HPCI TURBINE GAUGES	CORRECTIVE WR 060420	N/A	-----	-----	CALIBRATED GAUGES PER WORK INSTRUCTIONS
2-1301-2 VALVE	CORRECTIVE WR 061038	N/A	-----	-----	REPACKED VALVE AND LUBRICATED STEM, LEFT OK
152-2432 BUSSES 24-1 C 34-1 TIE A.C.B.	PREVENTIVE WR 061042	N/A	-----	-----	REMOVED AND INSTALLED CONTROL SWITCH FOR INSTALLATION OF GUARDRAILS

UNIT NO. 2 ACTIVITY DESCRIPTION

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	CAUSE MALFUNCTION	RESULT	CORRECTIVE ACTION
FLOW TEST VALVE 2-1402-46	PREVENTIVE WR 061846	N/A	-----	-----	REMOVED AND INSTALLED CONTROL SWITCH FOR FLOW TEST
HPCT NO. 2301-15	PREVENTIVE WR 061983	N/A	-----	-----	RECORDED RESISTANCE OF SHUNT FIELD WINDING
DRYWELL STRUCTURAL STEEL	PREVENTIVE WR 062084	N/A	-----	-----	REPAIRED DRYWELL STRUCTURAL STEEL PER DESIGN DOCUMENTS
SHABBER 21505	PREVENTIVE WR 062336	N/A	-----	-----	REMOVED SHOULDER FOR FUNCTION TESTING, WILL REINSTALLED ON W.R. #62316
MOV 2-1501-193	PREVENTIVE WR 062359	N/A	-----	-----	CHANGED OUT MOTOR AND INSTALLED NEW MOTOR LEAD LUGS, LEFT OK
MOV 1402-24A	PREVENTIVE WR 062365	N/A	-----	-----	MOVED WIRE OF CABLE TO PROPER TERMINAL
U2 CONTAINMENT MONITOR SYSTEM	CORRECTIVE WR 062456	N/A	-----	-----	INSTALLED NEW PUMP AND O-RINGS PER PROCEDURE, LEFT OK
590-716A 42-11 FUSE BLOCK FOR CRD	PREVENTIVE WR 062707	N/A	-----	-----	REPLACED CRACKED FUSE BLOCK WITH NEW ONE, LEFT OK
U2 HPCT BOOSTER PUMP 2-2301	CORRECTIVE WR 062809	N/A	-----	-----	REPLACED VALVES PER PROCEDURE, LEFT OK
2-203-1B MSIV	PREVENTIVE WR 063203	N/A	-----	-----	INSPECTED LIMIT SWITCHES AND PERFORMED INSTALLATION PER PROCEDURE, LEFT OK

PRESEN UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	U/R OR OUTAGE NUMBER	CAUSE	HALF ACTION RESULT	CORRECTIVE ACTION
U2-263-10-MSIV	PREVENTIVE WR 063204	N/A	-----	-----	INSPECTED LIMIT SWITCHES AND PERFORMED INSTALLATION PER PROCEDURE, LEFT OK
2-2301-10 VALVE LIMITORQUE	CORRECTIVE WR 063248	N/A	-----	-----	REMOVED LIMITORQUE, REPLACED CRACKED CASE, HUB BEARINGS AND WORM GEAR, REASSEMBLED LIMITORQUE, LEFT OK
5-AQ-1601-56	PREVENTIVE WR 063263	N/A	-----	-----	CHANGED VERSA VALVE TO STOP LEAKAGE
CHECK VALVE 2-263-2-20C	CORRECTIVE WR 063369	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET SEAT AND TESTED VALVE, REINSTALLED VALVE, LEFT OK
CHECK VALVE 2-263-2-230	CORRECTIVE WR 063370	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET AND TESTED VALVE, VERIFIED PROPER ASSEMBLY AND CLEANLINESS, REINSTALLED VALVE
CHECK VALVE 2-263-2-31W	CORRECTIVE WR 063371	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED THE OPEN ENDS, CUT GROVE IN POPPET, TESTED VALVE VERIFYING PROPER ASSEMBLY AND CLEANLINESS, REINSTALLED VALVE
CHECK VALVE 2-263-2-31R	CORRECTIVE WR 063372	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED VALVE, REINSTALLED VALVE
CHECK VALVE 2-220-67F	CORRECTIVE WR 063373	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED VALVE, REINSTALLED VALVE, LEFT OK
CHECK VALVE 2-263-2-200	CORRECTIVE WR 063374	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED VALVE, REINSTALLED VALVE, LEFT OK
CHECK VALVE 2-263-2-31N	CORRECTIVE WR 063375	N/A	-----	-----	REMOVED CHECK VALVE, BAGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED VALVE, REINSTALLED VALVE, LEFT OK

DISCERN UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
CHECK VALVE 2-263-2-310	CORRECTIVE WR 063376	N/A	-----	-----	REMOVED CHECK VALVE, BAGGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED AND REINSTALLED VALVE, LEFT OK
CHECK VALVE 2-263-2-318	CORRECTIVE WR 063377	N/A	-----	-----	REMOVED CHECK VALVE, BAGGED AND TAPED OPEN ENDS, CUT GROVE IN POPPET, TESTED AND REINSTALLED VALVE, LEFT OK
2-1601-22 VALVE	CORRECTIVE WR 063708	N/A	-----	-----	ADJUSTED ORIFICE SIZE AND ESTABLISHED CLOSING TIME WITH SPECS
W001 ROOM AREA TEMPERATURE SWITCHES TS-2-2370A/D, 71A/D, 72A/D, 73A/D	PREVENTIVE WR 063778	N/A	-----	-----	INSTALLED SPLICES FOR TEMPERATURE SWITCHES PER WORK INSTRUCTIONS
TS-2-261-15A/D MAIN STEAM LINE TUNNEL AREA TEMPERATURE SWITCHES	PREVENTIVE WR 063779	N/A	-----	-----	INSTALLED SPLICES FOR TEMPERATURE SWITCHES PER WORK INSTRUCTIONS
2B CCSW PUMP 4KV BREAKERS	PREVENTIVE WR 063796	N/A	-----	-----	REPLACED BLOWN CLOSE COIL FUSE, INSPECTED AND FOUND NO PROBLEMS
CORE SPRAY PUMP RUNNING ALARM	PREVENTIVE WR 063833	N/A	-----	-----	REPLACED AUX CONTACT, LEFT OK
MOV 1301-3	PREVENTIVE WR 063848	N/A	-----	-----	CLAMPED AND TRAINED WIRES AWAY FROM TORQUE SWITCH, FOUND NO OTHER PROBLEMS
MOV 1301-2	PREVENTIVE WR 063849	N/A	-----	-----	REMOVED COMPARTMENT COVER, INSPECTED AND FOUND NO PROBLEMS, REINSTALLED COVER
2-5000 TURBINE STOP VALVES	PREVENTIVE WR 064016	N/A	-----	-----	PERFORMED 102 LIMIT SWITCH SETPOINT PER PROCEDURE, LEFT OK

OVERSEEN UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LEAK OR CHARGE NUMBER	CAUSE	MAINTENANCE RESULT	CORRECTIVE ACTION
WD-2-1201-1	PREVENTIVE WR 064238	N/A	-----	-----	REPLACED AUX CIRCUIT BREAKER CONTACT, LEFT OK
WR NO. 2-316-5 PIPE SUPPORT	PREVENTIVE WR 064305	N/A	-----	-----	REMOVED EXISTING ROD AND PIPE CLAMP PER REQUEST, LEFT OK
2-2301-HPCI	CORRECTIVE WR 064391	N/A	-----	-----	ADJUSTED GEAR ENGAGEMENT, LEFT OK
2306-2-202 HPCI LINE SUPPORT	CORRECTIVE WR 064411	N/A	-----	-----	RESET BOTH SPRING CAN SETTINGS, LEFT OK
2-2301 HPCI	CORRECTIVE WR 064534	N/A	-----	-----	INSTALLED NEW DIAPHRAM, SEAT AND O-RINGS CLEANED AND INSPECTED REGULATOR, LEFT OK
2499-2B *A A CAD/0AM 0W H2O2 MONITOR INLET	PREVENTIVE WR 064696	N/A	-----	-----	ADJUSTED LIMIT SWITCHES AND VERIFIED PROPER POSITION INDICATION
WD-2-1501-274 VALVE	CORRECTIVE WR 064952	N/A	-----	-----	REPLACED TORQUE SWITCH AND CHECKED AND SET LIMITS PER PROCEDURE
2B-1501-44 CCSW PUMP	CORRECTIVE WR 064998	N/A	-----	-----	ADJUSTED PACKING FOR PROPER LEAKAGE
0021640-200B SUPPRESSION POOL TEMPERATURE RECORDER	CORRECTIVE WR 065086	N/A	-----	-----	REPLACED LIGHT BULB PER WORK INSTRUCTIONS
02 0W PERSONEL INTERLOCK STRONGBACK	PREVENTIVE WR 065138	N/A	-----	-----	INSTALLED AND REMOVED STRONGBACK AND TORQUED ALL BOLTS, LEFT OK

UNITED STATES NAVY
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	U/R OR DUTY NUMBER	FAILURE CAUSE	MAINTENANCE RESULT	CORRECTIVE ACTION
2-5202 DIESEL GENERATOR FUEL OIL DAY TANK	CORRECTIVE WR 066135	N/A	-----	-----	TIGHTENED ALL BOLTS ON IAMP, LEFT OK
ROOF VALVE 2-263-2-30W	CORRECTIVE WR 066220	N/A	-----	-----	TIGHTENED UNION TO STOP LEAKAGE, LEFT OK
2-6601 DIESEL GENERATOR	PREVENTIVE WR 066325	N/A	-----	-----	PERFORMED 3 MONTH AND 6 MONTH INSPECTIONS PER PROCEDURE, LEFT OK
2-2301-5 HPCI STEAM SUPPLY ISOLATION VALVE	PREVENTIVE WR 066384	N/A	-----	-----	CYCLED VALVE PER WORK INSTRUCTIONS
2-2301-14 HPCI PUMP DISCHARGE MIN FLOW BYPASS VALVE	PREVENTIVE WR 066386	N/A	-----	-----	CYCLED VALVE PER WORK INSTRUCTIONS
002205 PRI. COHT. ISOLATION RELAY 2-535-101D	CORRECTIVE WR 066473	N/A	-----	-----	JUMPED OUT FAILED SWITCH AT LOCAL JUNCTION BOX, REPAIRS DONE ON N.R. 2 66508
U2 DIESEL GENERATOR GOVERNOR	PREVENTIVE WR 066597	N/A	-----	-----	ADJUSTED GOVERNOR ON DIESEL PER PROCEDURE, LEFT OK
002202 2-263-330 OR 263 ATWS LVL DIV II	CORRECTIVE WR 066617	N/A	-----	-----	CALIBRATED AND REPLACED METERS, LEFT OK
W0-2-2301-4	PREVENTIVE WR 066663	N/A	-----	-----	ADJUSTED PACKING TO CONTROL LEAKAGE, LEFT OK
002202 OPIS 2-261-340 JET PUMP RISER OP CAUSE/SWITCH	PREVENTIVE WR 066667	N/A	-----	-----	CALIBRATED SWITCH, TESTED OK PER PROCEDURE

OPERATION UNIT 2
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LPR OR OUTAGE NUMBER	CAUSE	MAINTENANCE RESULT	CORRECTIVE ACTION
002215 CCSM PUMP	PREVENTIVE WR 066737	N/A	-----	-----	REPLACED POSITION SWITCH, LEFT OK
2-1501-44A CCSM PUMP	PREVENTIVE WR 066776	N/A	-----	-----	REMOVED OLD PACKING, CLEANED AND LUBRICATED AND INSTALLED NEW PACKING TO ELIMINATE LEAKAGE, LEFT OK
SALC VALVE 2-1101-33	PREVENTIVE WR 066902	N/A	-----	-----	CLEANED GLAND AND STEM AND ADJUSTED PACKING, LEFT OK
SALC VALVE 2-1101-34	PREVENTIVE WR 066904	N/A	-----	-----	CLEANED GLAND AND STEM AND ADJUSTED PACKING, LEFT OK
SALC VALVE 2-1101-23	PREVENTIVE WR 066905	N/A	-----	-----	CLEANED PACKING FOLLOWER AND STEM AND ADJUSTED PACKING, LEFT OK
0020716-253-RC LPRM 16-25B ILPRM GROUP 113	CORRECTIVE WR 066957	N/A	-----	-----	TROUBLESHOT AND REPAIRED LPRM, LEFT OK
0020740-09A-RE LPRM 40-09A ILPRM CH. 11	CORRECTIVE WR 066958	N/A	-----	-----	TROUBLESHOT AND REPAIRED LPRM, LEFT OK
0020740-090 LPRM 40-090	CORRECTIVE WR 066968	N/A	-----	-----	TROUBLESHOT AND REPAIRED LPRM, LEFT OK
002223 2-2301-4 MGW	PREVENTIVE WR 066969	N/A	-----	-----	BACKSEATED VALVE PER PROCEDURE, LEFT OK
0020740-4-012 APRM CH. 24	CORRECTIVE WR 067099	N/A	-----	-----	RE-ADJUSTED HI-HI SETPOINT PER PROCEDURE

EQUIPMENT	NATURE OF MAINTENANCE	LEAK OR OILAGE QUANTITY	CAUSE	MAINTENANCE RESULT	CORRECTIVE ACTION
002207 IRM 217	CORRECTIVE WR 067147	N/A	-----	-----	PERFORMED PROCEDURE AND FOUND NO PROBLEMS
00221040-200ATJR TORUS TEMP RECORDER	CORRECTIVE WR 067195	N/A	-----	-----	REMOVED OLD CHART PAPER AND INSTALLED NEW CHART ROLL. ELIMINATED PROBLEMS
002234 *O* CONDENSATE AND BOOSTER PUMP BREAKER	PREVENTIVE WR 067254	N/A	-----	-----	OVERHAULED BREAKER PER PROCEDURE. LEFT OK
2-3992-335 CCSW KEEP FILL VALVE	PREVENTIVE WR 067490	N/A	-----	-----	ADJUSTED PACKING FILLER AND LUBED STEM. LEFT OK
HPCI 2-2301-4 VALVE	PREVENTIVE WR 067921	N/A	-----	-----	PERFORMED BACKSEATING PER PROCEDURE. LEFT OK

ORDER UNIT 3
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR DUTAGE NUMBER	CAUSE MALFUNCTION	RESULT	CORRECTIVE ACTION
MOV 1501-340	PREVENTIVE WR 062732	N/A	-----	-----	REPLACED AUX CONTACTS AND INSPECTED CONTACTOR
ACCUM F-3 422-311 0305	CORRECTIVE WR 063443	N/A	-----	-----	REPLACED OLD ACCUM PER PROCEDURE
D-3 305-102	PREVENTIVE WR 064966	N/A	-----	-----	INSTALLED NEW GASKET, WILL REPLACE VALVE ON WR055000
3A 1503 3A LPCI HEAT EXCHANGER	CORRECTIVE WR 065897	N/A	-----	-----	REMOVED COVERS, CLEANED AND INSPECTED, REINSTALLED COVERS, LEFT OK
003202 MAIN STEAM LINE DRAIN VALVE	PREVENTIVE WR 066389	N/A	-----	-----	PERFORMED SIGNATURE AND EVALUATED, FOUND NO PROBLEMS
003205 PS-505B E.H.C. LOW OIL PRESSURE SCRAM SWITCH	CORRECTIVE WR 066492	N/A	-----	-----	RECALIBRATED NEW SWITCH PER PROCEDURE
3-A-5741 REACTOR EFFLUENT VENT INLET ISOLATION VALVE	CORRECTIVE WR 066528	N/A	-----	-----	REPLACED BROKEN PIPE NIPPLE WITH NEW PIPE, LEFT OK
003268 M3 INSTRUMENT BUS LOW VOLTAGE ALARM	PREVENTIVE WR 066829	N/A	-----	-----	RESET RELAY, LEFT OK
003216 ACAD/CAN HEAT TRACE	CORRECTIVE WR 067018	N/A	-----	-----	RECONNECTED T/C WIRE IN TERMINAL FOR REASONABLE TEMPERATURE INDICATION
003214 CORE SPRAY FLOW FT 1461-B	PREVENTIVE WR 067718	N/A	-----	-----	CONNECTED AND DISCONNECTED DVM FOR CORE SPRAY TEST, TESTED OK

SECTION UNIT 2/3
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LOG OR NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
QUAD SAFETY VALVE	PREVENTIVE WR 060932	N/A	-----	-----	PRETESTED AND REBUILT SAFETY VALVE PER PROCEDURE
QUAD SAFETY VALVES	PREVENTIVE WR 060934	N/A	-----	-----	PRETESTED AND REBUILT SAFETY VALVE PER PROCEDURE
QUAD SAFETY VALVES	PREVENTIVE WR 060935	N/A	-----	-----	PRETESTED AND REBUILT SAFETY VALVE PER PROCEDURE
DIESEL AIR START MOTORS 2-6800	PREVENTIVE WR 061132	N/A	-----	-----	REBUILT 2 AIR START MOTORS PER PROCEDURE, TESTED BOTH MOTORS AND FOUND NO PROBLEMS
2/3-6600 DIESEL GENERATOR	PREVENTIVE WR 061194	N/A	-----	-----	DID BIFENIAL INSPECTION PER PROCEDURE, FOUND NO PROBLEMS
2/3-6699 DIESEL GENERATOR	CORRECTIVE WR 065889	N/A	-----	-----	CLEANED AND TIGHTENED ALL FITTINGS TO ELIMINATE LEAKAGE
2/3-5202 G2/3 DIESEL GENERATOR FUEL OIL DAY TANK	CORRECTIVE WR 066136	N/A	-----	-----	TIGHTENED ALL BOLTS, LEFT OK
2/3 DIESEL GENERATOR	CORRECTIVE WR 066172	N/A	-----	-----	TIGHTENED NIPPLE TO STOP LEAKAGE
3-5209 DIESEL GENERATOR AIR START RECEIVER 3 A 2	CORRECTIVE WR 066179	N/A	-----	-----	REINSTALLED AND TIGHTENED NUT AND LOCK WASHER, LEFT OK
2/3-5209 G2/3 DIESEL GENERATOR AIR START RECEIVER/COMPRESSOR MOUNTING SKID	CORRECTIVE WR 066189	N/A	-----	-----	INSTALLED NEW STOP, LEFT OK

GREEN UNIT 2/3
SAFETY RELATED MAINTENANCE

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MAINTENANCE CAUSE	RESULT	CORRECTIVE ACTION
2/3-7500-A SUGT TRAIN B CHARCOAL SAMPLE CANISTER	PREVENTIVE WR 066305	N/A	-----	-----	REMOVED SAMPLE CANISTER AND INSTALLED BLANK COVER OVER HOLE. INSTALLED AND LATCHED TRAIN COVER AND SAFETY WIRED EACH LATCH AND REINSTALLED WIRE SEALS
2/3-7500-A STANDBY GAS TREATMENT A TRAIN CHARCOAL SAMPLE CANISTER	PREVENTIVE WR 066305	N/A	-----	-----	REMOVED SAMPLE CANISTER AND INSTALLED BLANK COVER OVER HOLE. INSTALLED TRAIN COVER, LATCHED AND SAFETY WIRED
E 2/3 3931-525	CORRECTIVE WR 066730	N/A	-----	-----	INSTALLED NEW BRASS YOKE SLEEVE. LEFT OK
2/3-6601 DIESEL GENERATOR	CORRECTIVE WR 066827	N/A	-----	-----	INSTALLED NEW HANDLE LOCK DEVICE. LEFT OK
000739 G3 FEED TO 2/3 DIESEL GENERATOR COOLING WATER PUMP	PREVENTIVE WR 065946	N/A	-----	-----	RESET OVERLOAD RELAY SETTING PER PROCEDURE
000725 SPARE ROSEMOUNT TRANSMITTER	PREVENTIVE WR 066900	N/A	-----	-----	CALIBRATED TRANSMITTER AND FOUND NO PROBLEMS
QUAD CITIES MAIN STEAM SAFETY VALVE	PREVENTIVE WR 067566	N/A	-----	-----	PRETESTED AND REBUILT SAFETY VALVE PER PROCEDURE

UNIQUE REPORTING REQUIREMENTS

MAIN STEAM RELIEF VALVE OPERATIONS

Relief valve operations during the reporting period October, 1987 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</u> <u>Actuated</u>	<u>Actuations</u>	<u>Conditions</u>	<u>Description</u> <u>of Events</u>
2	10/01-87 to 10/31/87	None			
3	10/01-87 to 10/31/87	None			

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

OCTOBER, 1987

10/01/87 to 10/22/87

Unit 2 entered the month on line and at a power level of 796 MWe at maximum core flow and operated (except for normal weekend surveillances) until October 20th at 0224 hours, when the unit automatically scrambled.

While performing the Main Steam Line High Radiation Scram and Isolation Functional Testing Procedures DOS 1700-1, per Technical Specifications Table 4.1.1, a planned 1/2 Group I "A" channel alarm initiated. Before the operator could clear the alarm, a "B" channel Group I came up because of spurious MSL low pressure alarm, causing the MSIV's to close and the unit scrambled. After determinations of causes were completed, the reactor was made critical October 21st at 0445 hours and the unit was brought on line at 2034 hours of October 22nd.

10/23/87 to 10/31/87

The unit operated the remainder of the month reaching a power level of 815 MWe with a capacity factor of 82.00% and an availability of 91.12%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

OCTOBER, 1987

10/01/87 to 10/07/87

Unit 3 entered the month on line and at reduced power because of feedwater system problems. The turbine was manually taken off-line October 6th at 1126 for testing of the feedwater system per approved Special Procedure 87-9-145. The reactor remained critical and thermal power was increased and then reduced through several evolutions to test the feedwater pumps and valves. After thorough testing was completed, the unit was brought back on line October 7th at 2215 hours.

10/08/87 to 10/31/87

The unit operated the remainder of the month reaching a power level of 785 MWe limited by an OOS feedwater heater which has suspected tube leaks. Availability for the month was 95.33% and the capacity factor was 80.24%.



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

November 5, 1987

EDE LTR: 87-745

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 the month of October, 1987. This information is supplied to your office per the instructions set forth in Regulatory Guide 1.16.

Sincerely,

E. D. Eenigenburg
Station Manager
Dresden Nuclear Power Station

EDE: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
Nuc. Sta. Div. Vice Pres.
Manager, Tech. Serv. Nuc. Sta.
Tech Statt A.E. (2)
On-Site NRC Inspector
Site Q.A.
Station Nuc. Eng. Dept.
Comptroller's Office
PIP Coordinator
INPO Records Center
File/NRC Op. Data
File/Numerical

IE24
1/1