

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE March 1, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: February, 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: 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	696	1,440	120,960
12. Number of Hours Reactor Was Critical	696	1,440	93,664.5
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	696	1,418.1	92,324.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,570,780	3,303,982	179,998,618
17. Gross Electrical Energy Generated (MWH)	513,257	1,080,893	57,583,092
18. Net Electrical Energy Generated (MWH)	489,348	1,031,446	54,419,712
19. Unit Service Factor	100.0	98.48	76.33
20. Unit Availability Factor	100.0	98.48	76.33
21. Unit Capacity Factor (Using MDC Net)	91.07	92.78	58.28
22. Unit Capacity Factor (Using DER Net)	88.55	90.21	56.66
23. Unit Forced Outage Rate	0.0	1.51	11.53
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Snubber inspection May, 1984</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 March 1, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: February, 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:
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	696	1440	110,545
12. Number of Hours Reactor Was Critical	0	0	82,845
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	79,861.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	159,961,098
17. Gross Electrical Energy Generated (MWH)	0	0	51,952,919
18. Net Electrical Energy Generated (MWH)	-2250	-5010	49,225,574
19. Unit Service Factor	0	0	72.24
20. Unit Availability Factor	0	0	72.24
21. Unit Capacity Factor (Using MDC Net)	0	0	57.61
22. Unit Capacity Factor (Using DER Net)	0	0	56.61
23. Unit Forced Outage Rate	0	0	12.66
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: Mid-March, 1984

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-249

UNIT NAME Dresden III

DATE March 1, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

REPORT MONTH FEBRUARY, 1984

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	83-9-30	S	696	C	1	--	--	--	Refueling, ISI and Turbine Overhaul Outage.

1

F: Forced
S: Scheduled

2

Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error
H-Other (Explain)

3

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

4

Exhibit G-Instructions for
Preparation of Data
Entry Sheets for Licensee
Event Report () File
(NUREG-0161)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237

UNIT NAME Dresden II

DATE March 1, 1984

COMPLETED BY B. A.

TELEPHONE (815) 486-1111

REPORT MONTH FEBRUARY, 1984

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

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 March 1, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH February, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>768</u>
2	<u>784</u>
3	<u>791</u>
4	<u>790</u>
5	<u>742</u>
6	<u>783</u>
7	<u>789</u>
8	<u>790</u>
9	<u>789</u>
10	<u>791</u>
11	<u>782</u>
12	<u>765</u>
13	<u>785</u>
14	<u>787</u>
15	<u>788</u>
16	<u>787</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>789</u>
18	<u>390</u>
19	<u>463</u>
20	<u>656</u>
21	<u>769</u>
22	<u>435</u>
23	<u>487</u>
24	<u>562</u>
25	<u>446</u>
26	<u>626</u>
27	<u>768</u>
28	<u>775</u>
29	<u>793</u>
30	<u>---</u>
31	<u>---</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE March 1, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH February, 1984

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

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

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
APRM 3	Preventive W.R. #29892	---	N/A	N/A	Investigated APRM spiking problem. Performed plateau checklist and burned off whiskers.
2-1591-3B Valve	Preventive W.R. #32346	---	N/A	N/A	Replaced overloads.
D-2 Refuel Platform	Preventive W.R. #32365	---	N/A	N/A	Adjusted hoist jam light.
U-2 Rx Turbine Bldg. 517 Doors	Preventive W.R. #32101	---	N/A	N/A	Replaced and adjusted magnets. Also adjusted sweep in door operator.
A02-1601-23 EPN #AO-2-1601- 23	Preventive W.R. #31925	---	N/A	N/A	Adjusted limit switch arms.
Local Station for MO-2-2301- 15	Preventive W.R. #31730	---	N/A	N/A	Replaced bulb.
Local Station for MO-2-1402- 3B	Preventive W.R. #31731	---	N/A	N/A	Changed bulbs.
2B LPCI Heat Exchanger Sam- ple Valve	Preventive W.R. #31686	---	N/A	N/A	Adjusted packing and lubricated stem.
MO 1501-3A	Preventive W.R. #30095	---	N/A	N/A	Installed new overloads.
CCSW Vault Coolers EPN #3900	Preventive W.R. #31646	---	N/A	N/A	Silver soldered hole in tubing.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Barton 764 TX Torus level EPN #1641-5A and 5B	Preventive W.R. #31390	---	N/A	N/A	Installed the new Barton retrofit.
East HPCI Tur- bine Oil Filter	Preventive W.R. #31604	---	N/A	N/A	Took filter apart and cleaned.
Leak Rate Iso- lation Valve EPN #2-1300- 3/4"	Preventive W.R. #32186	---	N/A	N/A	Replaced bonnet.
#4 Turbine Control Valve	Preventive W.R. #32318	---	N/A	N/A	Investigated settings of limit switches. No abnormalities found.
Isolation Con- denser Level	Preventive W.R. #32191	---	N/A	N/A	Recalibrated level indicator per DIS 1300-5.
LPRM 16-33B	Preventive W.R. #30658	---	N/A	N/A	Investigated and repaired LPRM indica- tions.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2/3 Diesel Generator Bypass Switch	Preventive W.R. #31448	---	N/A	N/A	Investigated bypass switch problem. Cleaned contacts, checked wires and performed continuity checks.
Main Steam Line Hi Flow Switch EPN #3-261-2A-725	Preventive W.R. #26677	---	N/A	N/A	Internal parts to flow switch found corroded. Replaced and tested.
Main Steam Line High Flow Switch EPN #DPIS-261-2B	Preventive W.R. #31635	---	N/A	N/A	Internal parts to flow switch found corroded. Replaced and tested.
480V Breaker U-3 Bus #38 From 33-1 at 38 Breaker	Preventive W.R. #31780	---	N/A	N/A	Investigated breaker closure problem. C/S switch was sticking.
Scram Discharge Valve 3-301-157B	Preventive W.R. #31822	---	N/A	N/A	Investigated valve closure problem. Readjusted valve stem length.
Barton 764 7X Scram Discharge Valve EPN #302-32B, 82E, 82H and 82L	Preventive W.R. #31391	---	N/A	N/A	Replaced existing instruments with new retrofit kits and new instruments.
Level Internal on Rx Vessel	Preventive W.R. #31070	---	N/A	N/A	Verified proper sensing line configuration. Performed valve audits.
Reactor Pressure Indication	Preventive W.R. #30689	---	N/A	N/A	Installed a temporary low scale pressure indication for primary system decontamination.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-3 MOV 202-9B EPN #3-202-9B	Preventive W.R. #30883	---	N/A	N/A	Replaced four (4) cap screws.
U-3A Core Spray PP Motor	Preventive W.R. #31285	---	N/A	N/A	Repaired broken conduit and damaged wires.
3A Standby Liquid Pump EPN #3A-1102	Preventive W.R. #27947	---	N/A	N/A	Cleaned, inspected and tightened loose bolts.
3-0202-6A Valve EPN #3-0202-6A	Preventive W.R. #30727	---	N/A	N/A	Removed and installed jumpers.
CRD Scram Valve Solenoids	Preventive W.R. #32017	---	N/A	N/A	Checked and tightened all solenoids.
MO 3-0202-9B Valve EPN #3-0202-9B	Preventive W.R. #30684	---	N/A	N/A	Adjusted and repacked valve.
SBLC Tank Temperature Controller - 1154 EPN #3-1154	Preventive W.R. #31704	---	N/A	N/A	Replaced controller.
LPCI Low Flow Switch EPN #FSL 3-1501-53A	Preventive W.R. #32263	---	N/A	N/A	Replaced micro switch and calibrated.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
N ₂ Containment A03-1601-21	Preventive W.R. #30899	---	N/A	N/A	Replaced butterfly valve.
LPCI Flow Sq. Rooter EPN #3-154C-10A	Preventive W.R. #32241	---	N/A	N/A	Installed LPCI flow square rooter.
Isolation Condenser	Preventive W.R. #31959	---	N/A	N/A	Tightened baffle plate bolts.
LPRM 08-33-3B	Preventive W.R. #20785	---	N/A	N/A	Replaced LPRM card.
SBLC "B" Pump Suction Flanges	Preventive W.R. #32,08	---	N/A	N/A	Tightened suction flanges, replaced two gaskets.
U-3 Batteries	Preventive W.R. #27770	---	N/A	N/A	Performed discharge test.
U-3 24/48 V Batteries	Preventive W.R. #27769	---	N/A	N/A	Performed discharge test.
D-3 Safety Valve EPN #3-203-E,F,G, H	Preventive W.R. #27889	---	N/A	N/A	Replaced four (4) safety valves, E,F,G and H.
3D LPCI Pump Suction From CST	Preventive W.R. #31046	---	N/A	N/A	Replaced missing nuts.
Isolation Condenser	Preventive W.R. #30997	---	N/A	N/A	Replaced manway cover.
#37 Snubber Pipe Clamp	Preventive W.R. #30682	---	N/A	N/A	Aligned pipe clamp.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Isolation Condenser Hatch	Preventive W.R. #30931	---	N/A	N/A	Removed hatch for internal inspection.
3A LPCI Heat Exchanger	Preventive W.R. #31903	---	N/A	N/A	Plugged tubes.
480 V Breaker 34-1 to Bus #39	Preventive W.R. #31841	---	N/A	N/A	Performed 4KV Breaker Inspection.
Refuel Grapple	Preventive W.R. #31978	---	N/A	N/A	Replaced solenoid.
Refuel Grapple	Preventive W.R. #31548	---	N/A	N/A	Replaced spring.
Refuel Grapple	Preventive W.R. #31326	---	N/A	N/A	Adjusted slack cable switch.
Refuel Grapple	Preventive W.R. #30173	---	N/A	N/A	Coupling for tack was loose - tightened.
SBLC Pump Packing	Preventive W.R. #32564	---	N/A	N/A	Adjusted packing.
U-3 Rx Recirc. System	Preventive W.R. #31408	---	N/A	N/A	Removed and reinstalled pipe inter- ferences.
Class 1 Piping Supports	Preventive W.R. #30718	---	N/A	N/A	Removed and replaced supports.
Diesel Low Oil Temperature Alarm	Preventive W.R. #26005	---	N/A	N/A	Replaced temperature switch.
Terminal Block on 903-3 SS Terminal 25	Preventive W.R. #30823	---	N/A	N/A	Replaced deteriorated cracked terminal blocks.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
LPRM Wires	Preventive W.R. #32074	---	N/A	N/A	Investigated LPRM problem and found leads crushed - repaired.
LPRM 2B-40-49 (Ch 4 APRM)	Preventive W.R. #29559	---	N/A	N/A	Investigated and repaired LPRM indications.
LPRM 40-49B (APRM #4)	Preventive W.R. #30280	---	N/A	N/A	Investigated and repaired LPRM indications.
LPRM 16-41D Level	Preventive W.R. #28938	---	N/A	N/A	Downscale indication would not clear. Found shorted connector - repaired.
LPRM 48-33D (APRM #3)	Preventive W.R. #21672	---	N/A	N/A	Investigated and repaired LPRM indications.
LPRM 24-09 D APRM Ch 2	Preventive W.R. #28329	---	N/A	N/A	Investigated and repaired LPRM indications.
Level Instrumentation	Preventive W.R. #30135	---	N/A	N/A	Designed, installed and removed level instrumentation for chemical cleaning.
CCSW Vault Door Seal	Preventive W.R. #30917	---	N/A	N/A	Installed new door gasket.
3A Rx Recirc. Pump Bowl Drain Line	Preventive W.R. #30674	---	N/A	N/A	Replaced leaking pipe between drain valves.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - FEBRUARY, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2/3 Diesel Generator	Preventive W.R. #32590	---	N/A	N/A	Replaced oil line to the oil pressure gauge.
2/3 Electro- matic Relief Pilot Valve	Preventive W.R. #30852	---	N/A	N/A	Made six (6) electromatic relief valve pilot assemblies.
2/3 Ch Yarway Level Switch	Preventive W.R. #29943	---	N/A	N/A	Rebuilt switch to correct problem per factory rep.
Spare Recirc. Pump Dis- charge Valve Studs	Preventive W.R. #31752	---	N/A	N/A	Machined studs to proper length and leveled edges.
Three Spare G E. HEA Relays	Preventive W.R. #31419	---	N/A	N/A	Tested relays per G.E. letter - all tested ok.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

FEBRUARY, 1984

02-01 to 02-29

Unit 2 entered the month operating at a power level of 832 MWe and operated continuously throughout the entire month (with normal power reductions on weekends for surveillances), reaching a power level of 837 MWe with a capacity factor of 88.44% and an availability of 100%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

FEBRUARY, 1984

02-01 to 02-29

Unit 3 was shutdown for the entire month for its scheduled refueling and equipment overhaul outage.

Major work includes:

- 1) Inservice Inspection of Welds
- 2) Weld overlays
- 3) CRD removal and replacement
- 4) Control rod friction testing
- 5) Core loading and verification checks



Commonwealth Edison

Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

March 1, 1984

DJS LTR: 84-202

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 EA
On-Site NRC Inspector
Sta. Nuc. Eng. Dept.
Comptroller's Office
PIP Coordinator
INPO Records Center
File/NRC Op. Data
File/Numerical

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