

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE Oct. 3, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: September 1983
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	720	6,551	117,311
12. Number of Hours Reactor Was Critical	720	3,294.55	90,153.4
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720	3,075.53	88,901.17
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,766,677	6,733,764	172,215,273
17. Gross Electrical Energy Generated (MWH)	571,759	2,145,639	55,033,905
18. Net Electrical Energy Generated (MWH)	542,103	2,008,993	52,006,183
19. Unit Service Factor	100	46.95	75.78
20. Unit Availability Factor	100	46.95	75.78
21. Unit Capacity Factor (Using MDC Net)	97.53	39.72	57.42
22. Unit Capacity Factor (Using DER Net)	94.83	38.62	55.83
23. Unit Forced Outage Rate	0	21.97	11.72
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

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE Oct. 3, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: September, 1983
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	720	6551	106,896
12. Number of Hours Reactor Was Critical	720	6454.30	82,845
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	716.58	6403.10	79,861.10
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,173,654	13,699,358	159,961,098
17. Gross Electrical Energy Generated (MWH)	363,999	4,387,788	51,952,919
18. Net Electrical Energy Generated (MWH)	342,272	4,164,258	49,296,903
19. Unit Service Factor	99.53	97.74	74.71
20. Unit Availability Factor	99.53	97.74	74.71
21. Unit Capacity Factor (Using MDC Net)	61.50	82.23	59.66
22. Unit Capacity Factor (Using DER Net)	59.87	80.06	58.08
23. Unit Forced Outage Rate	0.0	2.21	12.66
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Commenced Unit Refueling Outage 9-30-83.</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Mid-January, 1984

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237

UNIT NAME Dresden II

DATE October 3, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

REPORT MONTH September, 1983

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. C50-249

UNIT NAME Dresden III

DATE October 3, 1983

COMPLETED BY L. A. Schroeder

TELEPHONE (815) 942-2920

REPORT MONTH September, 1983

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	3.4	C	1	--	--	--	Refueling 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-237

UNIT II

DATE Oct. 3, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH September, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>744</u>
2	<u>767</u>
3	<u>768</u>
4	<u>670</u>
5	<u>743</u>
6	<u>766</u>
7	<u>774</u>
8	<u>772</u>
9	<u>774</u>
10	<u>773</u>
11	<u>717</u>
12	<u>768</u>
13	<u>776</u>
14	<u>778</u>
15	<u>780</u>
16	<u>781</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>778</u>
18	<u>628</u>
19	<u>759</u>
20	<u>777</u>
21	<u>785</u>
22	<u>790</u>
23	<u>780</u>
24	<u>788</u>
25	<u>753</u>
26	<u>772</u>
27	<u>784</u>
28	<u>783</u>
29	<u>754</u>
30	<u>690</u>
31	<u>---</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE Oct. 3, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH September, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>504</u>
2	<u>502</u>
3	<u>499</u>
4	<u>499</u>
5	<u>410</u>
6	<u>504</u>
7	<u>499</u>
8	<u>493</u>
9	<u>490</u>
10	<u>487</u>
11	<u>491</u>
12	<u>485</u>
13	<u>486</u>
14	<u>486</u>
15	<u>484</u>
16	<u>481</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>477</u>
18	<u>479</u>
19	<u>474</u>
20	<u>472</u>
21	<u>477</u>
22	<u>477</u>
23	<u>470</u>
24	<u>473</u>
25	<u>472</u>
26	<u>466</u>
27	<u>466</u>
28	<u>459</u>
29	<u>453</u>
30	<u>342</u>
31	<u>---</u>

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - SEPTEMBER, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
D-2 CRD's	Preventive W.R. #23344	--	N/A	N/A	Removed and replaced all CRD's.
HPCI Turbine Stop Valve	Preventive W.R. #29230	--	N/A	N/A	Tightened all flange bolts.
2301-3 Above Seat Drain Pot	Preventive W.R. #29377	--	N/A	N/A	Tightened packing.
HPCI Turbine Booster Pump EPN #2-2302	Preventive W.R. #29236	--	N/A	N/A	Tightened oil drain plug.
24/48VDC Charger 2A	Preventive W.R. #29266	--	N/A	N/A	Adjusted float and equalizer to proper settings.
U-2 LPCI Heat Exchanger Discharge Valve	Preventive W.R. #27159	--	N/A	N/A	Increased torque switch setting.
Accum. 18-35	Preventive W.R. #29346	--	N/A	N/A	Replaced 118 valve solenoid.
LPRM 24-57B (APRM 2)	Preventive W.R. #28360	--	N/A	N/A	Investigated and repaired.
LPRM 08-41B APRM 2	Preventive W.R. #28599	--	N/A	N/A	Investigated and repaired.
LPRM 24-17A (5)	Preventive W.R. #27944	--	N/A	N/A	Investigated and repaired.
Rx Bldg. Fuel Pool Rad. Mon. A	Preventive W.R. #29804	--	N/A	N/A	Investigated and repaired.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - SEPTEMBER, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U-3 250V Battery Charger	Preventive W.R. #28663	--	N/A	N/A	Adjusted V.M. on panel to correspond to certified fluke reading.
U-3 125V Charger	Preventive W.R. #28809	--	N/A	N/A	Investigated and repaired as necessary.
Spare Accum.	Preventive W.R. #29033	--	N/A	N/A	Removed and rebuilt internals of accum.
Accum. 46-19	Preventive W.R. #28999	--	N/A	N/A	Replaced accum.
U-3 Accum. 46-31	Preventive W.R. #29127	--	N/A	N/A	Repacked valve.
RBM Channel #7	Preventive W.R. #29083	--	N/A	N/A	Recalibrated downscale alarm for 59°.
3D MSL Moni- tor	Preventive W.R. #28783	--	N/A	N/A	Investigated and repaired.
MSL Low Pres- sure Switch EPN3-261-30A- D	Preventive W.R. #28887	--	N/A	N/A	Replaced and recalibrated switch.
Standby Liquid Control Tank Temp. Control	Preventive W.R. #28318	--	N/A	N/A	Repaired and calibrated temperature control.
Auto Blowdown/ LPCI Logic	Preventive W.R. #29006	--	N/A	N/A	Reattached wire.
B Rx Bldg. Vent Rad. Monitor	Preventive W.R. #28940	--	N/A	N/A	Investigated and repaired.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - SEPTEMBER, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
LPCI MO 1501-28A	Preventive W.R. #29055	--	N/A	N/A	Investigated auxiliary contact failure problem.
RBM	Preventive W.R. #28698	--	N/A	N/A	Changed instrument setpoint per procedure.
2D MSL Logic Rad. Monitor EPN3-1705-2D	Preventive W.R. #28824	--	N/A	N/A	Investigated and repaired instrument "spike" problem.
125VDC Main Turbine Bus	Preventive W.R. #29155	--	N/A	N/A	Investigated and repaired "ground" problem.
Position Modulator EPN3-1540-6B	Preventive W.R. #28763	--	N/A	N/A	Functionally checked for proper operation of modulator.
U-3 HPCI EPN #3-2301	Preventive W.R. #29452	--	N/A	N/A	Recalibrated flow meters.
LPRM 40-41C APRM Channel #3	Preventive W.R. #28784	--	N/A	N/A	Investigated and repaired.
Squib Valve Failure CT 3A	Preventive W.R. #29850	--	N/A	N/A	Replaced bulb.
Refuel Grapple	Preventive W.R. #29232	--	N/A	N/A	Repaired grapple latch light.
LPRM 24-41 Level B	Preventive W.R. #28960	--	N/A	N/A	Investigated and repaired.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - SEPTEMBER, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
2/3 Interlock Doors	Preventive W.R. #28913	--	N/A	N/A	Replaced fuse.
Standby Gas Treatment "A" Train System	Preventive W.R. #28197	--	N/A	N/A	Replaced 4 Hepa filters.
Standby Gas Treatment "A" Train System	Preventive W.R. #28196	--	N/A	N/A	Removed two sample charcoal canisters.
MCC 29-2 Cubicle B6	Preventive W.R. #27305	--	N/A	N/A	Installed and tested new breaker.
A & B Recirc. Loop Temp. Instrumenta- tion	Preventive W.R. #25305	--	N/A	N/A	Performed instrument setpoint change per work request. Checked for proper operation of alarms and trips.

Summary of Operating Experience

Unit Two

September, 1983

9-1 to 9-30 Unit Two entered the month at a power level of 739 MWe and operated continuously throughout the entire month (with normal power reductions on weekends for surveillances), reaching a power level of 872 MWe with a capacity factor of 95.2% and an availability of 100%.

Summary of Operating Experience

Unit Three

September, 1983

9-1 to 9-30 Unit Three entered the month operating at a power level of 538 MWe and operated continuously throughout almost the entire month (with normal power reductions on weekends for surveillances), reaching a power level of 538 MWe with a capacity factor of 60.7% and an availability of 99.99%.

9-30 Unit Three was shutdown late Friday to commence its scheduled refueling and equipment overhaul outage. Major work includes Inservice inspection, CRD replacements, and H.P. Turbine overhaul.

October 3, 1983

DJS LTR: 83-963

TO: Technical Services
Tech Center, Maywood

SUBJECT: Dresden Station Nuclear Fuel Consumption, Fuel Oil Therms and
Auxiliary Power for the Month of September, 1983.

	U-2	U-3
Nuclear Therms	<u>60,296,689.67</u>	<u>40,227,463.46</u>
MWT Days	<u>73,611.54</u>	<u>49,110.58</u>
Therms Diesel Oil	<u>1,143</u>	<u>1,143</u>
Gallons Diesel Oil	<u>835</u>	<u>835</u>
Auxiliary Power		
Lift Pump	<u>2,519</u>	<u>1,611</u>
Sprays & Lighting	<u>762</u>	<u>487</u>

Prepared by

B. A. Schroeder
B. A. Schroeder
Technical Staff

Approved by

D. J. Scott
D. J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS:BAS:hjb

cc: F. Kurasz
T. Lamontia
C. Larson
J. Brunner
B. Schroeder
J. Tiemann
File/Numerical

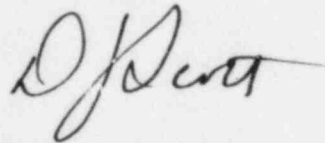
Date October 3, 1983

DJS LTR: 83-967

To: Fossil Technical Services
Tech Center

Subject: Dresden Station Lift and Spray Pump Auxiliary Power

5,379 megawatthours of auxiliary power were used
for the operation of the above in the month of September, 1983.



Station Superintendent
Dresden Nuclear Power Station

cc: Comptroller's Staff
B. A. Schroeder
File/Numerical

MONTHLY REPORT OF PRODUCTION FUEL OIL

Dresden

☐ IGNITION FUEL OIL☐ JET-ENGINE FUEL OIL

September, _____ 19 83

[illegible]

43,996

C

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MINUS:

1,669

1,669

42,327

FUNCTION NUMBER 51106

STATION
SUPERINTENDENT

P.M. Page Jr. J.S.



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

October 3, 1983

DJS LTR: 83-966

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:BS: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.
INPO Records Center
Manager, Tech. Serv. Nuc. Sta.
Tech. Staff EA
On-Site NRC Inspector
Sta. Nuc. Eng. Dept.
PIP Coordinator - Sta. Nuc.
Comptroller's Office
File/NRC Op. Data
File/Numerical

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