OPERATING DATA REPORT

DOCKET NO. 050-237

DATE Jan. 2, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE (815) 942-2920, Ext. 489

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: December, 1984
3. Licensed Thermal Power (MWt): 2,527
4. Nameplate Rating (Gross MWe): 828
5. Design Electrical Rating (Net MWe): 794
6. Maximum Dependable Capacity (Gross MWe): 812
7. Maximum Dependable Capacity (Net MWe): 772
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:

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

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	8784	128,304
12. Number of Hours Reactor Was Critical	0	6511.4	98,735.9
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	6,403.8	97,309.8
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	14,643,422	191,338,058
17. Gross Electrical Energy Generated (MWH)	0	4,719,142	61,221,341
18. Net Electrical Energy Generated (MWH)	-2,758	4,460,360	57,848,626
19. Unit Service Factor	0	72.9	75.8
20. Unit Availability Factor	0	72.9	75.8
21. Unit Capacity Factor (Using MDC Net)	0	65.8	58.4
22. Unit Capacity Factor (Using DER Net)	0	64.0	56.8
23. Unit Forced Outage Rate	0	4.3	11.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
In Refueling Outage

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Feb. 6, 1985

IE 24

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE Jan. 2, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920, Ext. 489

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: December, 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): 771
8. If Changes Occur in Capacity Ratings (Items 3 Through 7) Since Last Report, Give Reasons:

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

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	8784	117,889
12. Number of Hours Reactor Was Critical	744.0	3,888	89,877
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	3,311	83,172
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,771,203	7,095,925	167,057,023
17. Gross Electrical Energy Generated (MWH)	577,117	2,254,058	54,206,977
18. Net Electrical Energy Generated (MWH)	555,240	2,105,646	51,336,230
19. Unit Service Factor	100.0	37.7	70.6
20. Unit Availability Factor	100.0	37.7	70.6
21. Unit Capacity Factor (Using MDC Net)	96.5	31.0	56.3
22. Unit Capacity Factor (Using DER Net)	94.0	30.2	54.8
23. Unit Forced Outage Rate	0	14.2	12.7

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

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

DOCKET NO. 050-237
UNIT NAME Dresden II
DATE January 2, 1985
COMPLETED BY D. C. Maxwell
TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 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
5	84-10-05	S	744	C	1	--	--	--	Refueling 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)

DOCKET NO. 050-249
UNIT NAME Dresden III
DATE January 2, 1985
COMPLETED BY D. C. Maxwell
TELEPHONE (815) 942-2920

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 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
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 January 2, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920, Ext. 489

MONTH December, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE January 2, 1985

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920, Ext. 489

MONTH December, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	421	17	771
2	571	18	756
3	717	19	790
4	776	20	786
5	784	21	778
6	793	22	666
7	775	23	760
8	810	24	751
9	780	25	752
10	793	26	778
11	777	27	784
12	783	28	787
13	782	29	776
14	797	30	694
15	740	31	761
16	659		

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD 58-39 (R10)	Corrective W.R. #36894	---	N/A	N/A	Changed accumulator #58-39 (R-10).
CRD 02-31 (A-8)	Corrective W.R. #36893	---	N/A	N/A	Replaced accumulator #02-31 (A-8).
Valve #2-1601-20B	Preventive W.R. #36226	---	N/A	N/A	Replaced ½" copper tubing coupling.
U2 Diesel Generator Air Start PCV	Corrective W.R. #38314	---	N/A	N/A	Installed new air regulator and new 0-300 16 gauge.
U2 Rx Bldg. Exch. Isol. Valve 2A	Preventive W.R. #35935	---	N/A	N/A	Rebuilt and installed versa valve.
U2 Diesel Generator Start Regulator	Preventive W.R. #38395	---	N/A	N/A	Removed and replaced old air regulator.
Channel #2 APRM	Preventive W.R. #37428	---	N/A	N/A	Replaced flow trip reference unit and calibrated as per DIS 700-6 Rev. 8.
Refuel Crane Arm	Preventive W.R. #37602	---	N/A	N/A	Calibrated refuel crane arm.
U2 250 VDC Battery	Modification W.R. #38607	---	N/A	N/A	Fabricated, painted, and installed new bracket.
Accumulator #54-23	Preventive W.R. #34884	---	N/A	N/A	Replaced packing on check valve.

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD Accumulator	Preventive W.R. #38088	---	N/A	N/A	Rebuilt accumulator 42-07 Loc (SN-A3145). Replaced "O" rings C teflon "O" rings.
Spare Safety Valve, EPN #2/3-203	Preventive W.R. #27838	---	N/A	N/A	Rebuilt and tested safety valve.
Spare Safety Valve, EPN #2/3-203	Preventive W.R. #27840	---	N/A	N/A	Rebuilt spare safety valve.
Spare Safety Valve, EPN #2/3-203	Preventive W.R. #27841	---	N/A	N/A	Rebuilt spare safety valve.
Spare Safety Valve, EPN #2/3-203	Preventive W.R. #27839	---	N/A	N/A	Rebuilt spare safety valve removed from U3.
CRD's	Modification W.R. #30191	---	N/A	N/A	Modified stop pistons and rebuilt CRD's S/N-261 and S/N-973.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
U3 SRM-IRM Drive Tubes	Preventive W.R. #27784	---	N/A	N/A	Lubed all SRM-IRM drive tubes with molykote silicone grease.
Valve #3-0202-6A	Corrective W.R. #31914	---	N/A	N/A	Replaced terminal blocks.
Isolation Condensate Return Isol. Valve, EPN #3-1301-3	Corrective W.R. #27257	---	N/A	N/A	Torque set at 1½ close 3½ open.
MO3-1501-5C	Corrective W.R. #31739	---	N/A	N/A	Found auxiliary contact hung-up. Freed auxiliary contact and lubed.
Turbine Exhaust Pressure Switches, EPN #PS-2368A, -2368B	Preventive W.R. #25784	---	N/A	N/A	Checked wiring and changed print.
Solenoid Valves for AO's 220-44,46,47 and 1402-9A and 9B	Preventive W.R. #28565	---	N/A	N/A	Replaced all solenoids.
MO3-1001-2C Local Control Station	Preventive W.R. #31759	---	N/A	N/A	Removed and relamped broken bulb.
HPCI 2301-35 Valve	Corrective W.R. #30640	---	N/A	N/A	Replaced broken lug.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Electromatic Relief Valve, EPN #AO-3-203-3A,B,C,D and E	Preventive W.R. #29612	---	N/A	N/A	Replaced terminal blocks on electromatics and target rock valve.
MO3-1001-2C Local Control Station	Preventive W.R. #29398	---	N/A	N/A	Removed broken bulb and relamped. Replaced green glass bulb cover.
LPCI Spray Valve MO3-1501-38A	Preventive W.R. #36629	---	N/A	N/A	Replaced transformer.
Torus Rx Bldg. Vacuum Breaker 3-1601-20B	Preventive W.R. #36536	---	N/A	N/A	Tightened fittings to secure air leaks.
AO-1601-56	Preventive W.R. #36535	---	N/A	N/A	Tightened fittings to secure air leaks.
AO-3-1601-21	Preventive W.R. #36534	---	N/A	N/A	Tightened fittings to secure air leaks.
Accumulator 18-47	Corrective W.R. #36931	---	N/A	N/A	Changed out diaphram.
Pressure Suppression Piping	Preventive W.R. #34965	---	N/A	N/A	Cleaned welds for inspection.
S/D Cooling 2A Valve, EPN #MO3-1001-2A	Preventive W.R. #34202	---	N/A	N/A	Adjusted packing. Lubed stem with molykote G paste.
Vent to SBGT Isolation Valve 1601-63	Preventive W.R. #38289	---	N/A	N/A	Replaced versa valve on the vent to SBGT isolation valve 1601-63.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
CRD Accumulator #42-07 (L-2)	Corrective W.R. #37977	---	N/A	N/A	Replaced accumulator.
Accumulator #42-19, EPN #3-0305-113	Corrective W.R. #33619	---	N/A	N/A	Replaced valve.
U3 125 VDC Battery Seismic Restraint	Modification W.R. #38612	---	N/A	N/A	Fabricated, painted and installed bracket.
Torus-Rx Bldg., EPN #3-1601-20B	Preventive W.R. #30549	---	N/A	N/A	Replaced versa valve.
U3 MSIV's	Preventive W.R. #27746	---	N/A	N/A	Checked resistance on operating coils of limit switches.
3C CCSW PP	Corrective W.R. #38057	---	N/A	N/A	Repacked valve and repaired drain line.
CRD K-7 Withdraw Line Isolation Valve, EPN #3-0305-102	Corrective W.R. #27162	---	N/A	N/A	Replaced 127 valve on CRD K-7 (38-27) by cutting and welding.
LPRM 48-33A, LPRM Gr I	Corrective W.R. #37164	---	N/A	N/A	Recalibrated LPRM 48-33A.
IRM #16	Corrective W.R. #35367	---	N/A	N/A	Recalibrated IRM #16.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - DECEMBER, 1984

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Torus-Rx Bldg. Vacuum Breaker A03-1601-20B	Corrective W.R. #37760	---	N/A	N/A	Replaced mounting bolts and reinstalled air line.
Recirculation Cross Connect Bypass Valve, EPN #3-202-9A	Preventive W.R. #37881	---	N/A	N/A	Valve works correctly. Equalize select switch not engaged while the valve was to be opened.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

DECEMBER, 1984

12-01 to 12-31 Refueling outage activities continued throughout the entire period. The unit is presently scheduled to start-up early in February, 1985. Major work includes:

- Local Leak Rate Tests
- ISI Inspections
- Replace Control Rod Drives
- ILRT Preparation
- Normal Pump(s) and Valve(s) Maintenance

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

DECEMBER, 1984

12-01 to 12-31 Unit 3 operated continuously during this period (with normal power reductions for weekend surveillances) reaching a power level of 828 MWe with a capacity factor of 93.25% and an availability of 100%.

UNIQUE REPORTING REQUIREMENTS

MAIN STEAM RELIEF VALVE OPERATIONS

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

Unit		Valves Actuated	Actuations	Conditions	Description of Events
2	12-01-84 to 12-31-84	None	(4 safety/relief valves were replaced during the refueling outage and will be tested in January of 1985.)		
3	12-01-84 to 12-31-84	None			

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

January 2, 1985

DJS LTR: 85-22

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

IE24
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