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DATE March 1, 1986

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

			NOTES				
	Unit Name: Dresden II						
	Reporting Period: February, 1986	and the second se					
	Licensed Thermal Power (MWt): 2.527						
	Nameplate Rating (Gross MWe): 828						
	Design Electrical Rating (Net MWe): 79	4					
	Maximum Dependable Capacity (Gross MWe)	: 812					
	Maximum Dependable Capacity (Net MWe):	772					
	If Changes Occur in Capacity Ratings (Items 3 Through	7) Since Last Po	nort Clus			
	Reasons:	realis 5 mough	// Since Last Re	port, Give			
	N/A						
	Power Level to Which Restricted, If Any	(Net MWe): N/A	4				
Reasons For Restrictions, If Any: N/A							
	Reasons For Restrictions, If Any: N/A						
	Reasons For Restrictions, If Any: <u>N/A</u>						
	Reasons For Restrictions, If Any: <u>N/A</u>						
	Reasons For Restrictions, If Any: <u>N/A</u>						
	Reasons For Restrictions, If Any: <u>N/A</u>	This Month	Yr-to-Date	Cumulative			
	Reasons For Restrictions, If Any: <u>N/A</u>	This Month	Yr-to-Date	Cumulative			
	Hours in Reporting Period	672	1,416	Cumulative			
	Hours in Reporting Period Number of Hours Reactor Was Critical			138,480			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours	<u>672</u> <u>620.3</u> 0		138,480			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line	672 620,3 0 555,2	1,416	<u>138,480</u> 105,020.1			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours	672 620,3 0 555,2 0	$ \begin{array}{r} 1,416 \\ 1,323.2 \\ 0 \\ 1,123.2 \\ 0 \end{array} $	138,480 105,020. 0 100.107 0			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH)	672 620.3 0 555.2 0 1,234,874	$ \begin{array}{r} 1,416 \\ 1,323.2 \\ 0 \\ 1,123.2 \\ 0 \\ 2,584,205 \\ \end{array} $	138,480 105,020. 0 100.107 0			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH)	672 620.3 0 5555.2 0 1,234,874 402,699	$ \begin{array}{r} 1,416\\ 1,323.2\\ 0\\ 1,123.2\\ 0\\ 2,584,205\\ 842,418\\ \end{array} $	138,480 105,020.7 0 100.107.7 0 204,217,844			
	Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH)	672 620.3 0 555.2 0 1,234,874 402,699 383,663	$ \begin{array}{r} 1,416\\ 1,323.2\\ 0\\ 1,123.2\\ 0\\ 2,584,205\\ 842,418\\ 802,260\\ \end{array} $	138,480 105,020.7 0 100.107.7 0 204,217,842 65,342,181			
	Reasons For Restrictions, If Any: <u>N/A</u> Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor	672 620.3 0 555.2 0 1,234,874 402,699 383,663 82.6	$ \begin{array}{r} 1,416\\ 1,323.2\\ 0\\ 1,123.2\\ 0\\ 2,584,205\\ 842,418\\ \end{array} $	138,480 105,020.7 0 100.107.7 0 204,217,844 65,342,181 61,738,374			
	Reasons For Restrictions, If Any: <u>N/A</u> Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor	672 620.3 0 555.2 0 1,234,874 402,699 383,663	$ \begin{array}{r} 1,416\\ 1,323.2\\ 0\\ 1,123.2\\ 0\\ 2,584,205\\ 842,418\\ 802,260\\ \end{array} $	138,480 105,020.7 0 100.107.7 0 204,217,844 65,342,181			
	Reasons For Restrictions, If Any: <u>N/A</u> Hours in Reporting Period Number of Hours Reactor Was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor	672 620.3 0 555.2 0 1,234,874 402,699 383,663 82.6	$ \begin{array}{r} 1,416\\ 1,323.2\\ 0\\ 1,123.2\\ 0\\ 2,584,205\\ 842,418\\ 802,260\\ 79.3\\ \end{array} $	138,480 105,020. 0 100.107. 0 204,217,84 65,342,18 61,738,37 72.3			

Unit Capacity Factor (Using DER Net) 22. 71.9 23. Unit Forced Outage Rate 17.4 24.

Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Mid-May for a weekend snubber inspection.

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

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DATE March 1, 1986

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

OPERATING STATUS

		NULES
1.	Unit Name: Dresden III	
2.	Reporting Period: February, 1986	
3.	Licensed Thermal Power (MWt): 2.527	
	Nameplate Rating (Gross MWe): 828	
5.	Design Electrical Rating (Net MWe): 794	
	Maximum Dependable Capacity (Gross MWe): 812	
	Maximum Dependable Capacity (Net MWe): 773	and the second second second second
8.	If Changes Occur in Capacity Ratings (Items 3 Through	7) Since Last Report, Give
	Reasons:	그는 아이는 것이 모양 집에서 가지 않는 것이 없다.
	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	672	1,416	128,065
12.	Number of Hours Reactor Was Critical	0	0	96,596.7
13.	Reactor Reserve Shutdown Hours	0	0	0
14.	Hours Generator On-Line	0	0	89,793.3
15.	Unit Reserve Shutdown Hours	U	0	0,195.5
16.	Gross Thermal Energy Generated (MWH)	0	0	181,772,636
17.	Gross Electrical Energy Generated (MWH)	0	0	58,839,233
18.	Net Electrical Energy Generated (MWH)	-4,205	-9,934	55,716,360
19.	Unit Service Factor	0	0	70.1
20.	Unit Availability Factor	0	0	70.1
21.	Unit Capacity Factor (Using MDC Net)	0		56.3
22.	Unit Capacity Factor (Using DER Net)	0		54.8
23.	Unit Forced Outage Rate	0	0	12.4
24.	Shutdowns Scheduled Over Next 6 Months (In 9th Refueling/RPR outage.	Type, Date, and	Duration of Each	n):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: June, 1986

UNIT II

DATE March 1, 1986

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

DAY	AVERAGE DAILY POWER (MWe-Net)	LEVEL DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	772		
2 _	688	18	793
3 _	770	19	
4	75	20	758
5	0	21	771
6	0	22	787
7	0	23	720
8	0	24	791
9	367	25	784
0	500	26	776
1	338	27	783
2	361	28	728
3 _	674	29	
4	774	30	
5	814	31	
5	687		

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UNIT III

DATE March 1, 1986

COMPLETED BY D. C. Maxwell

TELEPHONE 815/942-2920

MONTH_	February, 1986		
DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
۱ <u> </u>	0	17	0
2	0	18	0
_	0	19	· · 0
	0	20	0
	0	21	0
	0	22	0
	0	23	0
	0	24	0
	0	25	0
_	0	26	0
	0	27	0
	0	28	0
	0	29	
	0	30	
	0	31	
	0		

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DRESDEN STATION

MAXIMUM DAILY LOAD

MONTH OF February, 1986

DAY	HOUR ENDING	MAXIMUM DAILY LOAD KW					
1	2400	800,000					
2	2400	785,600					
3	1200	820,600					
4	0100	699,200					
5		0					
6		0					
7		0					
8		0					
9	0800	502,700					
10	2400	622,200					
11	0100	631,600					
12	2400	576,200					
13	2400	781,700					
14	1300	820,600					
15	0800	819,300					
16	0100	780,300					
17	1300	826,700					
18	1600	839,200					
19	0100	832,600					
20	2200	816,200					
21	2200	825,700					
22	1600	826,700					
23	2300	814,100					
24	1400	825,000					
25	2200	821,000					
26	0100	821,000					
27	1400	826,100					
28	0200	821,200					
29							
30							
31							

		LER OR OUTAGE MALFUNCTION		NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION ·
D2 Emergency Diesel, EPN #2-6601	Corrective W.R. #35899	N/A			Replaced intake air hose.
U2 Electromatics 2-203-B-C-D-E	Preventive W.R. #36442	N/A			Rebuilt electromatics, installed new operation coils, switches and springs.
U2 Protective Relays	Preventive W.R. #38044	N/A	š		Calibrated and checked protective relays.
Rx Building Vent Exchanger Monitor "B", 2-1705-8B	Preventive W.R. #38961	N/A			Performed routine surveillance DIS 1700-7. No problem found.
U2 Channel B Rx Scram	Preventive W.R. #39137	N/A			Performed DIS 500-1. No problem found.
CRD J-10 HCU 2-305-130 Valve	Preventive W.R. #39575	N/A			Checked and calibrated per DIS 300-2.
U2 MOV 220-1	Preventive W.R. #42102	N/A			Inspected for E.Q.
U2 MOV 3706	Preventive W.R. #42103	N/A			Insrected for E.Q.
U2 MOV 202-7B	Preventive W.R. #42121	N/A			Inspected for E.Q.
U2 Electromatic 203-3B	Preventive W.R. #42170	N/A			Inspected for E.Q.
U2 Electromatic 203-3C	Preventive W.R. #42171	N/A			Inspected for E.Q.
U2 Electromatic 203-3D	Preventive W.R. #42172	N/A			Inspected for E.Q.
U2 Electromatic 203-3E	Preventive W.R. #42173	N/A			Inspected for E.Q.

		LER OR OUTAGE MALFUNCTION		NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION ·
U2 Target Rock 203-3A	Preventive W.R. #42178	N/A			Inspected for E.Q.
U2 Core Spray Pump 1401B	Preventive W.R. #42182	N/A			Inspected for E.Q.
U2 LPCI Pump 1502D	Preventive W.R. #42184	N/A			Inspected for E.Q., drilled weep hole in bottom of motor main power conduit box.
U2 LPCI Pump 1502C	Preventive W.R. #42185	N/A			Inspected for E.Q., drilled weep hole, made new gasket for lead box cover on motor.
U2 MOV 202-5A	Corrective W.R. #43579	N/A			Corrected E.Q. deficiencies, added grease replaced internal wiring and put in new torque limiter plate.
U2 MOV 1301-2	Corrective W.R. #43589	N/A			Corrected E.Q. deficiencies, replaced grease, wiring and spliced motor leads.
U2 MOV 1402-24B	Corrective W.R. #43592	N/A			Corrected E.Q. deficiencies, replaced grease, wiring, spliced motor leads and replaced torque limiter plate.
U2 MOV 1402-25B	Corrective W.R. #43596	N/A			Corrected E.Q. deficiencies, replaced grease, wiring, spliced motor lead connections and replaced missing torque limiter plate.
U2 MOV 1402-38B	Corrective W.R. #43598	N/A			Corrected E.Q. deficiencies, replaced grease, wiring, spliced motor lead con- nections and replaced torque limiter plate.
U2 MOV 1501-11B	Corrective W.R. #43601	N/A			Corrected E.Q. deficiencies, replaced grease, wiring and spliced motor lead connections.

		LER OR OUTAGE MALFUNCTION		NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 MOV 1501-32B	Corrective W.R. #43609	N/A			Corrected E.Q. deficiencies, replaced grease, wiring and spliced motor lead connections.
U2 MOV 2301-8	Corrective W.R. #43611	N/A			Corrected E.Q. deficiencies, replaced grease, wiring and spliced motor lead connections.
LPRM 16-25C, 2-705-002	Preventive W.R. #43871	N/A			Reset scale trip.
U2 MOV 1301-4	Corrective W.R. #44028	N/A			Replaced rewound motor with new motor from limitorque.
LPRM 24-41C, 2-705-002	Preventive W.R. #44312	N/A			Checked using DIP 700-13 and DIP 700-15 No problem found.
Containment Atmos- phere Pressure Alarm Cards 2/3- 2540-18A and 19A	Corrective W.R. #44911	N/A			Replaced variable resistors for work package.
LPRM 1C 16-49, 2-705-002	Preventive W.R. #44935	N/A			Replaced power supply and fuses.
U2 1D-2D MSIV	Preventive W.R. #45482	N/A		*	Adjusted and aligned limit switch.
MO-2-2301-4 Torque Switch	Preventive W.R. #45518	N/A			Adjusted torque switch.
MO-2-3706 Torque Switch	Preventive W.R. #45520	N/A			Adjusted torque switch.
U2 Barton DPIS 1350B	Corrective W.R. #45666	N/A			Replaced DPIS 2-1350B.

A CONTRACTOR OF		LER OR OUTAGE	LER OR OUTAGE MALFUNCTION		
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION .
MSL Rad Monitor 2-1705-2D	Preventive W.R. #45994	N/A			Checked monitor using DIS 1700-1. No problem found.
U2 Containment Air Monitor H ₂ Sensor 2-2402-A	Corrective W.R. #46791	N/A	-		Replaced defective H ₂ cell.
U2 Refuel Grapple	Preventive W.R. #46913	N/A			Put limits back in place, removed cards, signed off jumper log.
LPCI/Core Spray Room Cooler 2-5746A	Corrective W.R. #47127	N/A			Replaced thermostat.
LPCI/Core Spray Room Cooler 2-5746B	Corrective W.R. #47128	N/A			Replaced thermostat.
LPRM 40-33-B	Preventive W.R. #47228	N/A			Checked LPRM using procedure. No problem found.
U2 Torus Tempera- ture Monitor	Preventive W.R. #47238	N/A	-		Performed E.Q. inspection.
U2 Electrical Penetration - 595 Rx Building	Preventive W.R. #47239	N/A			Performed E.Q. inspection.
U2 Electrical Penetration - D/W 545	Preventive W.R. #47240	N/A			Performed E.Q. inspection.
2A Recirculation Pump Discharge MO-2-202-5A	Preventive W.R. #47241	N/A			Performed E.Q. inspection.

NATURE OF MAINTENANCE	ATT CONTROL		MALFUNCTION	
	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
Preventive W.R. #47242	N/A			Performed E.Q. inspection.
Preventive W.R. #47243	N/A			Performed E.Q. inspection.
Preventive W.R. #47244	N/A			Performed E.Q. inspection.
Preventive W.R. #47245	N/A			Performed E.Q. inspection.
Preventive W.R. #47247	N/A			Performed E.Q. inspection.
Preventive W.R. #47248	N/A			Performed E.Q. inspection.
Preventive W.R. #47249	N/A			Performed E.Q. inspection.
Preventive W.R. #47250	N/A			Performed E.Q. inspection.
Preventive W.R. #47251	N/A			Performed E.Q. inspection.
Preventive W.R. #47252	N/A			Performed maintenance on breaker - E.Q. requirement.
	Preventive W.R. #47243 Preventive W.R. #47244 Preventive W.R. #47245 Preventive W.R. #47247 Preventive W.R. #47248 Preventive W.R. #47250 Preventive W.R. #47251	Preventive W.R. #47243 N/A Preventive W.R. #47244 N/A Preventive W.R. #47245 N/A Preventive W.R. #47247 N/A Preventive W.R. #47248 N/A Preventive W.R. #47249 N/A Preventive W.R. #47250 N/A	Preventive W.R. #47243N/APreventive W.R. #47244N/APreventive W.R. #47245N/APreventive W.R. #47247N/APreventive W.R. #47248N/APreventive W.R. #47249N/APreventive W.R. #47250N/APreventive W.R. #47251N/A	Preventive W.R. #47243 N/A Preventive W.R. #47244 N/A Preventive W.R. #47245 N/A Preventive W.R. #47245 N/A Preventive W.R. #47247 N/A Preventive W.R. #47248 N/A Preventive W.R. #47249 N/A Preventive W.R. #47250 N/A Preventive W.R. #47251 N/A

		LER OR OUTAGE MALFUNCTION		NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 "A" Core Spray Pump Breaker, Bus 23-1 CUB 2330	Preventive W.R. #47253	N/A			Performed maintenance on breaker - E.Q. requirement.
U2 "B" Core Spray Pump Breaker, Bus 24-1 CUB 2429	Preventive W.R. #47254	N/A			Performed maintenance on breaker - E.Q. requirement.
U2 Air Line Lubricator to Air Start Motors	Corrective W.R. #47406	N/A			Removed, applied sealant and reinstalled.
#2 Diesel Genera- tor 2-6601	Preventive W.R. #47592	N/A			Performed one and three month surveil- lance inspection as procedure.
U2 "D" LPCI Pump Breaker 24-1 CUB 2427	Preventive W.R. #47600	N/A			Performed E.Q. inspection.
U2 Bottom "B" 24/48 VDC Battery Cell #12, 3rd Floor Turbine Bldg. Battery Rm.	Preventive W.R. #47722	N/A			Charged cell to bring up to specifica- tions.
U2 TE2-1641-207	Preventive W.R. #47884	N/A			Inspected for E.Q.
U2 TE2-1641-206	Preventive W.R. #47885	N/A			Inspected for E.Q.
U2 TE2-1641-204	Preventive W.R. #47887	N/A			Inspected for E.Q.
U2 TE2-1641-203	Preventive W.R. #47888	N/A			Inspected for E.Q.
U2 TE2-1641-202	Preventive W.R. #47889	N/A			Inspected for E.Q.
U2 TE2-1641-201	Preventive W.R. #47890	N/A			Inspected for E.Q.

		LER OR OUTAGE	MALFU	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 TE2-1641-200	Preventive W.R. #47891	N/A			Inspected for E.Q.
U2 Electrical Penetration X-205E	Preventive W.R. #47894	N/A			Replaced splices.
U2 Electrical Penetration X-200B	Preventive W.R. #47895	N/A			Repaired and replaced splices.
U2 Electrical Penetration X-204S	Preventive W.R. #47896	N/A			Replaced splices.
U2 Drywell Equip- ment Hatch	Preventive W.R. #47898	N/A			Opened equipment hatch.
U2 Drywell Equip- ment Hatch	Preventive W.R. #47905	N/A			Closed equipment hatch.
D2 East Bank Accum. SDV Header 2-0388/2-0387	Preventive W.R. #47908	N/A			Installed new flanges and gaskets.
U2 2-1001-1B Valve	Preventive W.R. #47919	N/A		777	Cleaned limit stack contacts.
U2 Lifted Leads for Penetration X-2045 Control Room	Preventive W.R. #47930	N/A			Lifted black lead of cable; caution carded.
U2 MOV 202-7B	Preventive W.R. #47947	N/A			Replaced grease.
U2 MOV 220-1	Preventive W.R. #48012	N/A			Replaced sealtite, defective wire and splice - E.Q. requirement.

		LER OR OUTAGE	MALFUI	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Electromatic 203-3B	Preventive W.R. #48014	N/A			Replaced wiring and sealtite - E.Q. requirement.
J2 Electromatic 203-3C	Preventive W.R. #48015	N/A			Replaced wiring and sealtite - E.Q. requirement.
J2 Electromatic 203-3B	Preventive W.R. #48016	N/A			Replaced wiring and sealtite - E.Q. requirement.
J2 Electromatic 203-3E	Preventive W.R. #48017	N/A			Replaced wiring and sealtite - E.Q. requirement.
U2 1C MSIV, 2-203-1C	Corrective W.R. #48026	N/A			Installed new seal in top and bottom of oil cylinder.
U2 Diesel Genera- tor Soak Back Oil Pump	Corrective W.R. #48067	N/A			Tightened coupling.
U2 1201-1A	Preventive W.R. #48110	N/A			Replaced grease.
U2 "B" Bottom Charger Timer	Corrective W.R. #48144	N/A			Replaced timer.
U2 Electrical Penetration X 205E	Preventive W.R. #48154	N/A			Performed E.Q. inspection.
U2 LPRM 32-57C	Preventive W.R. #48155	N/A	i		Checked per procedure.
U2 LPRM 32-17C	Preventive W.R. #48156	N/A			Checked per procedure.
U2 New 125V Battery Cells	Preventive W.R. #48158	N/A			Charged batteries.

		LER OR OUTAGE	MALFUNCTION			
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
Rx Bldg. Fuel Pool Floor Chan- nel "A" and "B", U2	Corrective W.R. #48167	N/A			Repaired broken connector wire in "A" channel; recalibrated "A" and "B' per procedure.	
U2 MOV 2-2301-5	Preventive W.R. #48176	N/A			Rebuilt limitorque operator.	
U2 MOV 2-2301-8	Preventive W.R. #48177	N/A			Rebuilt limitorque operator.	
U2 MOV 2-202-5B	Preventive W.R. #48178	N/A			Rebuilt limitorque operator.	
U2 MOV 2-202-5A	Preventive W.R. #48179	N/A			Rebuilt limitorque operator.	
U2 Diesel Genera- tor #2	Preventive W.R. #48185	N/A			Crimps on terminators from HACR inspected - none found loose.	
U2 2B Core Spray Pump Relay	Corrective W.R. #48187	N/A			Replaced relay and tripped check.	
U2 2A Core Spray Pump 2-1401-A	Preventive W.R. #48196	N/A			Taped up switchgear and motor connections - E.Q. requirement.	
U2 2B Core Spray Pump 2-1401-B	Preventive W.R. #48197	N/A			Retaped at breaker and motor - E.Q. requirement.	
U2 2A LPCI Pump 2-1502-A	Preventive W.R. #48198	N/A			Retaped at breaker and motor - E.Q. requirement.	
U2 2B LPCI Pump 2-1502-B	Preventive W.R. #48199	N/A			Taped up switchgear and motor leads E.Q. requirement.	
U2 2C LPCI Pump 2-1502-C	Preventive W.R. #48200	N/A			Taped at motor and bus connections - E.Q. requirement.	
U2 2 Diesel Generator	Preventive W.R. #48202	N/A			Taped U2 diesel generator - E.Q. requirement.	

		LER OR OUTAGE	MALFUI	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Transformer 28	Preventive W.R. #48204	N/A			Taped at bus connections - E.Q. requirement.
U2 Transformer 29	Preventive W.R. #48205	N/A			Taped at bus connections - E.Q. requirement.
U2 Bus Tie 23- 23-1	Preventive W.R. #48206	N/A			Taped at bus connections - E.Q. requirement.
U2 Bus Tie 24-1- 34-1	Preventive W.R. #48208	N/A			Taped at bus connections - E.Q. requirement.
Drywell H ₂ and O ₂ Monitoring System HM-2-2402B	Corrective W.R. #48245	N/A			Installed new pump.
U2 LPRM 08-33B, APRM #6, 08-33B	Preventive W.R. #48253	N/A			Checked per procedure.
U2 Wide Range Torus Level "A" LT 1641 5A	Corrective W.R. #48256	N/A		-	Recalibrated per procedure - changed cover o-rings.
U2 Wide Range Torus Level "B" LT 1641 5B	Corrective W.R. #48257	N/A			Recalibrated per procedure - changed cover gaskets.
U2 2B LPCI Pump Breaker (24-1)	Preventive W.R. #48276	N/A			Tightened connections, tested breaker per procedure.
U2 Isolation Con- denser Valve Breaker, Valve 2-1301-1	Preventive W.R. #48292	N/A			Replaced reset button.

		LER OR OUTAGE	MALFUN	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Medium Range Drywell Pressure Receiver 2-8540- 2/4	Corrective W.R. #48311	N/A			Corrected calibration error per proce- dure.
U2 28 LPCI Pump Breaker Cubicle	Corrective W.R. #48316	N/A			Replaced racking screw receptacle.
U2 Bus 28 and 29	Corrective W.R. #48332	N/A			Installed/removed jumpers.
U2 Torus Thermo- couple Junction Boxes 2RB-207 to 222	Preventive W.R. #48375	N/A			Drilled weep hole in bottom of junction box.
U2 FCI Level Switch Response, LS 2-302-82G, 82H, 82A, 82B	Preventive W.R. #48396	N/A			Completed slow fill FCI level switch response curves.
U2 MOV 2-1301-4	Preventive W.R. #48180	N/A			Rebuilt limitorque operator.
U2 MOV 2-1301-1	Preventive W.R. #48239	N/A			Rebuilt limitorque operator.
U2 MOV 2-1001-1B	Preventive W.R. #48240	N/A			Rebuilt limitorque operator.
U2 MOV 2-220-2	Preventive W.R. #48234	N/A			Rebuilt limitorque operator.
U2 MOV 2-1001-1A	Preventive W.R. #48241	N/A			Rebuilt limitorque operator.
U2 1A MSIV	Corrective W.R. #48294	N/A			Rebuilt valve, instant block.
U2 2A SBLC Pump 2A-1102	Corrective W.R. #48435	N/A			Installed new packing.

Contract of the second second		LER OR OUTAGE MALF		NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Replaced LS 2-302-82B	Corrective W.R. #48443	N/A			Installed new FCI level switch, completed "slow fill" response per procedure.
U2 Rx Head Seal Valve 2-220-52	Preventive W.R. #48461	N/A			Adjusted limit switches.
D2 MSIV 2-203-2A	Corrective W.R. #48470	N/A			Added packing.
U2 DWEDS Valve Control Switch 2001-3 and 2001-4	Preventive W.R. #48476	N/A			Cleaned and lubed control switch.
U2 1A MSIV	Corrective W.R. #48478	N/A			Repaired pilot valves and air operators.
U2 D2 MSIV 1D 2-203-1-D	Preventive W.R. #48480	N/A			Adjusted packing.
U2 MOV 1301-1	Preventive W.R. #48482	N/A	-		Checked rotation, set limits and strip chart.
U2 A0 220-44	Corrective W.R. #48484	N/A			Changed wiring to different contact.
U2 Scram Dis- charge Volume Flange	Preventive W.R. #48497	N/A			Tightened bolts.
U2 MOV 2301-8	Preventive W.R. #48513	N/A			Reset closed limit switch.
U2 MOV 202-5A	Preventive W.R. #48514	N/A			Reset closed limit switch.
U2 Head Vent Valve 2-220-47	Corrective W.R. #48516	N/A			Replaced diaphragm.
U2 Head Vent Valve 2-220-46	Preventive W.R. #48517	N/A			Adjusted limit arm.

		LER OR OUTAGE	MALFU	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Core Spray 2-1402-48	Corrective W.R. #48528	N/A			Installed new studs and nuts.
U2 2-220-44 AOV	Corrective W.R. #48561	N/A			Installed new air diaphragm.
U2 2-220-51 AOV	Preventive W.R. #48533	N/A			Adjusted limits.
U2 Accumulator 26-11, LS 2-305- 129 (26-11)	Preventive W.R. #48587	N/A			Checked - no problem found.
U2 Spare MSIV 3-Way Valve 2-203-1-A	Preventive W.R. #48634	N/A			Rebuilt spare 3-way valve.
D2 "A" Recircula- tion Pump 2-202-A	Preventive W.R. #48635	N/A			Installed keepers, removed and reinstal- led spool piece, removed keepers and torque bolts.
U2 2 "D" CCSW Pump 2B-1501-44	Preve ive W.R. #48695	N/A			Repacked pump.
U2 HPCI Oil Filter	Preventive W.R. #48705	N/A			Cleaned filter.
U2 APRM Channel 4	Corrective W.R. #48815	N/A	5 -		Replaced K-2 and K-16, verified trip setpoints.
D2 Snubber Moni- toring System	Corrective W.R. #48825	N/A			Relocated ground cables.
U2 LPRM 40-09C 2-705-002	Corrective W.R. #48839	N/A	-	-	Replaced I.C. chip and transistor.
U2 Rx Level Switch (Yarway) 263-72D	Preventive W.R. #48997	N/A	-		Cleaned and installed new rings.

		LER OR OUTAGE	MALFU	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 2C LPCI Pump	Preventive W.R. #49097	N/A			Performed checks per procedure. No problems found.
U2 Containment H ₂ O ₂ Analyzer 2A and 2B 902-64A- 64B	Preventive W.R. #49196	N/A			Checked and calibrated analyzers per procedure.
U2 H_2O_2 Monitor (East) 2-2402A	Corrective W.R. #49199	N/A			Replaced FIC 4 and recalibrated 0_2 cell.
U2 CCSW Vault Cooler	Corrective W.R. #49357	N/A			Repaired leak.
U2 APRM #6	Preventive W.R. #49396	N/A			Checked per procedure.
U2 MO-2-1402-24B	Preventive W.R. #49405	N/A			Adjusted clip holding bulb.
U2 LPRM 08-33C, 2-705-002	Preventive W.R. #49450	N/A			Checked per procedure.
U2 "A" H ₂ O ₂ Monitor 2-2404A	Preventive W.R. #49546	N/A			Cleaned flowrator.
U2 Accumulator 18-11 117 Valve	Preventive W.R. #49631	N/A			Tightened fittings, adjusted FIC 4
U2 2-1501-27B	Preventive W.R. #49652	N/A			Readjusted open limit switch and tested.
U2 2-1501-28A	Preventive W.R. #49655	N/A			Adjusted open limit switch and tested.
U2 Channel 7 Rod Block Monitor	Preventive W.R. #49678	N/A			Adjusted per procedure.

		LER OR OUTAGE	MALFU	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U2 Isolation Con- denser "A" Vent Monitor 2-1705-9A	Preventive W.R. #49683	N/A			Adjusted setpoint.
U2 Rod Block Monitor Chennel 8	Corrective W.R. #49711	N/A			Replaced 1 quad trip card and 1 flow control trip reference card; calibrated per procedure.
D2 D/G Soak Back Oil Pump	Corrective W.R. #49803	N/A			Changed out pump.
U2 Diesel Generator	Preventive W.R. #49841	N/A			Inspected reverse power relay.
U2 Refueling Floor ARM Channel A, 2-1705-16A	Corrective W.R. #49930	N/A			Replaced indicator trip unit, checked and calibrated per procedure.
U2 Lube Oil Pres- sure Sensing Line Diesel Generator	Corrective W.R. #49955	N/A			Replaced all hoses in panel.
U2 Torus Tempera- ture Recorder TR-2-1640-200A	Corrective W.R. #49971	N/A		-	Adjusted chart drive belt's tension.
U2 APRM 6	Corrective W.R. #50086	N/A			Repaired bad connector pin.
U2 Torus Tempera- ture Recorder 2-1640-200A	Preventive W.R. #50268	N/A			Cleaned selector switch and slide wire.

		LER OR OUTAGE	MALFUN	NCTION	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U3 IRM Channel 15	Preventive W.R. #47475	N/A			Checked per procedure.
U3 Reactor Mode Switch 590-300	Preventive W.R. #47601	N/A			Performed visual inspection.
U3 SRM 22 NM3-750- 1C	Preventive W.R. #47603	N/A			Adjusted setpoint, completed procedure.
U3 HCU 30-27	Corrective W.R. #47606	N/A			Rebuilt scram pilot valves.
U3 Scram Outlet Valve Accumulator 22-39, 3-0305-127	Preventive W.R. #47617	N/A			Tightened nuts.
U3 Scram Pilot Valves	Corrective W.R. #47619	N/A			Rebuilt and tested 20 scram pilot valves
U3 Scram Outlet Valve Accumulator 22-35, 3-305-127	Preventive W.R. #47620	N/A			Tightened nuts.
U3 CRD/Accumulator 26-39 Scram Outlet Valve 305-127	Preventive W.R. #47621	N/A			Tightened nuts.
CRD/Accumulator 10-31 Scram Outlet Valve 3-0305-127	Preventive W.R. #47622	N/A			Tightened nuts.
U3 CRD/Accumulator 14-27 Scram Outlet Valve 305-127	Preventive W.R. #47623	N/A			Tightened nuts.
U3 CRD/Accumulator 18-27 Scram Outlet Valve 305-127	Preventive W.R. #47624	N/A			Tightened nuts.

FOUTPHENE		LER OR OUTAGE	MALFU	NCTION	1
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION
U3 'CRD/Accumula- tor 34-55 Scram Outlet Valve 305-127	Preventive W.R. #47625	N/A	-		Tightened nuts.
U3 CRD/Accumula- tor 38-55 Scram Outlet Valve 305-127	Preventive W.R. #47626	N/A			Tightened nuts.
U3 CRD/Accumula- tor 46-11 Scram Outlet Valve 305-127	Preventive W.R. #47627	N/A			Tightened bown on flange bolts.
U3 CRD/Accumula- tor 26-43 Scram Outlet Valve 305-127	Preventive W.R. #47628	N/A		-	Tightened nuts.
U3 CRD/Accumula- tor 30-35 Scram Outlet Valve 305-127	Preventive W.R. #47629	N/A	-		Tightened packing nuts.
U3 CRD/Accumula- tor 26-39 Scram Outlet Valve 305-127	Preventive W.R. ₹47630	N/A			Tightened packing nuts.
U3 S.O.V. 302- 20A	Corrective W.R. #47683	N/A			Replaced solenoid.
U3 125VDC Bat- tery System	Preventive W.R. #47724	N/A			Checked - no problem found.
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SAFETY RELATED MAINTENANCE - FEBRUARY, 1986

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FOULTPUTT		LER OR OUTAGE MALFUNCTION		NCTION		
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
SDV' Vent and Drain Air Header Supply Valve 3-0302-20B	Corrective W.R. #47727	N/A			Replaced valve assembly and tested.	
Recirculation X-Tie Valve 3-202-6A	Preventive W.R. #47729	N/A			Installed/removed jumpers.	
3-302-18	Corrective W.R. #47734	N/A	:		Rebuilt pilot valve and tested.	
LPRM 32-25D (Group 2) 3-705- 002	Preventive W.R. #47752	N/A			Checked per procedures. No problem found.	
U3 IRM 17 RM3- 750-7F	Preventive W.R. #47785	N/A			Cycled and checked per procedure.	
U3 ECCS Fill Pump	Corrective W.R. #47867	N/A			Replaced motor.	
U3 Refuel Grapple	Corrective W.R. #47903	N/A			Replaced leaking air cylinder, cotter pi	
U3 SkM and IRM Cable Extensions	Preventive W.R. #47917	N/A			Made up SRM and IRM extension cables.	
U3 CRD 38-07 (K-2) 305-117	Preventive W.R. #47921	N/A			Tightened nuts.	
U3 125V System	Preventive W.R. #48034	N/A			Checked - no short found.	
U3 24/48V B Top Battery Charger Timer	Corrective W.R. #48145	N/A			Replaced timer.	
#3 Diesel Gene- rator	Preventive W.R. #48183	N/A			Inspected crimps.	

Fourment		LER OR OUTAGE	MALFUNCTION			
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
U3 'Rx Building/ Turbine Internal Door	Preventive W.R. #48264	N/A.	-		Adjusted closing mechanisms on turbine and Rx Building doors,	
U3 "A" Core Spray Suction Support 1402-W-205	Preventive W.R. #48344	N/A			Replaced missing nuts.	
U3 Grapple	Corrective W.R. #48499	N/A			Replaced both micro switches.	
U3 M03-1402-4A Core Spray Valve Operator	Corrective W.R. #48586	N/A			Removed MO from U3 and installed on U2 1402-4B valve.	
U3 Recirculation Pump Flanges 3B- 202 and 3A-202	Preventive W.R. #48952	N/A			Removed blank flanges and installed decon. equipment.	
U3 RWCU Flanges 3-1201-1A and 3-1265 Line	Preventive W.R. #48954	N/A	-		Removed blank flanges and installed decon. equipment.	
U3 2B Recircula- tion Pump	Preventive W.R. #49016	N/A			Removed coupling.	
#3 Diesel Gen- erator	Preventive W.R. #49188	N/A			Perform. ' semi-annual inspection per procedures.	
U3 Pressure Transmitter Calibration PT3- 647B	Preventive W.R. #49299	N/A			Replaced transmitter cover, inspected an calibrated PT, E.Q. requirement.	
U3 Rx Pressure Transmitter Calibration PT3-647A	Preventive W.R. #49300	N/A			Inspected and calibrated PT.	

		LER OR OUTAGE	MALFUN	CTION		
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
U3 Recirculation System Instru- mentation	Preventive W.R. #49519	N/A			Fused and drained instrument lines.	
U3 Rx Building Interlock Door	Preventive W.R. #49595	N/A			Reinstalled fuse, adjusted door closure.	
U3 LLRT Box DTS- 31	Preventive W.R. #49950	N/A			Performed monthly calibration per proce- dures.	
U3 LLRT Box DTS- 32	Preventive W.R. #49951	N/A			Performed monthly calibration per proce- dures.	
U3 Rx Building Vent System Inlet Isolation Valve 3-B-5741	Corrective W.R. #50232	N/A			Installed new versa valve.	

DRESDEN UNIT 2/3

		LER OR OUTAGE	MALFU	NCTION	T	
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
U-273 Safety Valve - Spare #1, 203	Corrective W.R. #35489	N/A			Rebuilt safety valve.	
U-2/3 Safety Valve - Spare #2, 203	Corrective W.R. #35490	N/A		e	Rebuilt safety valve.	
U-2/3 Safety Valve - Spare #3, 203	Corrective W.R. #35491	N/A			Rebuilt safety valve.	
U-2/3 Safety Valve - Spare #4, 203	Corrective W.R. #35492	N/A			Rebuilt safety valve.	
U-2/3 "B" Emergency Diesel	Corrective W.R. #35901	N/A			Replaced rubber air intake hose.	
U-2/3 Spare 18" Tilting Check Valve	Preventiva W.R. #37811	N/A			Rebuilt check valve.	
U-2/3 SBGT Outlet Valve 7506A	Corrective W.R. #42892	N/A			Replaced hand wheel.	
U-2/3 Sensor and Converter - G-1	Preventive W.K. #43225	N/A			Repaired sensor and converter - returned to Storeroom.	
MOV 7504A 2/3 7504A	Preventive W.R. #43612	N/A			Replaced grease, wiring, spliced motor lead connections - E.Q. requirement.	
U-2/3 MOV 7505A	Preventive W.R. #43614	N/A			Replaced grease, wiring, spliced motor lead connections - E.Q. requirement.	
U-2/3 MOV 7507A	Preventive W.R. #43616	N/A			Replaced grease, wiring, spliced motor lead connections - E.Q. requirement.	
Belleville Arrest	and the second second	State States				

DRESDEN UNIT 2/3

Poursuin		LER OR OUTAGE	MALFUNCTION			
EQUIPMENT	NATURE OF MAINTENANCE	NUMBER	CAUSE	RESULT	CORRECTIVE ACTION	
RBM Relay Card	Corrective W.R. #43635	N/A			Replaced relay K-1.	
DIS 32 Heise Gauge	Preventive W.R. #43690	N/A			Gauge will have to be replaced.	
U-2/3 DG Cooling Water Pump	Preventive W.R. #44726	N/A			Repaired sealtite and burned to ground cable.	
U-2/3 Spare Quad Trip Card	Corrective W.R. #44804	N/A			Replaced G4 and Q1 trip card.	
U-2/3 Rosemount Transmitter	Corrective W.R. #45753	N/A			Repaired 3 transmitters.	
U-2/3 GE Quad Trip Card	Corrective W.R. #46348	N/A			Replaced Op. Amp.	
U-2/3 Diesel Generator	Preventive W.R. #48184	N/A			Checked crimps.	
U-2/3 Diesel Generator	Preventive W.R. #48203	N/A			Taped at breaker.	
U-2/3 DTS-32	Preventive W.R. #48203	N/A			Calibrated test gauge.	
U-2/3 Diesel Generator	Preventive W.R. #49474	N/A			Relugged wire.	
U-2/3 DG "B" Air Compressor	Corrective W.R. #49964	N/A			Readjusted "B" compressor pressure control switch.	

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237 UNIT NAME II DATE March 1, 1986 COMPLETED BY D. C. Maxwell TELEPHONE (815) 942-2920

REPORT MONTH February, 1986

NO.	DATE	TYPE1	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
3	86-02-04	F	116:50 (116.8)	Α	Manual	86-005-0			Steam leak in x-area drain line. During subsequent start-up reactor scrammed while moving mode switch from refuel to start- up (Rx at 0 MWt).
F: S:	Forced Scheduled					3	Method: 1-Manual 2-Manual 3-Automat 4-Other (ic Scram	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 III DATE March 1, 1986 COMPLETED BY D. C. Maxwell TELEPHONE (815) 942-2920

REPORT MONTH February, 1986

METHOD OF LICENSEE CAUSE & CORRECTIVE REASON² NO. DATE TYPE1 DURATION SHUTTING EVENT COMPONENT SYSTEM ACTION TO (HOURS) DOWN REACTOR³ REPORT # CODE⁴ CODE 5 PREVENT RECURRENCE 6 85-10-28 S 672:00 C 1 Off-line manually to 9th -----Refueling/Recirculation Pipe Replacement outage. 1 2 3 4 F: Forced Reason: Method: Exhibit G-Instructions for Scheduled A-Equipment Failure (Explain) S: 1-Manual Preparation of Data B-Maintenance or Test 2-Manual Scram Entry Sheets for Licensee C-Refueling 3-Automatic Scram Event Report () File D-Regulatory Restriction 4-Other (Explain) (NUREG-0161) E-Operator Training & License Examination F-Administrati e G-Operational prior

H-Other (Explain)

UNIQUE REPORTING REQUIREMENTS

MAIN STEAM RELIEF VALVE OPERATIONS

Relief valve operations during the reporting period of February, 1986 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	Reporting P	Period	Valves Actuated	Actuations	Conditions	Description of Events
2	02-01-86 to 0)2-28-86	None			
3	02-01-86 to 02-28-86		None	removed dur were tested and all 4 1) _

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

FEBRUARY, 1986

02-01-86 to 02-09-86 Unit 2 entered the month operating at a level of 790 MWe and at maximum core flow. The unit operated until February 4 at 0555 hours when the generator was taken off-line because of a steam leak in a main steam drain line. The line was repaired and while the unit was preparing for start-up on February 6, a reactor scram occurred at 1949 hours when the mode switch was moved from refuel to start-up. The scram was attributed to contacts in the mode switch that overtraveled to the run position. With mode switch contacts in the run position, the reactor scrammed on low condenser vacuum. The reactor was brought to critical at 2345.

02-09-86 to 02-28-86 The turbine was synchronized to the system on February 9 at 0245 hours and operated the remainder of the month reaching a power level of 840 MWe with an availability of 82.6% and a capacity factor of 71.85%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

FEBRUARY, 1986

02-01-86 to 02-28-86

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Refueling outage activities continued throughout the entire period. The unit is presently scheduled to start-up in mid-June, 1986. Major work includes:

- Normal pump(s) and valve(s) maintenance.
- Decontamination of the removed recirculation piping.
- Replacement of the recirculation piping.
- ISI inspections.



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

March 1, 1986

DJS LTR: 86-180

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 February, 1986. This information is supplied to your office per the instructions set forth in Regulatory Guide 1.16.

Sincerely,

RA. Hessner m

D. J. Scott Station Manager Dresden Nuclear Power Station

DJS:DCM:hjb Enclosure Region III, Regulatory Operations, U.S. NRC cc: 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. On-Site NRC Inspector Sta. Nuc. Eng. Dept. Sta. Q.A. Dept. Comptroller's Office PIP Coordinator INPO Records Center File/NRC Op. Data File/Numerical

