

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE April 4, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden II
2. Reporting Period: March, 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	<u>744</u>	<u>2160</u>	<u>112920</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>168.33</u>	<u>87027.18</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>168.13</u>	<u>82988.37</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>227,620</u>	<u>165,709,129</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>69769</u>	<u>52,958,035</u>
18. Net Electrical Energy Generated (MWH)	<u>-2,903</u>	<u>56,766</u>	<u>50,053,956</u>
19. Unit Service Factor	<u>0</u>	<u>7.78</u>	<u>73.49</u>
20. Unit Availability Factor	<u>0</u>	<u>7.78</u>	<u>73.49</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>3.4</u>	<u>57.42</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>3.3</u>	<u>55.83</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>11.64</u>
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: 4/11/83

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OPERATING DATA REPORT

DOCKET NO. 050-249

DATE April 4, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: March, 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	<u>744</u>	<u>2160</u>	<u>102,505</u>
12. Number of Hours Reactor Was Critical	<u>701.82</u>	<u>1364.77</u>	<u>77,092.47</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>692.52</u>	<u>2094.75</u>	<u>75,552.72</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,597,185</u>	<u>4,895,565</u>	<u>151,161,295</u>
17. Gross Electrical Energy Generated (MWH)	<u>516,080</u>	<u>1,603,013</u>	<u>50,255,077</u>
18. Net Electrical Energy Generated (MWH)	<u>492,387</u>	<u>1,532,237</u>	<u>46,614,882</u>
19. Unit Service Factor	<u>93.08</u>	<u>96.78</u>	<u>73.71</u>
20. Unit Availability Factor	<u>93.08</u>	<u>96.78</u>	<u>73.71</u>
21. Unit Capacity Factor (Using MUC Net)	<u>85.62</u>	<u>91.77</u>	<u>58.83</u>
22. Unit Capacity Factor (Using DER Net)	<u>83.35</u>	<u>89.34</u>	<u>57.27</u>
23. Unit Forced Outage Rate	<u>6.92</u>	<u>3.02</u>	<u>13.21</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

N/A

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH, 1983DOCKET NO. 050-237UNIT NAME Dresden IIDATE 4-4-83COMPLETED BY B. A. SchroederTELEPHONE (815) 942-2920

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
1	83-1-8	S	744	C	3	--	--	--	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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH, 1983DOCKET NO. 050-249UNIT NAME Dresden IIIDATE 4-4-83COMPLETED BY B. A. SchroederTELEPHONE (815) 942-2920

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
2	83-3-4	F	51.5	H	1	--	--	--	Due to snubber failures on Unit 2 Steam lines, Unit 3 was shutdown to determine if same problems exist. <u>No</u> problems identified.

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 April 4, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH March, 1983

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT III

DATE April 4, 1983

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

MONTH March, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>797</u>	17	<u>668</u>
2	<u>804</u>	18	<u>669</u>
3	<u>776</u>	19	<u>658</u>
4	<u>462</u>	20	<u>717</u>
5	<u>0</u>	21	<u>777</u>
6	<u>37</u>	22	<u>781</u>
7	<u>489</u>	23	<u>791</u>
8	<u>642</u>	24	<u>788</u>
9	<u>662</u>	25	<u>789</u>
10	<u>669</u>	26	<u>794</u>
11	<u>669</u>	27	<u>708</u>
12	<u>668</u>	28	<u>784</u>
13	<u>667</u>	29	<u>776</u>
14	<u>666</u>	30	<u>785</u>
15	<u>652</u>	31	<u>786</u>
16	<u>667</u>		

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
480V Breaker at Bus 48 for MCC28-1	Preventive W.R. #20389	---	N/A	N/A	Completed inspection.
480V Breaker at Bus 28 for MCC28-3	Preventive W.R. #20391	---	N/A	N/A	Completed inspection.
480V Breaker at Bus 28 for Bus Tie 28-29	Preventive W.R. #20393	---	N/A	N/A	Completed inspection.
480V Breaker Bus Mainfeed Bus 29	Preventive W.R. #20394	---	N/A	N/A	Completed inspection.
480V Breaker at Bus 29 Bus Tie 29-28	Preventive W.R. #20395	---	N/A	N/A	Completed inspection.
480V Breaker at Bus 29 for MCC29-3	Preventive W.R. #20398	---	N/A	N/A	Completed inspection.
D2 Seal Purge Relay Valve	Preventive W.R. #21834	---	N/A	N/A	Removed valve - tested valve (lifted at 1255). Valve lifted within Specs.
2-203-B Electromatic Relief	Preventive W.R. #23064	---	N/A	N/A	Work performed in drywell Unit 2. Welded reducer to 3/8 pipe per procedure.
HPCI Check Valve	Preventive W.R. #23100	---	N/A	N/A	Disassembled valve for inspection and reassembled using old gasket.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
X-Area Temp. SW's 261-16A and 261-16D	Preventive W.R. #25439	---	N/A	N/A	Calibrated and installed new Temp. SW.
Isolation Condenser 1301-3	Preventive W.R. #25653	---	N/A	N/A	Put valve motor operator into manual and opened valve with manual hand wheel.
250V Battery	Preventive W.R. #25313	---	N/A	N/A	Checked voltage - 262.0 volts. OK.
125V Battery	Preventive W.R. #25312	---	N/A	N/A	Checked voltage - 130.0 volts. Raised float voltage .5 volts to 130.5 - OK.
#3 Diesel Generator	Preventive W.R. #25942	---	N/A	N/A	Performed quarterly inspection per DMP 6600-6 for E.M.D.
Unit 3 Diesel	Preventive W.R. #25829	---	N/A	N/A	Replaced 9 filters.
APRM Ch1 LPRM 40-41A	Preventive W.R. #25179	---	N/A	N/A	Completed DIP 700-15&13. Found LPRM stable and reading good.
LPRM 48-17D APRM Ch1	Preventive W.R. #24795	---	N/A	N/A	LPRM gain adjusted. Is now reading in Spec. Completed DIP 700-13&15.
Unit 3 CRD 4-14 (30-55)	Preventive W.R. #25986	---	N/A	N/A	Adjusted stem (bottom) one thread down for more pressure on seat.
Unit 3 Flow Converters	Preventive W.R. #25395	---	N/A	N/A	Recalibrated RBM #8 flow convertor. Looks good.
Acoustic Monitor 4G and 4H	Preventive W.R. #25605	---	N/A	N/A	Recalibrated the threshold voltage on Acoustic monitor 4G and 4H.
Electromatic & Torus Test	Preventive W.R. #12021	---	N/A	N/A	Firestop material and vermasco. Disconnected all cables.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Unit 2 Isolation Condenser Test Connection 2-1301-1-606	Preventive W.R. #23138	---	N/A	N/A	Repacked valve using Grafoil packing.
Unit 2 Fuel Pool Gates	Preventive W.R. #23286	---	N/A	N/A	Installed new gaskets on the outer fuel pool as requested.
APRM/RBM Trip Level Push-buttons	Preventive W.R. #23292	---	N/A	N/A	Installed new pushbuttons.
HPCI Room Cooler	Preventive W.R. #23606	---	N/A	N/A	Removed both covers, cleaned cooler and tested cooler for leaks - found no leaks. Replaced covers.
D2 Isolation Condenser Sample Valve	Preventive W.R. #24346	---	N/A	N/A	Welded in valve.
Refuel Grapple	Preventive W.R. #24502	---	N/A	N/A	Installed Temp. 480V feed. Removed track switches and entered in Jumper Log 1-10-83. Back to normal 2-5-83.
Reactor Manual Control	Preventive W.R. #246108	---	N/A	N/A	Replaced switches.
Isolation Condenser Vent & Drain Line Sight Glass	Preventive W.R. #24641	---	N/A	N/A	Removed glasses and cleaned. Reinstalled glasses. Inspected gasket (rubber) - found OK.
#2 Diesel Generator	Preventive W.R. #24675	---	N/A	N/A	Quarterly, semiannual and yearly inspections done on #2 diesel generator.

6000

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
D2 Low Fluid on Torus Basement Snubber	Preventive W.R. #24904	---	N/A	N/A	Filled snubber reservoirs on 2,3,4,5,7,8, 9,12,13,15 and 16. Replaced zerk fittings on 3, 7 and 8.
Isolation Condenser Manway Hatch	Preventive W.R. #24972	---	N/A	N/A	Inspected gasket - surface OK. Reinstalled cover.
250V Battery	Preventive W.R. #25049	---	N/A	N/A	Cleaned five batteries, greased and torqued.
Torus Drain Valve	Preventive W.R. #25086	---	N/A	N/A	Removed bonnet top of valve. Installed new packing and moly-coat threads on stem.
Isolation Condenser	Preventive W.R. #25171	---	N/A	N/A	Removed cover. Stored wood.
2-2099-323 HD Spray Drain Valve	Preventive W.R. #25176	---	N/A	N/A	Installed new packing (Grafoil) (3) with moly G on stem (threads).
A & B LPCI Loopwelds	Preventive W.R. #25194	---	N/A	N/A	Ground welds 16-11 and 16-14 for ISI in order to perform a UT.
Inboard "A" Feedwater Chk.	Preventive W.R. #25246	---	N/A	N/A	Installed new seat ring assembly.
Unit 2 Diesel Generator	Preventive W.R. #25293	---	N/A	N/A	Removed heads and cleaned tubes. Replaced heads.
Unit 2C Safety Valve	Preventive W.R. #25475	---	N/A	N/A	Replaced rupture disk in valve with new 8" rupture disc Stores #580A30.
Unit 2 Fuel Grapple	Preventive W.R. #25495	---	N/A	N/A	Replaced spring - spring bent and going past stop. Operates OK.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Unit 2 Diesel Generator	Preventive W.R. #25897	---	N/A	N/A	Replaced 2 air motors. Cleaned air line lubricator and refilled with 20W oil.
LLRT Valve 2-1299-006	Preventive W.R. #25703	---	N/A	N/A	Tightened down on packing and also lubed stem with moly G.
Unit 2 Target Rock Pilot Valve	Preventive W.R. #24516	---	N/A	N/A	Took valve #159 apart. Reset pilot to 1135 psi as requested.
LPCI M02-1501-5C	Preventive W.R. #25913	---	N/A	N/A	Got valve off of seat. Exercised contactor. Cycled 3 times.
Unit 2 Inter-lock Door	Preventive W.R. #25895	---	N/A	N/A	Adjusted door closure.
D2 Low Fluid Isolation Condenser Pipeway	Preventive W.R. #24905	---	N/A	N/A	Used zerk to fill snubber <u>ONLY</u> . Removed zerk and put back original plug.
Wide Range Level Xmitter Instr. Check Valve	Preventive W.R. #24183	---	N/A	N/A	Removed and tested flow. OK.
Recirc. PP Seal Instr. Check Valve	Preventive W.R. #24185	---	N/A	N/A	Removed and tested flow check. Flow check tested within Specs.
Recirc. PP Seal Instr. Check Valve	Preventive W.R. #24187	---	N/A	N/A	Tested flow check. Flow check tested within Specs.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
24/48 Bottom West Battery Charger	Preventive W.R. #25742	---	N/A	N/A	Adjusted voltage to proper setting.
2A-125V Battery Charger	Preventive W.R. #25778	---	N/A	N/A	Adjusted voltage to proper setting.
2A 250V DC Battery Charger	Preventive W.R. #25744	---	N/A	N/A	Made float voltage adjustment. Adjusted and checked AMP from charger. Checked out OK.
Refuel Grapple	Preventive W.R. #25440	--	N/A	N/A	Replaced spring in switch.
125V Batteries	Preventive W.R. #23622	---	N/A	N/A	Readings are within Spec. using temp. conversion chart at 77°F. SG would be 12lb.
Refuel Platform	Preventive W.R. #25335	---	N/A	N/A	Replaced rate card and repaired coupling on tack.
Unit 2 Grapple	Preventive W.R. #23879	---	N/A	N/A	Replaced control cable and cable rollers.
2-220-5 & 6	Preventive W.R. #21596	---	N/A	N/A	Repacked with Grafoil packing and lubed stem and packing with N500.
480 Volt Breaker at Bus 28 for MCC 28-2	Preventive W.R. #20390	---	N/A	N/A	Completed inspection.
480 Volt Breaker at Bus 28 - Main Feed Bus 28	Preventive W.R. #20392	---	N/A	N/A	Completed inspection.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
480 Volt Breaker at Bus 29 For MCC 29-7	Preventive W.R. #20396	---	N/A	N/A	Completed inspection.
480 Volt Breaker at Bus 29 for MCC 29-2	Preventive W.R. #20397	---	N/A	N/A	Overhauled per DMP 7300-4.
480 Volt Breaker Bus 29 for MCC's 29-1 and 29-4	Preventive W.R. #20399	---	N/A	N/A	Completed inspection.
Unit 2 Rx Mode Switch	Preventive W.R. #20713	---	N/A	N/A	Installed new mode switch with update.
HPCI Draw Pot Trap	Preventive W.R. #21814	---	N/A	N/A	Found trap plugged - cleaned trap and rebuilt. Installed trap back in line.
D-2 SBLC	Preventive W.R. #21844	---	N/A	N/A	After test fire - old valves removed and replaced with new valves and parts.
D-2 CRD Support Steel	Preventive W.R. #21899	---	N/A	N/A	Removed steel 1-15-83. Installed steel 2-26-83.
Unit 2 HPCI Sump Pump	Preventive W.R. #22008	---	N/A	N/A	Relocated seal and tightened to float.
Unit 2 DC Motors	Preventive W.R. #22021	---	N/A	N/A	Inspection completed.
Unit 2 24/48V Batteries	Preventive W.R. #22022	---	N/A	N/A	Completed battery discharge test per S.P. 83-1-4. Back to normal service at this time.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Unit 2 125V Batteries	Preventive W.R. #22023	---	N/A	N/A	Completed 125V battery discharge test per S.P. 83-1-2. Battery now back to normal service.
Unit 2 250V Batteries	Preventive W.R. #22024	---	N/A	N/A	Disconnected batteries. Tested batteries, reconnected and returned to service.
Unit 2 HFA Relays	Preventive W.R. #22025	---	N/A	N/A	Cleaned and inspected all Unit 2 HFA relays per DMP 500-2, Rev. 2.
Recirc. PP Seal Instr. Check Valve	Preventive W.R. #24186	---	N/A	N/A	Removed and tested flow check. Flow check tested within Specs.
L12-263-101, LT2-263-61	Preventive W.R. #24632	---	N/A	N/A	Calibrated LT2-263-61 and LT 2-263-101-LI 2-263-112.
2A LPCI Heat Exchanger	Preventive W.R. #24650	---	N/A	N/A	Replaced heads and piping.
IRM #12	Preventive W.R. #24760	---	N/A	N/A	Performed DIS 700-4 for IRM #12 only.
Unit 2 Reactor Scrams	Preventive W.R. #25024	---	N/A	N/A	Jumpers removed - Jumper Log cleared.
RPS Relays 590112-A,B,C,D	Preventive W.R. #25215	---	N/A	N/A	Jumpers removed - Jumper Log cleared.
Rod Permissive Relay	Preventive W.R. #25228	---	N/A	N/A	Jumpers removed - Jumper Log cleared.
Accum. 58-23 104 Valve	Preventive W.R. #25428	---	N/A	N/A	Took valve apart and found lower seat to be wedged under disc. Managed to force back down. Valve will now close.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
HPCI Main PP Drain Valve	Preventive W.R. #25115	---	N/A	N/A	Replaced 2 nuts and adjusted packing.
Safety-Related Motor Operated Valves	Preventive W.R. #25477	---	N/A	N/A	Inspected breaker settings per package.
HPCI Room Cooler	Preventive W.R. #25511	---	N/A	N/A	Completed rerouting of conduit for contractor's work in Unit 2 HPCI Room.
Turbine Exchange Press. Switch	Preventive W.R. #25541	---	N/A	N/A	Corrected wiring error as per 12E2789A. Tested switch and relay operation as per DIS 2300-9.
Solenoid Wall Bracket	Preventive W.R. #25555	---	N/A	N/A	Screws were too long, bottoming out. Put washers under screws and bracket tightened-up securely.
D2 D/G Low Cooling H ₂ O Press. S.W.	Preventive W.R. #25600	---	N/A	N/A	Bench calibrated new switch and installed. Functionally tested for proper operation.
ATWS Relay K105A	Preventive W.R. #25680	---	N/A	N/A	Cleaned relay contacts with burnishing tool.
ATWS Relay K105B	Preventive W.R. #25681	---	N/A	N/A	Cleaned contacts.
24/48 Bottom East Battery Charger	Preventive W.R. #25741	---	N/A	N/A	Adjusted valve to proper setting.
2A 125V Battery Charger	Preventive W.R. #25774	---	N/A	N/A	Replaced control board and adjusted.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Unit 2 AO 2301-31	Preventive W.R. #25846	---	N/A	N/A	Could not find problem or any leaking.
Rod Movement C.S.	Preventive W.R. #25880	---	N/A	N/A	Adjusted control switch stop screw. Operates OK.
Accumulator #30-15 (H-4)	Preventive W.R. #25855	---	N/A	N/A	Removed valve, rebuilt and reinstalled.
Snubber Supporting Attachment	Preventive W.R. #25924	---	N/A	N/A	PT of attachment weld.
Snubber 2A-5606-53	Preventive W.R. #25925	---	N/A	N/A	Replaced cotter pin as requested.
24/48/Batter Bottom and Bottom B Charger and at B Top Chargers	Preventive W.R. #25930	---	N/A	N/A	All panel meters agree with fluke readiness.
#2 125V Battery Charger	Preventive W.R. #25931	---	N/A	N/A	Float voltage 130.3, equalize voltage 135.3.
125V Battery Charger #2	Preventive W.R. #25941	---	N/A	N/A	Using calibrated fluke, measured 131 volts at battery charger. Panel meter read 131.
29-7 Feed Breaker	Preventive W.R. #25977	---	N/A	N/A	Installed a jumper on Bus 28, back compartment T.B. B-Y 11 & 12.
24/48 Volt Battery	Preventive W.R. #26013	---	N/A	N/A	Performed test and replaced bad cells.

DRESDEN UNIT 2

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
HCU J-10 (34-39)	Preventive W.R. #26020	---	N/A	N/A	Replaced bonnet bolt as requested.
CRD H-2 (30-07)	Preventive W.R. #26035	---	N/A	N/A	Replaced solenoid.
Refuel Grapple	Preventive W.R. #26508	---	N/A	N/A	Replaced track switch and adjusted limits.
On SBLC Pipe Union After Flow Gauge	Preventive W.R. #26079	---	N/A	N/A	Removed union nut, cleaned threads and tightened union.
IRM #13 Drive Mount	Preventive W.R. #26108	---	N/A	N/A	Opened detector drive tube. Bottom cylinder has about 4-6 oz. of water in it dripping out bottom bearing-bushing. Seal looks good. Water not coming from Reactor.
CRD B-12 Rod Select Switch	Preventive W.R. #26179	---	N/A	N/A	Replaced B-12 rod select switch. Paper work to follow per QA and QC.
GR 2 & 3 Scram Reset Time Delay Relay	Preventive W.R. #26184	---	N/A	N/A	Adjusted 590-122B time delay relay to 12 seconds.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OF OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Unit 3 Torus to Rx Bldg. Relief Valve	Preventive W.R. #25896	---	N/A	N/A	Replaced Solenoid.
Refuel Grapple	Preventive W.R. #25613	---	N/A	N/A	Replaced sationary and movable contacts.
3C Main Steam Line Flow Disp.	Preventive W.R. #25389	---	N/A	N/A	Recalibrated switch indicator.
Mechanical Snubbers	Preventive W.R. #24706	---	N/A	N/A	Disconnected and tested as requested.
Unit 3 CRD J-15 (34-59)	Preventive W.R. #25380	---	N/A	N/A	Adjusted valve stem 1/8" longer.
LPRM 16-14-B APRM CH5	Preventive W.R. #24751	---	N/A	N/A	Completed DIP 700-13 and 700-15 LPRM and electronic. Looks good.
LPRM 16-49C (GP1)	Preventive W.R. #24693	---	N/A	N/A	Completed DIP 700-13 and 700-15.
LPRM 32-57B	Preventive W.R. #25038	---	N/A	N/A	Completed DIP 700-13 & 15. Found LPRM 32-57B steady.
Unit 3 SBLC Heat Trace	Preventive W.R. #25517	---	N/A	N/A	Settings were set too low on suction and discharge line thermostats.
Unit 3 LPCI "D" Pump Suction 3-1501-5D	Preventive W.R. #25775	---	N/A	N/A	Replaced aux. contact on closing contactor with like for like replacement.
Unit 3 DG	Preventive W.R. #25743	---	N/A	N/A	Replaced 2 ea. air start motors reg. valve and 9 filters in North bank.
Unit 3 Torus Spray Valve 3-1501-18A	Preventive W.R. #25776	---	N/A	N/A	Cleaned contacts on torque switch. Replaced intermittent aux. contact with like for like replacement.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Drywell Pres- sure Controller	Preventive W.R. #25037	---	N/A	N/A	Found power supply on system bad. Replaced.

SAFETY RELATED MAINTENANCE - MARCH, 1983

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Spare Diesel/ Air Start Motor	Preventive W.R. #25964	---	N/A	N/A	Rebuilt per instruction - 4 air start motors.
GE Power Supply ± 20VDC	Preventive W.R. #24461	---	N/A	N/A	Performed calibration on power supply and adjusted the R4's for ± 20VDC.
Diesel Air Start Motors (Spare)	Preventive W.R. #25749	---	N/A	N/A	S/N RCF 27449 found one slight burn. S/N 140290 found too much grease and oil. Cleaned out and reassembled.
Spare Diesel Air Start Motors	Preventive W.R. #25877	---	N/A	N/A	Took both air start motors apart and found them to be OK.
2/3 250 VDC Battery Charger	Preventive W.R. #25745	---	N/A	N/A	Adjusted voltages to proper settings.
2/3 Diesel Generator	Preventive W.R. #25706	---	N/A	N/A	Freed-up valve.
Spare Feedwater Check Valve	Preventive W.R. #17791	---	N/A	N/A	Rebuilt valve, installed pins and bushing.
Spare Electro- matic	Preventive W.R. #22881	---	N/A	N/A	Rebuilt spare electromatic.
Spare Versa Valve	Preventive W.R. #25297	---	N/A	N/A	Repaired versa valve. Installed valve.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

MARCH, 1983

3-1 to 3-31 Unit Two was shutdown for the entire month for its scheduled refueling and equipment outage. Major work included Torus painting, CRD replacements, and H.P. Turbine overhaul.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

MARCH, 1983

3-1 to 3-4 Unit Three entered the month operating at a power level of 834 MWe and operated until the 4th when a normal shutdown of the unit was conducted for snubber inspection.

During the Unit Two refueling outage it was noted that several snubbers on the main steam lines were inoperative. Inspection of the identical snubbers on Unit Three was conducted. Each of the Unit Three snubbers was visually inspected and stroked for operability. No problems noted.

3-4 to 3-20 Following the inspection of snubbers, a normal unit startup was commenced with the unit coming on-line by the evening of the 6th. However, problems were experienced with one of the three Low Pressure Heater strings and power was restricted to 700 MWe. Erosion of a small portion of the Heater shell was to blame.

3-20 to 3-31 With the repair of the Heater string the unit reached a power level of 831 MWe. The final results for the month of March was a capacity factor of 83.37% and an availability of 93.08%.