AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-249

UNIT Dresden III

DATE June 2, 1980

COMPLETED BY J. A. Cieszkiewicz

TELEPHONE (815) 942-2920, ext. 489

MONTH MAY, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	52
2	0	18	511
3	32	19	718
4	217	20	762
5	223	21	764
6	426	22	763
7	620	23	771
8	613	24	764
9	658	25	336
10	690	26	525
11	691	27	658
12	742	28	674
13	752	29	568
14	773	30	689
15	728	31	701
16	115		

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE June 2, 1980

COMPLETED BY S. Cieszkiewicz

TELEPHONE (815) 942-2920, ext. 489

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: May, 1980
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

   NA

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

		This Month	Yr-to-Date	Cumulative
11.	Hours in Reporting Period	744	3,647	77,688
12.	Number of Hours Reactor Was Critical	691.23	1,476.23	57,241.55
13.	Reactor Reserve Shutdown Hours	0	0	0
14.	Hours Generator On-Line	631.92	1,410.58	54,735.12
15.	Unit Reserve Shutdown Hours	0	0	0
16.	Gross Thermal Energy Generated (MWH)	1,306,266	2,633,992	104,905,659
17.	Gross Electrical Energy Generated (MWH)	415,519	840,204	34,269,878
18.	Net Electrical Energy Generated (MWH)	394,682	784,617.6	32,477,908.56
19.	Unit Service Factor	85	39	70
20.	Unit Availability Factor	35	39	70
21.	Unit Capacity Factor (Using MDC Net)	69	28	54
22.	Unit Capacity Factor (Using DER Net)	67	27	53
23.	Unit Forced Outage Rate	8.2	5.3	16.3

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

    NA

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY, 1980

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	800203	S	55.0	C					Refueling outage
3	800503	F	6.6	H					Turbine trip - Hi #6 bearing vibration (Rx remained critical)
4	800503	F	1.3	H					Turbine trip - 3B Moisture Separator Hi Hi (Rx remained critical)
5	800505	F	9.5	G	3				Rx scram - Rx low level (instrument rack jarred)
6	800515	F	9.6	A					EHC oil leak (Rx remained critical)
7	800516	F	5.2	A					EHC oil leak (Rx remained critical)
8	800517	F	15.6	A					#2 turbine control valve stuck open (Rx remained critical)
9	800525	F	9.3	H	3				Turbine tripped on Moisture Separator "C" Hi Hi level - Rx scrammed on turbine stop valve closure

1 2

F: Forced
S: Scheduled

Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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)

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - MAY, 1980

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Torus Painting	Preventive WR #4215	Outage #3-2	NA	NA	Painted torus.
Main Steam Isolation Valves	Preventive WR #1795	Outage #3-2	NA	NA	Adjusted limit switches.
Control Rod Drives	Preventive WR #5863	Outage #3-2	NA	NA	Replaced solenoid valves.
Control Rod Drive Speed Control Valves	Preventive WR #5594	Outage #3-2	NA	NA	Replaced bad valves.
Rod Block Monitor Channel #8	Preventive WR #5779	Outage #3-3	NA	NA	Replaced capacitors & checked voltage.
Drywell Personnel Doors	Preventive WR #1675	Outage #3-2	NA	NA	Greased & oiled bearings & chains.
Jet Pump #13	Preventive WR #4587	Outage #3-2 LER #80-4/03L-0	NA	NA	Removed pump & made repairs to hold down beam. Reinstalled with modified gate. Adjusted aligning screw & welded all parts.
Control Rod Drive	Preventive WR #5688	Outage #3-2	NA	NA	Replaced 121 & 122 valve.
Flange on Clean-Up Line	Corrective WR #3600	Outage #3-2	Bad Gasket	Leakage	Replaced gasket.
Drywell Equipment Hatch	Preventive WR #1662	Outage #3-2	NA	NA	Closed hatch.
Clean-Up System	Preventive WR #5766	Outage #3-2	NA	NA	Installed snubber brackets.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - MAY, 1980

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
Mechanical Snubber	Preventive WR #5650	Outage #3-2 LER #80-14/03L-0	NA	NA	Replaced snubber.
3"B" Core Spray System Relief Valve	Corrective WR #6231	Outage #3-2 LER #80-20/03L-0	Seats	Leakage	Lapped seats.
Control Rod Drive G-8 (26-31)	Preventive WR #5343	Outage #3-2	NA	NA	Replaced control rod drive.
Refueling Mono-rail	Preventive WR #5658	Outage #3-2	NA	NA	Replaced solenoid.
Fuel Grapple	Preventive WR #5767	Outage #3-2	NA	NA	Replaced spring.
PSA 10 Mechanical Snubber	Preventive WR #5240	Outage #3-2	NA	NA	Replaced snubber.
Feedwater Check Valve	Corrective WR #5027	Outage #3-2	Bad Valve	Leakage	Repaired valve.
NA 200 L.P.R.M.	Preventive WR #3360	Outage #3-2	NA	NA	Replaced L.P.R.M.
L.P.R.M.'s 24 & 25 B & C	Preventive WR #6394	Outage #3-2	NA	NA	Corrected cable tags - found tags on wrong cable.
Reactor Water Clean-Up Line 1201-8"	Preventive WR #5819	Outage #3-2	NA	NA	Repaired clean-up line.
Main Steam Isolation Valves	Preventive WR #6584	Outage #3-5	NA	NA	Sealed in relay 112A & B.
Flow Converter "B" Power Supply	Preventive WR #5890	Outage #3-5	NA	NA	Replaced power supply.

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - MAY, 1980

EQUIPMENT	NATURE OF MAINTENANCE	LER OR OUTAGE NUMBER	MALFUNCTION		CORRECTIVE ACTION
			CAUSE	RESULT	
T.I.P. System	Preventive WR #4724	Outage #3-5	NA	NA	Replaced tubing.
"D" Electromatic Relief Valve	Preventive WR #6483	Outage #3-4	NA	NA	Adjusted electromatic operator.
"C" Electromatic Relief Valve	Preventive WR #6484	Outage #3-4	NA	NA	Adjusted electromatic operator.
"E" Electromatic Relief Valve	Preventive WR #6482	Outage #3-4	NA	NA	Adjusted electromatic operator.
Electromatic Relief Valves	Preventive WR #4054	Outage #3-4	NA	NA	Repaired, cleaned & lubricated as necessary.
Target Rock Valve	Corrective WR #6140	Outage #3-4	Bad Solenoid Valve	Leakage	Replaced solenoid.
Electromatic Relief Valves	Preventive WR #4515	Outage #3-4	NA	NA	Checked voltage.
3"B" Electromatic Relief Valve	Preventive WR #6374	Outage #3-4	NA	NA	Tested switches - operated properly.
"E" T.I.P. Ball Valve	Preventive WR #6264	Outage #3-4	NA	NA	Replaced micro-switch.
Refueling Grapple	Preventive WR #5864	Outage #3-5	NA	NA	Removed limit switch arms & replaced limit switch arms.
4 KV Breakers	Preventive WR #1197	Outage #3-4	NA	NA	Performed inspection.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

MAY, 1980

5-1 to 5-3 Unit Three began the reporting period shut down for a refueling outage.

5-3 to 5-5 The Unit was placed on the system at 0707, but a Hi #6 bearing vibration resulted in a turbine trip at 0742. The Unit returned to service at 1418 but tripped at 1806 due to a 3 "B" moisture separator tank Hi Hi level. The Unit was again placed on line at 1923 on May 3 and continued operating until it scrammed on a spurious reactor low level signal on May 5 at 1033, due to an inadvertent jarring of an instrument rack by a contractor.

5-5 to 5-15 The Unit was back on line at 2000 and continued operating until taken off line on May 15 at 2322 to repair on EHC oil leak.

5-16 to 5-17 The Unit was placed on the system at 0900 on May 16 but taken off line again to repair an EHC oil leak at 1900 and returned to service on May 17 at 0013.

5-17 to 5-25 The Unit was taken off system at 0430 because of a stuck open control valve on the turbine. The Unit was returned to service at 2003 on May 17 and remained on line until the turbine tripped on 3 "C" moisture separator Hi Hi level and subsequent scram on turbine stop valve closure at 0906 on May 25.

5-25 to 5-30 The Unit was returned to service at 1825 and remained on line for the remainder of the month at an average power level of 592 MWe, with a capacity factor of 67% for the entire month.