

OPERATING DATA REPORT

DOCKET NO. 050-237

DATE August 3, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

| |
|-------|
| NOTES |
|-------|

1. Unit Name: Dresden II
2. Reporting Period: July, 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: 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>5111</u> | <u>124,631</u> |
| 12. Number of Hours Reactor Was Critical | <u>720.9</u> | <u>4923.3</u> | <u>97,147.8</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours Generator On-Line | <u>700.8</u> | <u>4821.3</u> | <u>95,727.3</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>1,454,064</u> | <u>11,312,560</u> | <u>188,007,196</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>457,957</u> | <u>3,663,974</u> | <u>60,166,173</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>431,759</u> | <u>3,475,843</u> | <u>56,864,107</u> |
| 19. Unit Service Factor | <u>94.19</u> | <u>94.33</u> | <u>76.81</u> |
| 20. Unit Availability Factor | <u>94.19</u> | <u>94.33</u> | <u>76.81</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>75.17</u> | <u>88.09</u> | <u>59.10</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>73.09</u> | <u>85.65</u> | <u>57.46</u> |
| 23. Unit Forced Outage Rate | <u>5.81</u> | <u>5.67</u> | <u>11.38</u> |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>September 3, 1983 for refuel; @ 12 weeks.</u> | | | |

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

OPERATING DATA REPORT

DOCKET NO. 050-249

DATE August 3, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE (815) 942-2920

OPERATING STATUS

NOTES

1. Unit Name: Dresden III
2. Reporting Period: July, 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): 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>5111</u> | <u>114,216</u> |
| 12. Number of Hours Reactor Was Critical | <u>254.1</u> | <u>580.2</u> | <u>83,425.2</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 14. Hours Generator On-Line | <u>186.2</u> | <u>186.2</u> | <u>80,047.4</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWH) | <u>248,593</u> | <u>248,593</u> | <u>160,209,691</u> |
| 17. Gross Electrical Energy Generated (MWH) | <u>74,541</u> | <u>74,541</u> | <u>52,027,460</u> |
| 18. Net Electrical Energy Generated (MWH) | <u>64,412</u> | <u>34,559</u> | <u>49,265,143</u> |
| 19. Unit Service Factor | <u>24.03</u> | <u>3.64</u> | <u>70.08</u> |
| 20. Unit Availability Factor | <u>25.03</u> | <u>3.64</u> | <u>70.08</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>11.20</u> | <u>0.87</u> | <u>55.80</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>10.90</u> | <u>0.85</u> | <u>54.32</u> |
| 23. Unit Forced Outage Rate | <u>0.0</u> | <u>0.0</u> | <u>12.64</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: N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-237
 UNIT NAME Dresden II
 DATE August 3, 1984
 COMPLETED BY B. A. Schroeder
 TELEPHONE (815) 942-2920

REPORT MONTH JULY, 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 |
|-----|---------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 3 | 84-7-9 | F | 21.01 | G | 3 | -- | -- | -- | While performing surveillances the Instrument Mechanic improperly performed the required surveillance test. Action discussed with mechanic. |
| 4 | 84-7-22 | F | 19.28 | G | 3 | -- | -- | -- | Unit 3 RO requested that a recirculation valve on the EHC operator opened. The Operator opened the valve on Unit 2 by mistake. Action discussed with Operator. |

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. 050-249
 UNIT NAME Dresden III
 DATE August 3, 1984
 COMPLETED BY B. A. Schroeder
 TELEPHONE (815) 942-2920

REPORT MONTH JULY, 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 |
|-----|---------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 8 | 83-9-30 | S | 557.2 | C | 1 | -- | -- | -- | Main Turbine repair. |

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 August 3, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH JULY, 1984

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 293 | 17 | 762 |
| 2 | 624 | 18 | 729 |
| 3 | 747 | 19 | 758 |
| 4 | 751 | 20 | 760 |
| 5 | 758 | 21 | 749 |
| 6 | 766 | 22 | 522 |
| 7 | 769 | 23 | 79 |
| 8 | 704 | 24 | 330 |
| 9 | 287 | 25 | 328 |
| 10 | 273 | 26 | 453 |
| 11 | 635 | 27 | 354 |
| 12 | 739 | 28 | 344 |
| 13 | 742 | 29 | 399 |
| 14 | 743 | 30 | 665 |
| 15 | 627 | 31 | 748 |
| 16 | 724 | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-149

UNIT III

DATE August 3, 1984

COMPLETED BY B. A. Schroeder

TELEPHONE 815/942-2920

MONTH JULY, 1984

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 76 |
| 25 | 121 |
| 26 | 173 |
| 27 | 367 |
| 28 | 273 |
| 29 | 589 |
| 30 | 599 |
| 31 | 631 |

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|-----------------------------------|------------------------|----------------------|-------------|--------|--|
| | | | CAUSE | RESULT | |
| D-2 Diesel Generator, EPN #2-6601 | Preventive W.R. #34501 | --- | N/A | N/A | Removed valve between air regulator and gauge. |
| #2 Diesel Generator | Preventive W.R. #34718 | --- | N/A | N/A | Performed quarterly inspection. |
| Accum. 54-23, EPN #2-0305-138 | Preventive W.R. #34478 | --- | N/A | N/A | Installed new ball and o-ring. Inspected internals. |
| CRE Accum. 22-35 | Preventive W.R. #34558 | --- | N/A | N/A | Repacked valve. |
| 2B LPCI Heat Exchanger | Preventive W.R. #35615 | --- | N/A | N/A | Adjusted 3 nuts to a full nut adjustment. |
| LPRM 40-33, 4B | Preventive W.R. #34051 | --- | N/A | N/A | Ran detector plateau. |
| HPCI 5 Valve | Preventive W.R. #33786 | --- | N/A | N/A | Installed missing cover bolts. |
| Pressure Suppression Piping | Preventive W.R. #34970 | --- | N/A | N/A | Prepared welds for ultrasonic examination by grinding (flap) weld crowns. |
| LPRM 16-49A (2) | Preventive W.R. #32497 | --- | N/A | N/A | Investigated LPRM sporadic operation problem. Found and repaired bad connection. |
| Snubbers PSA-10 | Preventive W.R. #26071 | --- | N/A | N/A | Disassembled snubbers per work package to investigate cause of failure. |

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1983

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|--|
| | | | CAUSE | RESULT | |
| Refuel Grapple | Preventive W.R. #34522 | --- | N/A | N/A | Installed new control switch. |
| Refuel Grapple | Preventive W.R. #33522 | --- | N/A | N/A | Adjusted track limit switch for proper operation. |
| D-3 125V Battery Charger 3A | Preventive W.R. #34261 | --- | N/A | N/A | Adjusted equalizer voltage and recalibrated panel meter with certified fluke. |
| Relay AQ590-104A | Preventive W.R. #33451 | --- | N/A | N/A | Repaired wire and tested. |
| 3-1501-27A | Preventive W.R. #34785 | --- | N/A | N/A | Verified and adjusted proper torque settings. |
| D3 "A" LPCI Heat Exchanger, EPN #3-A-1503 | Preventive W.R. #35610 | --- | N/A | N/A | Adjusted nut on stud for full thread engagement on nut. |
| Condenser Low Vacuum and MSIV Closure Bypass Relays | Preventive W.R. #35245 | --- | N/A | N/A | Installed and removed jumper blocks. |
| SRM In/Out Lights | Preventive W.R. #34440 | --- | N/A | N/A | Investigated the SRM position indication malfunction. Recently installed modification of new relays and wiring was removed to permit proper operation of position indication lights. |

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|---|
| | | | CAUSE | RESULT | |
| D-3 Vacuum Breakers, EPN #3-1601-32A thru F | Preventive W.R. #33604 | --- | N/A | N/A | Inspected valve internals and repacked all (12) vacuum breakers. |
| Refuel Grapple | Preventive W.R. #34524 | --- | N/A | N/A | Adjusted track switch for proper operation. |
| Replacement LPRMs | Preventive W.R. #29712 | --- | N/A | N/A | Performed LPRM - insulation resistance and breakdown checks. |
| LPRMs | Preventive W.R. #31178 | --- | N/A | N/A | Removed 10 LPRMs and installed 10 new LPRMs. |
| Reactor Manual Control Timer System | Preventive W.R. #34698 | --- | N/A | N/A | Replaced 120 and 122 solenoid. |
| Steamline Drain Isolation Valve | Preventive W.R. #34776 | --- | N/A | N/A | Replaced auxiliary contact on right side. |
| Pressure Suppression AO Valve 3-1601-22 | Preventive W.R. #30665 | --- | N/A | N/A | Adjusted pressure switch for proper operation. |
| LPRM Card | Preventive W.R. #34872 | --- | N/A | N/A | Replaced components required and completed checkout of LPRM card. |
| Reactor Bldg. Supply Valve | Preventive W.R. #31093 | --- | N/A | N/A | Replaced solenoid valve. |

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|---|
| | | | CAUSE | RESULT | |
| Air Inlet Flow Converter-Air Supply for ACAD E/P 3-2541-17B | Preventive W.R. #29898 | --- | N/A | N/A | Replaced tubing to E/P 3-2540-17B leak. Checked ok. |
| 3E Electromatic, EPN #3-203E | Preventive W.R. #27901 | --- | N/A | N/A | Replaced electromatic pilot valve. |
| ADS "AS" Relay 287-115C | Preventive W.R. #34452 | --- | N/A | N/A | Replaced relay. |
| MO3-1501-38A | Preventive W.R. #34995 | --- | N/A | N/A | Replaced bad light socket. |
| 3C Electromatic Relief Valve Control | Preventive W.R. #34327 | --- | N/A | N/A | Removed operator. |
| Torus to Drywell Vacuum Breaker | Preventive W.R. #35274 | --- | N/A | N/A | Repaired relay. |
| MO3-2301-6 Local Switching Station | Preventive W.R. #34984 | --- | N/A | N/A | Cleaned and tightened connections on light socket. |
| HPCI Motor Speed Changer | Preventive W.R. #34312 | --- | N/A | N/A | Repaired limit switch. |

DPESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|--|------------------------|----------------------|-------------|--------|---|
| | | | CAUSE | RESULT | |
| U-3 "E" Safety Valve, EPN #203-3E | Preventive W.R. #34022 | --- | N/A | N/A | Replaced sealtite on "E" safety valve. |
| RBCCW Supply Valve to Drywell | Preventive W.R. #33347 | --- | N/A | N/A | Installed and tightened bolts. |
| D-3 24/48 VDC Bottom "B" Charger | Preventive W.R. #33574 | --- | N/A | N/A | Adjusted to 27 volts. |
| SRM Discriminator Curves, EPN #0700 | Preventive W.R. #30722 | --- | N/A | N/A | Performed SRM discriminator curves and adjusted DC voltage as needed. |
| HPCI System | Preventive W.R. #34647 | --- | N/A | N/A | Adjusted limit switch linkage to correct reset problem. |
| 3-1001-2A 3A SDC Pump Suction Valve | Preventive W.R. #33305 | --- | N/A | N/A | Corrected the open/close torque setting to permit proper valve operation. |
| Rx Bldg. Vacuum Breaker, EPN #3-1601-20B | Preventive W.R. #33991 | --- | N/A | N/A | Investigated and corrected valve closing problem. |
| "A" ATWS Inverter | Preventive W.R. #34796 | --- | N/A | N/A | Investigated high temperature problem. Found wrong fan installed. Will be replaced. |

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|--|
| | | | CAUSE | RESULT | |
| IRM Channel High High or Inoperable Alarm | Preventive W.R. #34752 | --- | N/A | N/A | Investigated IRM Channel A alarm problem - No problem found. |
| MO 3-2301-3 | Preventive W.R. #33061 | --- | N/A | N/A | Repaired broken sealtite by installing new fittings. |
| Reactor Bldg. Return Valve, EPN #3B-5742 | Preventive W.R. #31091 | --- | N/A | N/A | Replaced solenoid. |
| Reactor Bldg. Return Valve, EPN #3A-5742 | Preventive W.R. #31092 | --- | N/A | N/A | Replaced solenoid. |
| HFA Relays | Preventive W.R. #30709 | --- | N/A | N/A | Replaced cracked relay covers with new ones. |
| Pannels 903-15 and 903-17 RPS HFA Relays | Preventive W.R. #30924 | --- | N/A | N/A | Replaced cracked covers on relays with new ones. |
| 3B LPCI Heat Exchanger | Preventive W.R. #34926 | --- | N/A | N/A | Removed heads - found no leaks and installed new heads. |
| D-3 CRDs | Preventive W.R. #27876 | --- | N/A | N/A | Leak tested CRDs per procedure DMP 300-11. |
| "A" Recirculation Pump Switch, EPN #3-261-35C | Preventive W.R. #34442 | --- | N/A | N/A | Repaired and tested switch. |

DRESDEN UNIT 3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|---|
| | | | CAUSE | RESULT | |
| Hi Upscale GRI LPRM 40-09D | Preventive W.R. #34536 | --- | N/A | N/A | Adjusted LPRM. |
| LPRM 08-25B | Preventive W.R. #34388 | --- | N/A | N/A | Replaced Q8 and G4 on LPRM card. |
| LPCI System Flow Indicator, EPN #3-1540-11A | Preventive W.R. #33694 | --- | N/A | N/A | Investigated and repaired faulty connectors on flow instrumentation. |
| "D" MSL Rad. Monitor, EPN #3-1705-2D | Preventive W.R. #34262 | --- | N/A | N/A | Replaced rad. monitor with spare monitor. Tested for proper operation. |
| Power Supply APRM "B" Flow Converter | Preventive W.R. #34284 | --- | N/A | N/A | Replaced defective diodes and adjusted voltage. Checked for proper operation of flow converter. |
| LPRM 48-33C | Preventive W.R. #34563 | --- | N/A | N/A | Readjusted gain and LPRM per work package. |
| Bad LPRM Down Scale Set Points | Preventive W.R. #34428 | --- | N/A | N/A | Reset downscale trip set points. |
| U-3 Accumulator Hi Water Alarm (18-11) | Preventive W.R. #34603 | --- | N/A | N/A | Cleaned and reinstalled alarm. |

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|---|------------------------|----------------------|-------------|--------|--|
| | | | CAUSE | RESULT | |
| Rx Bldg. Crane | Preventive W.R. #30193 | --- | N/A | N/A | Adjusted upper limit. |
| Spare Diesel Generator Surge Suppressors | Preventive W.R. #27268 | --- | N/A | N/A | Repaired 7 spare rectifier assemblies. |
| IRM Monitor | Preventive W.R. #33207 | --- | N/A | N/A | Repaired and calibrated spare IRM monitor. |
| TN-9 Spent Fuel Cask | Preventive W.R. #34862 | --- | N/A | N/A | Inspected, repaired and replaced parts of the TN-9 cask. |
| Spare IRM Detectors | Preventive W.R. #31816 | --- | N/A | N/A | Removed kinks from two spare IRM detectors. |
| 2/3 SBT Restraint | Preventive W.R. #34242 | --- | N/A | N/A | Removed and replaced restraint. |
| 2/3 SBT Restraint | Preventive W.R. #35073 | --- | N/A | N/A | Removed and replaced pipe restraint. |
| (Quad Cities Spare) Rx Safety Valve S/N Breaker 6249 | Preventive W.R. #33766 | --- | N/A | N/A | Disassembled, lapped and tested valve. |
| Storeroom Spare Diesel Generator Crank Case Pressure Switch | Preventive W.R. #34527 | --- | N/A | N/A | Calibrated/tested spare switch and returned to Stores. |

DRESDEN UNIT 2/3

SAFETY RELATED MAINTENANCE - JULY, 1984

| EQUIPMENT | NATURE OF MAINTENANCE | LER OR OUTAGE NUMBER | MALFUNCTION | | CORRECTIVE ACTION |
|----------------------------------|------------------------|----------------------|-------------|--------|--|
| | | | CAUSE | RESULT | |
| U-2/3 Safety Related HFA Relays | Preventive W.R. #35049 | --- | N/A | N/A | Checked relays for deterioration per I.E. Bulletin 84-02. Wrote additional Work Requests for defective relays (2). |
| IRMs | Preventive W.R. #33407 | --- | N/A | N/A | Checked all IRMs for proper fuse amperage. Replaced two improperly sized fuses. |
| Barton 368 Transmitter Amplifier | Preventive W.R. #29693 | --- | N/A | N/A | Rebuilt and tested spare transmitter. |

SUMMARY OF OPERATING EXPERIENCE

UNIT ONE

JULY, 1984

The status of Unit 1 remains shutdown with all fuel removed. The environment and equipment continues to be maintained as needed.

Last month it was reported that the activities for chemical cleaning have increased. The defective discharge outlet on the concentration recirculation pump has been repaired and is operational again.

During the last few days of the period a "Mock Run" was performed. This included pressurizing and heating of the Unit 1 reactor and piping. The purpose of the test was to determine the integrity of all involved systems and operator competence.

A small number of flange leaks were noted during the test which will necessitate a delay in the actual chemical cleaning. It is expected that by early August the long awaited chemical cleaning project will be in operation.

SUMMARY OF OPERATING EXPERIENCE

UNIT TWO

JULY, 1984

07-01 to 07-09 Unit 2 was in the process of being put on-line at the end of the last reporting period. At 0246 hours (7-1-84) Unit 2 was again on-line. Normal ramp rates and procedures were followed and by the 3rd of July the power output was over 800 MWe.

On the 9th during normal operation, while performing surveillance tests, an Instrument Mechanic improperly performed the steam line high radiation monitor test which caused the plant to scram. All safety systems performed as designed. A startup was then initiated to recover the Unit.

07-10 to 07-22 The unit operated continuously during this period (with normal power reductions on weekends for surveillances) until the 22nd of July. The Unit 3 RO requested that a recirculation valve on the EHC system be opened. The operator opened the valve on Unit 2 by mistake which resulted in a Unit 2 scram. All systems performed as designed.

07-23 to 07-31 A startup was initiated to again recover the unit, however, problems developed with the reactor feed pumps (RFP). The seal on one pump developed a leak while the other received damage due to a leaking discharge check valve (pump turning backwards). This left only one operational RFP and restricted the power level to about 350 MWe.

By the 29th a second RFP became available and unit power level was increased (at designed ramp rates) until at the close of this period the unit was once again above 800 MWe.

The unit achieved a capacity factor of 73.81% and an availability of 94.18%.

SUMMARY OF OPERATING EXPERIENCE

UNIT THREE

JULY, 1984

07-01 to 07-24 The final work on the main turbine was completed during this period. The long awaited startup was commenced with criticality being achieved by the 21st. However, on the 22nd the reactor scrammed due to MSIV closure with greater than 600 pounds reactor pressure. After the scram was reset, the unit was again prepared for startup and by the afternoon the unit was critical.

Unit heat-up continued along with turbine warm-up. After initial turbine rolls and instrument checks, the turbine was synchronized to the grid. A loud "hurrah" was then heard in the Control Room which meant the official end to a long outage that began September 30, 1983. The turbine performed as expected.

07-25 to 07-31 A 150 MWe level was established on the unit by adjusting control rods. This allowed for tests, i.e. scram testing to be performed which is required at the end of each refueling outage. By months end the unit was operating at 680 MWe but was limited due to condensate demineralizer differential pressure.

The unit achieved a capacity factor of 12.04% and an availability of 25.03%

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.

| <u>Unit</u> | <u>Date</u> | <u>Valves Actuated</u> | <u>Actuations</u> | <u>Conditions</u> | <u>Description of Events</u> |
|-------------|----------------------|----------------------------|-------------------|-------------------|----------------------------------|
| 1 | 07-01-84 to 07-31-84 | None | | | |
| 2 | " " | None | | | |
| 3 | " " | None | | | |



Commonwealth Edison

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

August 3, 1984

DJS LTR: 84-766

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

IE-2.4
11