

VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 85-08

APPROVED BY: JL Renson
STATION MANAGER

8511180787 850831
PDR ADOCK 05000280
R PDR

IE24
11

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OPERATING DATA REPORT

FEB 02 1984

DOCKET NO. S0-280
DATE 09-05-85
COMPLETED BY V. Jones
TELEPHONE (804)357-3184

OPERATING STATUS

| | |
|---|-------------|
| 1. Unit Name: <u>Surry 1</u> | Notes _____ |
| 2. Reporting Period: <u>August 31, 1985</u> | |
| 3. Licensed Thermal Power (Mwt): <u>2441</u> | |
| 4. Nameplate Rating (Gross MWe): <u>847.5</u> | |
| 5. Design Electrical Rating (Net MWe): <u>788</u> | |
| 6. Maximum Dependable Capacity (Gross MWe): <u>820</u> | |
| 7. Maximum Dependable Capacity (Net MWe): <u>781</u> | |
| 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: <u>NA</u> | |

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

| | This Month | Yr.-to-Date | Cummulative |
|--|-----------------|-------------------|--------------------|
| 11. Hours In Reporting Period | <u>744.0</u> | <u>5831.0</u> | <u>111263.0</u> |
| 12. Number of Hours Reactor Was Critical | <u>379.5</u> | <u>5051.3</u> | <u>69428.0</u> |
| 13. Reactor Reserve Shutdown Hours | <u>0.0</u> | <u>0</u> | <u>3774.5</u> |
| 14. Hours Generator On-Line | <u>327.8</u> | <u>4959.1</u> | <u>67968.2</u> |
| 15. Unit Reserve Shutdown Hours | <u>0.0</u> | <u>0</u> | <u>3736.2</u> |
| 16. Gross Thermal Energy Generated (MWE) | <u>639735.2</u> | <u>11354664.9</u> | <u>157368842.0</u> |
| 17. Gross Electrical Energy Generated (MWE) | <u>205590.0</u> | <u>3766270.0</u> | <u>50618233.0</u> |
| 18. Net Electrical Energy Generated (MWE) | <u>193141.0</u> | <u>3577125.0</u> | <u>47988969.0</u> |
| 19. Unit Service Factor | <u>44.1%</u> | <u>85.1%</u> | <u>61.1%</u> |
| 20. Unit Available Factor | <u>44.1%</u> | <u>85.1%</u> | <u>64.4%</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>33.2%</u> | <u>78.5%</u> | <u>55.2%</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>32.9%</u> | <u>77.9%</u> | <u>54.7%</u> |
| 23. Unit Forced Rate | <u>55.9%</u> | <u>9.6%</u> | <u>19.7%</u> |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): | | | |

25. If Shut Down At End Of Report Period Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

FEB 02 1984

DOCKET NO. S0-281

DATE 09-03-85

COMPLETED BY V. Jones

TELEPHONE (804)357-3184

OPERATING STATUS

1. Unit Name: Surry 2 Notes _____

2. Reporting Period: August 31, 1985

3. Licensed Thermal Power (Mwt): 2441

4. Nameplate Rating (Gross MWe): 847.5

5. Design Electrical Rating (Net MWe): 788

6. Maximum Dependable Capacity (Gross MWe): 811

7. Maximum Dependable Capacity (Net MWe): 775

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reasons For Restrictions, If Any: _____

| | This Month | Yr.-to-Date | Cummulative |
|---|------------|-------------|-------------|
| 11. Hours In Reporting Period | 744.0 | 5831.0 | 108143.0 |
| 12. Number of Hours Reactor Was Critical | 744.0 | 3462.9 | 69469.1 |
| 13. Reactor Reserve Shutdown Hours | 0.0 | 0 | 328.1 |
| 14. Hours Generator On-Line | 744.0 | 3390.5 | 68298.1 |
| 15. Unit Reserve Shutdown Hours | 0.0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWE) | 1775663.9 | 7478948.1 | 159477353.4 |
| 17. Gross Electrical Energy Generated (MWE) | 575255.0 | 2388945.0 | 51679419.0 |
| 18. Net Electrical Energy Generated (MWE) | 546375.0 | 2260302.0 | 48976744.0 |
| 19. Unit Service Factor | 100% | 58.1% | 63.2% |
| 20. Unit Available Factor | 100% | 58.1% | 63.2% |
| 21. Unit Capacity Factor (Using MDC Net) | 94.8% | 50.0% | 58.4% |
| 22. Unit Capacity Factor (Using DER Net) | 93.2% | 49.2% | 57.5% |
| 23. Unit Forced Rate | 0 | .4% | 13.9% |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Snubber/Maintenance - 10-11-85 - 10 days</u> | | | |

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

26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved

INITIAL CRITICALITY _____

INITIAL ELECTRICITY _____

COMMERCIAL OPERATION _____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. SO-280
 UNIT NAME Surry 1
 DATE 09-05-85
 COMPLETED BY V. H. Jones
 TELEPHONE (804)357-3184

REPORT MONTH Aug. 1985

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ³ | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-------|----------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 85-11 | 08-04-85 | F | 416.2 | G | 3 | 85-015 | | | Reactor trip caused was RCS "A" Loop low flow signal to Rx trip circuitry. The signal was caused by operator bumping flow sensing lines in loop room. No corrective action needed. |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 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 (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1985

DOCKET NO. SO-281
 UNIT NAME Surry 2
 DATE 09-05-85
 COMPLETED BY V. H. Jones
 TELEPHONE (804)357-3184

| 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 |
|------|----------|-------------------|---------------------|---------------------|--|-------------------------------|-----------------------------|--------------------------------|---|
| 85-5 | 08-02-85 | S | 0.0 | H | | | | | Unit was reduced to 70% power, 600MW's to allow removal and return to service of "2A" polisher. |
| 85-6 | 08-13-85 | F | 0.0 | A | | | | | Turbine runback to 59% power 390MW's, caused by NIS dropped rod signal from Channel I due to a loss of vital bus I which was lost because of a loss of 2 H1-bus. Cause of bus loss has not been determined. |

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 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 (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO. 1MONTH: August, 1985

| <u>DATE</u> | <u>TIME</u> | <u>HOURS</u> | <u>LOAD, MW</u> | <u>REDUCTIONS, MW</u> | <u>MWH</u> | <u>REASON</u> |
|------------------------------------|-------------|--------------|-----------------|-----------------------|------------|---------------|
| None during this reporting period. | | | | | | |
| MONTHLY TOTAL | | | | | | |

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO. 2MONTH: August, 1985

| <u>DATE</u> | <u>TIME</u> | <u>HOURS</u> | <u>LOAD, MW</u> | <u>REDUCTIONS, MW</u> | <u>MWH</u> | <u>REASON</u> |
|------------------------------------|-------------|--------------|-----------------|-----------------------|------------|---------------|
| None during this reporting period. | | | | | | |
| MONTHLY TOTAL | | | | | | |

VEPLD AVERAGE DAILY UNIT POWER LEVEL

SURREY POWER STATION

REPORTING MONTH - AUGUST 1985

DUCKET NO. 50-280

DUCKET NO. 50-281

DATE AUGUST 1985

COMPLETED BY V. JONES

UNIT ONE

| DAY | AVERAGE DAILY POWER LEVEL -MWE-NET- |
|-----|--|
| 1 | 745.6 |
| 2 | 751.1 |
| 3 | 751.3 |
| 4 | 635.4 |
| 5 | 0.0 |
| 6 | 0.0 |
| 7 | 0.0 |
| 8 | 0.0 |
| 9 | 0.0 |
| 10 | 0.0 |
| 11 | 0.0 |
| 12 | 0.0 |
| 13 | 0.0 |
| 14 | 0.0 |
| 15 | 0.0 |
| 16 | 0.0 |
| 17 | 0.0 |
| 18 | 0.0 |
| 19 | 0.0 |
| 20 | 0.0 |
| 21 | 0.0 |
| 22 | 119.6 |
| 23 | 169.1 |
| 24 | 215.6 |
| 25 | 401.1 |
| 26 | 612.9 |
| 27 | 677.9 |
| 28 | 728.7 |
| 29 | 735.4 |
| 30 | 750.7 |
| 31 | 753.2 |

UNIT TWO

| AVERAGE DAILY POWER LEVEL -MWE-NET- |
|--|
| 734.7 |
| 739.1 |
| 707.9 |
| 719.0 |
| 734.9 |
| 750.8 |
| 740.8 |
| 750.6 |
| 732.6 |
| 709.2 |
| 745.3 |
| 746.1 |
| 446.4 |
| 739.8 |
| 746.9 |
| 745.5 |
| 758.0 |
| 761.8 |
| 755.9 |
| 741.6 |
| 753.4 |
| 754.4 |
| 753.3 |
| 753.3 |
| 754.0 |
| 746.2 |
| 745.9 |
| 751.0 |
| 747.5 |
| 747.8 |
| 750.0 |

SUMMARY OF OPERATING EXPERIENCEMONTH/YEAR AUGUST, 1985

Listed below in chronological sequence by unit is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT 1

| | | |
|----------|------|--|
| 08-01-85 | 0000 | This reporting period begins with the unit at 100% power, 790 MW's. |
| 08-04-85 | 2020 | Reactor trip, caused by RCS loop "A" low flow signal to reactor trip circuitry. The signal was caused by operator bumping flow sensing lines in loop room. |
| 08-05-85 | 0552 | Reactor critical |
| 08-06-85 | 0311 | Reactor shutdown. Taking unit to cold shutdown for repair of 1-SI-243. |
| | 0748 | Commenced plant cool down |
| | 1940 | RCS < 350°F/450 psig |
| 08-07-85 | 0555 | RCS < 200°F |
| 08-10-85 | 1235 | RCS at mid-nozzle |
| 08-12-85 | 0705 | Commenced RCS fill and vent |
| 08-16-85 | 1030 | Completed RCS fill and vent |
| 08-19-85 | 0748 | RCS > 200°F |
| | 1900 | RCS > 350°F/450 psig |
| 08-20-85 | 2209 | Reactor critical |
| | 2230 | Holding power at 2% for secondary chemistry |
| 08-22-85 | 0428 | Generator on the line |
| | 0510 | Holding power at 30%, 165 MW's for secondary chemistry. |
| 08-24-85 | 1313 | Commenced power increase at 3%/hr. |
| | 1617 | Holding power at 41%, 285 MW's for system operator. |
| 08-25-85 | 0700 | Commenced power increase at 5%/hr. |
| | 1345 | Holding power at 70%, 525 MW's for flux mapping and excore calibration. |
| 08-26-85 | 0445 | Commenced power increase at 5%/hr. |
| | 0750 | Holding power at 85%, 670 MW's for high polishing building differential pressure |

SUMMARY OF OPERATING EXPERIENCEMONTH/YEAR AUGUST, 1985

Listed below in chronological sequence by unit is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT 1 (Continued)

| | | |
|----------|------|---|
| | 1624 | Commenced power increase at 5%/hr. |
| | 1736 | Holding power at 90%, 720 MW's for high polishing building differential pressure. |
| 08-27-85 | 2218 | Commenced power increase at 5%/hr. |
| 08-28-85 | 0100 | Unit at 100%, 775 MW's |
| | 1726 | Reducing power for waterbox cleaning |
| | 1800 | Holding power at 92%, 710 MW's |
| | 1903 | Commenced power increase at 5%/hr. |
| | 2034 | Unit at 100% power, 790 MW's |
| 08-31-85 | 2400 | This reporting period ends with the unit at 100% power, 790 MW's |

SUMMARY OF OPERATING EXPERIENCEMONTH/YEAR AUGUST, 1985

Listed below in chronological sequence by unit is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT 2

| | | |
|----------|------|--|
| 08-01-85 | 0000 | This reporting period begins with the unit at 99% power, 770 MW's holding due to OTΔT Channel I setpoint |
| 08-02-85 | 2315 | Commenced power reduction to allow removal and return to service of "2A" polisher |
| 08-03-85 | 0217 | Holding power at 76%, 600 MW's |
| | 0445 | Commenced power increase at 150 MW/hr. |
| | 0719 | Unit at 100%, 785 MW's |
| | 0233 | Commenced power reduction to repair 2-SD-P-2B |
| | 0241 | Holding power at 96%, 760 MW's |
| 08-05-85 | 0702 | Commenced power increase at 150 MW/hr. |
| | 0900 | Unit at 100% power, 785 MW's |
| 08-09-85 | 2150 | Commenced power reduction to allow removal of "A" water box for cleaning |
| | 2320 | Holding power at 81%, 620 MW's |
| 08-10-85 | 0330 | Commenced power increase at 150 MW/hr |
| | 1015 | Holding power at 99%, 790 MW's, due to OTΔT Channel I runback alarm. |
| 08-12-85 | 1815 | Unit at 100%, 785 MW's |
| 08-13-85 | 0116 | Turbine runback to 59% power, 390 MW's following loss of 480V Emerg. Bus. MCC |
| | 0200 | Power reduced to 50%, 305 MW's, due to condenser vacuum problems |
| | 1520 | Commenced power increase at 150 MW/hr |
| | 2125 | Unit at 100% power, 790 MW's |
| 08-31-85 | 2400 | This reporting period ends with the unit at 100% power, 790MW's |

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

None During This Reporting Period

FACILITY CHANGES REQUIRING
NRC APPROVAL

None during this reporting period.

FACILITY CHANGES THAT DID NOT REQUIRE NRC APPROVALDC 84-64 Appendix R Main Steam Valve ModificationUnit 1

This design change installed a dedicated shutdown system for the Main Steam Isolation Valves (MSIV) that will operate independent of the existing MSIV trip system. This will provide an alternate means of operation in the event of a fire in the Control Room or in the Emergency Switchgear Room as required by 10CFR50, Appendix R.

A design modification to the Power Operated Atmospheric Relief Valves (POARV) installed a Z-position signal isolating control switch in the analog control instrument line from the process racks to each of the electro-pneumatic transducers. This provides two means of preventing spurious opening of the POARV's caused by a fire in the Control Room or Emergency Switchgear Room.

Summary of Safety Analysis

The modification enhances the ability of the operator to maintain steam generator inventory by ensuring positive control of the MSIV's and Steam Generator POARV's in the event of a fire in the Control Room or Emergency Switchgear Room.

DC 84-74 Fuel Pool Transfer Canal Door Storage RackUnit 2

This design change installed a Unit 2 transfer canal gate storage rack to eliminate the need to transfer the gate over spent fuel storage locations. This will allow the use of the ninety storage locations for core off-loading and fuel shuffling.

Summary of Safety Analysis

The modification will not affect any safety related equipment. The UFSAR will be revised to reflect the addition of the Unit 2 canal gate storage rack.

DC 81-114 Charging Pump Component Cooling Water Pump Motor Replacement Unit 1&2

This design change replaced the four charging pump component cooling (CCW) pump motors with motors that are Class IE, environmentally qualified. The pumps were also replaced. With a new pump-motor unit, seismic qualification was performed by the vendor. This assured compliance with IEEE 344-1975. Piping modifications were made upstream and downstream of the charging pump CCW pumps to reduce stress at the pressure indicating gauges and to allow for installation of temperature measurement for the charging pump cooling system.

Summary of Safety Analysis

The piping modifications and the replacement of the charging pump CCW pump and motors does not affect station operators or the operation of safety related equipment. Operation of the system will remain unchanged. The charging pump's mechanical seal heat exchangers will continue to receive the required amount of cooling flow.

FACILITY CHANGES THAT DID NOT REQUIRE NRC APPROVALDC84-08 Appendix R Power SourceUnit 1 & 2

This design change provides an Appendix R Power Source for certain instrumentation at the Remote Monitoring Panels in the Cable Tray Room following a fire in the Control Room, Cable Tunnel, or Cable Vault Emergency Switchgear Rooms.

Summary of Safety Analysis

The modification links the operation of instruments required by Appendix R to the Emergency Power Supply of the other unit. It enhances the availability of reactor parameter indication in the event of a fire.

OTHER CHANGES, TESTS AND EXPERIMENTS

None During This Reporting Period

TESTS AND EXPERIMENTS REQUIRING NRC APPROVAL

NONE THIS REPORTING PERIOD.

TESTS AND EXPERIMENTS THAT DID NOT REQUIRE NRC APPROVAL

NONE DURING THIS REPORTING PERIOD.

VIRGINIA POWER
SURRY POWER STATION
CHEMISTRY REPORT

August 1985

| PRIMARY COOLANT ANALYSIS | UNIT NO. 1 | | | UNIT NO. 2 | | |
|------------------------------------|------------|---------|----------|------------|---------|---------|
| | MAXIMUM | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | AVERAGE |
| Gross Radioact., uCi/ml | 1.43 | 3.29E-2 | 3.90E-1 | 1.38E-1 | 5.12E-2 | 8.60E-2 |
| Suspended Solids, ppm | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gross Tritium, uCi/ml | 5.74E-2 | 2.01E-2 | 4.01E-2 | 2.32E-1 | 1.74E-1 | 2.00E-1 |
| Iodine ¹³¹ , uCi/ml | 1.44 | 1.97E-3 | 3.35E-1 | 6.09E-4 | 1.14E-4 | 1.73E-4 |
| I ¹³¹ /I ¹³¹ | 0.80 | 0.18 | 0.48 | N/A(3) | N/A(3) | N/A(3) |
| Hydrogen, cc/kg | 41.1 | 3.1(1) | 13.0(1) | 40.8 | 27.5 | 31.7 |
| Lithium, ppm | 1.74 | 0.83 | 1.20 | 1.58 | 1.31 | 1.44 |
| Boron-10, ppm* | 350 | 93 | 188 | 175 | 154 | 162 |
| Oxygen, (D.O.), ppm | 2.000(2) | 0.005 | 0.218(2) | 0.005 | 0.005 | 0.005 |
| Chloride, ppm | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| pH @ 25°C | 6.84 | 5.50 | 6.04 | 6.67 | 6.12 | 6.28 |

* Boron-10 = Total Boron x 0.196

REMARKS: Unit 1: Cat Bed placed in service on 8/3, and 8/27 for LiOH removal. LiOH added on 8/4, 8/5, 8/17, 8/20, 8/21, and 8/23 for a total of 3900 gms. (1) Low Hydrogen concentration on minimum and average values due to unit being shut down for maintenance from 8/4 to 8/21. (2) High Oxygen content on maximum and average values is also due to Unit 1 being shutdown. Unit 2: Cat Bed placed in service on 8/20 and 8/29 for LiOH removal. There were no LiOH additions made to Unit 2 in August. (3) There are no values for ¹³¹I / ¹³³I because ¹³¹I was not showing up; values recorded for ¹³¹I were based on minimum detectable concentrations. ¹³¹I / ¹³³I ratio would not be accurate; tests are being conducted to eliminate the problem.

DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED

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None During This Reporting Period.

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE PSAR

None During This Reporting Period.

DESCRIPTION OF PERIODIC TESTS WHICH WERE NOT
COMPLETED WITHIN THE TIME LIMITS
SPECIFIED IN TECHNICAL SPECIFICATIONS

None During This Reporting Period.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

The below listed codes denotes the following departments:

| | | |
|-------------|---|-------------|
| 0228 or R03 | - | Mechanical |
| 0229 or R04 | - | Electrical |
| 0237 or T22 | - | Instruments |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|------------------|-----------|--|--|
| 0237 | 08/05/85 | 01-NI - | -32 | 022679 INVESTIGATE LOSS OF DETECTOR | ADJUSTED LOSS OF DETECTOR VOLTAGE BISTABLE, DRAWER OF SAT, PERFORMED PT 1.1 |
| 0237 | 08/05/85 | 01-NI - | -35 | 022678 ADJUST GAMMA COMP | ADJUSTED COMPENSATION VOLTAGE, DRAWER OF SAT, PERFORMED PT 1.1 |
| 0237 | 08/05/85 | 01-NI - | -36 | 022677 ADJUST GAMMA COMPENSATION | ADJUSTED COMPENSATION VOLTAGE OF SAT, PERFORMED PT 1.1 |
| 0237 | 08/12/85 | 01-CM -VTB -1-3 | 023158 | PANEL SHOWS SIGNS OF POSSIBLE ARCHING: INSPECT FOR CAUSE | INSPECTED INTERNALS OF PANEL/NO SIGNS OF ANY ARCING, THERE IS SOME DISCOLORATION ON THE PANEL COVER |
| 0228 | 08/05/85 | 01-CC -E | -1A | 022369 HEAT EXCHANGER HAS TUBE LEAK | OPENED LARGE AND SMALL MANWAYS, PRESSURIZED SHELL FOUND 5 TO 6 TUBES LEAKING PLUGGED SIX TUBES INSTALLED 3 ZINC PLATES IN EACH END CLOSED MANWAYS TORQUED 280 FT LBS |
| 0228 | 08/05/85 | 01-SW -PCV -101C | 022347 | VERIFY PROPER OPERATION OF VALVE | CHECKED VALVE FOR PROPER OPERATION SAT |
| 0228 | 08/08/85 | 01-DA -TV -100B | 022957 | REGULATOR TO SOV IS BLOWING , NOT PASSING ENOUGH AIR TO STROKE VALVE | CHECKED REGULATOR, NO PROBLEM FOUND, AIR BLOWING THROUGH EXHAUST PORT OF SOV REFERED TO ELECTRICIANS JUMPERED SOV AND VALVE CAME OPEN |
| 0228 | 08/08/85 | 01-SW -PCV -100C | 022456 | VALVE IS BOUND UP | OVERHAULED VALVE |
| 0228 | 08/08/85 | 01-SW -PCV -100C | 022797 | INSPECT VALVE INTERNALS | LOOSENED BODY TO BONNET STUDS, FOUND OUT FROM ENGINEERING THAT THE ATTACHED CERTIFICATION INSPECTION PAPERS WERE ALL THEY NEEDED, WE DIDN'T NEED TO DISASSEMBLE VALVE; REPLACED GAGE |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|---|--|
| 0228 | 08/09/85 | 01-DA -TV -100B | 022948 | VLV. WILL NOT CYCLE | REPLACED SOV ON DA-TV-100B AND TESTED SAT VERIFIED LIGHTS WERE SAT AND OBSERVED THE VALVE AS IT WAS STROKED |
| 0228 | 08/09/85 | 01-LW - -339 | 020071 | REMOVE CHECK VALVE | REMOVED VALVE INTERNALS AND STORED IN BAG TAPED TO VALVE PIPING FOR REINSTALLATION 5/28/85 WR 078513 WRITTEN TO REINSTALL INTERNALS |
| 0228 | 08/09/85 | 01-SW - -332 | 022959 | DISSAMBLE,REPAIR,ASSEMBLE, | INSPECTED VALVE |
| 0228 | 08/10/85 | 01-RC -PP -NA | 023090 | INSTALL STANDPIPE BETWEEN | INSTALLED STANDPIPE |
| 0228 | 08/11/85 | 01-CH -HCV -1310A | 022961 | INTERMEDIATE POSITION | ADJUSTED LIMIT SWITCH ARM TIGHTEN BRACKET VALVE CYCLED SAT |
| 0228 | 08/11/85 | 01-RC -HCV -1557A | 022752 | REPACK | TIGHTENED PACKING OPERATIONS STROKED VALVE SATISFACTORY |
| 0228 | 08/11/85 | 01-RC -HCV -1557C | 022753 | REPACK | TIGHTENED PACKING OPERATIONS STROKED VALVE SATISFACTORY |
| 0228 | 08/12/85 | 01-BD -TV -100F | 020021 | PACKING LEAK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/12/85 | 01-CC -E -1A | 022834 | CC TO SW TUBE LEAK | REMOVED END PLATE ON DISCHARGE, OPENED MANWAY ON INTAKE CLEANED TUBE SHEET FOUND NO LEAKS,MAFED THE SHEET CLEANED OFF OLD GASKET,REPLACED WITH NEW AND CLOSED HEAT EXCHANG |
| 0228 | 08/12/85 | 01-FW - -40 | 022542 | VALVE IS LEAKING BY APPROX. 2 GPM REPLACE VALVE | CUT OFF BAD THREADS ON NIPPLE,RETHREADED PIPE NIPPLE INSTALLED NEW PIPE CAP 3/4" |
| 0228 | 08/12/85 | 01-FW -FCV -1498 | 019600 | FEED REG VALVE DOESN'T START | ASSISTED INST TECHS IN ADJUSTING VALVE TESTED SAT MECH. |
| 0228 | 08/12/85 | 01-FW -MOV -154B | 022887 | PM - ON DEMAND | PERFORMED PMS |
| 0228 | 08/12/85 | 01-MS - -119 | 019743 | PACKING LEAK, BODY TO BONNET LEAK FURMANITE | LUBRICATE GLAND FOLLOWER STUDS AND STEM.TIGHTEN PACKING GLAND FOLLOWER APPROX 3/4 OF ANCH VALVE STILL HAS 1/2" OF FOLLOWER LEFT |
| 0228 | 08/12/85 | 01-MS -TCV -106A | 022695 | BODY TO BONNET LEAK ON BOTTOM FLANGE | REMOVED BOTTOM FLANGE CLEANED SURFACES MACHINED FLANGE SURFACES SMOOTH REINSTALLED FLANGE COVER WITH NEW GASKETS |
| 0228 | 08/12/85 | 01-RC - -100 | 022761 | REPACK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/12/85 | 01-RC - -55 | 023087 | EXCESSIVE FORCE REQUIRED TO CLOSE | ADJUSTED PACKING |
| 0228 | 08/12/85 | 01-RC - -56 | 023122 | ADJUST PACKING | ADJUSTED PACKING |
| 0228 | 08/12/85 | 01-RC - -77 | 022762 | REPACK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/12/85 | 01-RC - -95 | 022760 | REPACK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/12/85 | 01-SI - -337 | 012266 | PACKING LEAK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/12/85 | 01-SI - -340 | 012199 | PACKING LEAK | ADJUSTED PACKING WHILE UNIT IS DOWN |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|--|---|
| | | | | | INDUCTORS (2) 0715541 |
| 0229 | 08/10/85 | 01-EPM-TX -1J1 | 022955 | CHANGE TAP SETTING FROM TAP 1 | CHANGED TAP 8/10/85 CHANGED TAP FROM TAP1 TO TAP 2 TO OBTAIN THE REQUIRED 4056 V |
| 0229 | 08/13/85 | 01-CH -MOV -1275C | 022789 | INSPECT TORQUE SWITCH SETTING | PMS 8/8/85 OBTAINED TORQUE SWITCH SETTINGS 8/8/85 |
| 0229 | 08/13/85 | 01-EPL-INV -1-III | 023027 | PM - ON DEMAND | INSPECTED AND CLEANED INVERTER 8/10/85 |
| 0229 | 08/13/85 | 01-RP -RI -D12 | 022966 | ERRATIC INDICATION ON D-12 | CHECKED PLUG AT HEAD AND FLOORBOX PLUGS AND SOCKETS OK, READINGS TAKEN AFTER RECONNECTING THE PLUGS PRIMARY 40.9 SECONDARY 50.4 |
| 0229 | 08/13/85 | 01-RP -RI -N-9 | 013998 | ERRATIC INDICATION ON N-9 | PRIMARY 40.6 SECONDARY 49.7 SQC-602 FOUND NO PROBLEM WITH READING OF N-9 RPI CHECKED PLUG AT HEAD AND FLOOR BOX, READINGS TAKEN AFTER RECONNECTING PLUGS: PRI 40.8 SEC 49.8 |
| 0229 | 08/13/85 | 01-RS -P -1A | 016207 | LIGHT IS ON WITH PUMP OFF, | OPS PERFORMED PT.2 SAT ON 8/9/85 LIGHT OPERATION SAT WHEN PUMP WAS RUNNING/LIGHT WENT OFF WHEN PUMP WAS SHUT DOWN, NO PROBLEM WAS FOUND NO ADJUSTMENT WAS MADE |
| 0229 | 08/13/85 | 01-SI -MOV -1863B | 022792 | INSPECT TORQUE SWITCH SETTING | INSPECTION COMPLETE |
| 0229 | 08/14/85 | 01-CW -MOV -100A | 022606 | PM - AUTO SCHEDULE | PERFORMED PMS ON CW-MOV-100A |
| 0229 | 08/14/85 | 01-CW -MOV -100B | 022607 | PM - AUTO SCHEDULE | PERFORMED PMS 8/11/85 |
| 0229 | 08/14/85 | 01-DA -TV -100B | 022939 | ELECT. DISCONNECT/RECONNECT SWITCHES IF REQUIRED BY MECH. MAINT. | LIMITS AND SOV REMOVED 8/10/85 MOUNTED SOV/LIMITS BUT COULD NOT CY CLE VALVE, REINSTALLED STEM SWITCH BECAUSE IT FELL OUT REMOUNTED SOV AND LIMIT SWITCHES CYCLED SAT |
| 0229 | 08/14/85 | 01-FW -MOV -151D | 022962 | BKR TRIPPED OFF WHILE CYCLING | WORKED WITH OPS AND CYCLED VALVE SAT NO PROBLEMS FOUND. OPEN 2.5 AMPS CLOSED 2.5 AMPS |
| 0229 | 08/15/85 | 01-CH -BL -1 | 023159 | SOMETIMES DOES NOT START IN AUTO. | CHECKED CONTACT MAKE-UP ON MAKE-UP MODE SELECTOR AND MADE UP MODE CONTROL SWITCHES, MAKE UP MODE SELEC TOR IN AUTO AND CONTROL SW IN AUTO AFTER START POSITION MUXI RELAY |
| 0229 | 08/15/85 | 01-CH -HTT -2A2 | 013844 | HEAT TRACING 2A2 CKT 29 | FOUND HOT LEAD TO BE GROUNDED CKT 29 HAD A SPARE IN THE BOX, I USED IT IN THE CKT, BREAKER IS WORKI NG AND NOT GROUNDED, MEET TO HAVE HEAT TRACING REPLACED CKT 29 27.5 |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|------------------------|-------------------|--------------|--|---|
| 0228 | 08/13/85 | 01-CH -P -2A | 022666 | ADJUST IMPELLER CLEARANCE AS REQUIRED BY OPS. | REBUILD PUMP ACCORDING MMP-C-G-155 |
| 0228 | 08/13/85 | 01-IA -MISC-NA | 023149 | BAD LEAK WHERE BOTTLE CONNECTS | DISCONNECTED FITTING CLEANED REINSTALLED AND TIGHTENED |
| 0228 | 08/13/85 | 01-MS -SOV -102A | 022929 | SOV-102A HAS AN AIR LEAK AND IS BLOWING | REPLACED SOLENOID AND REPAIRED AIR LINE TO VALVE. VALVE OPERATED PROPERLY. FOUND NO PROBLEM WITH SOV WHILE CHANGING SOV FOUND AIR LINE BROKEN INSIDE FITTING |
| 0228 | 08/13/85 | 01-RC -FIC -1492 | 022759 | FLANGE LEAK | INSTALLED NEW GASKETS STUDS AND NUT S |
| 0229 | 08/13/85 | 01-CH -MOV -1275C | 022789 | INSPECT TORQUE SWITCH SETTING | PMS 8/8/85 OBTAINED TORQUE SWITCH SETTINGS 8/8/85 |
| 0229 | 08/13/85 | 01-EPL-INV -1-III | 023027 | PM - ON DEMAND | INSPECTED AND CLEANED INVERTER 8/10/85 |
| 0229 | 08/13/85 | 01-RP -RI -D12 | 022966 | ERRATIC INDICATION ON D-12 | CHECKED PLUG AT HEAD AND FLOORBOX PLUGS AND SOCKETS OK. READINGS TAKEN AFTER RECONNECTING THE PLUGS PRIMARY 40.9 SECONDARY 50.4 |
| 0229 | 08/13/85 | 01-RP -RI -N-9 | 013998 | ERRATIC INDICATION ON N-9 | PRIMARY 40.6 SECONDARY 49.7 SOC-602 FOUND NO PROBLEM WITH READING OF N-9 RPI CHECKED PLUG AT HEAD AND FLOOR BOX. READINGS TAKEN AFTER RECONNECTING PLUGS: PRI 40.8 SEC 49.8 |
| 0229 | 08/13/85 | 01-RS -P -1A | 016207 | LIGHT IS ON WITH PUMP OFF. | OPS PERFORMED PT. 2 SAT ON 8/9/85 LIGHT OPERATION SAT WHEN PUMP WAS RUNNING/LIGHT WENT OFF WHEN PUMP WAS SHUT DOWN. NO PROBLEM WAS FOUND NO ADJUSTMENT WAS MADE |
| 0229 | 08/13/85 | 01-SI -MOV -1863B | 022792 | INSPECT TORQUE SWITCH SETTING | INSPECTION COMPLETE |
| 0237 | 08/13/85 | 01-RS -P -1A | 011055 | REPAIR ANNUNCIATOR A-E-7 | LIFTED LEAD TO CLEAR ALARM ENTERED IN JUMPER LOG AND BLUE TAGGED 1/9/85 SET ALARM ON 1-RS-P-1A. RETURNED LIFTED LEADS TO NORMAL AND CLEARED JUMPER LOG |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|---|--|
| 0228 | 08/12/85 | 01-SI - -341 | 012253 | PACKING LEAK | ADJUSTED PACKING WHILE UNIT IS DOWN |
| 0228 | 08/13/85 | 01-CH -P -2A | 022646 | ADJUST IMPELLER CLEARANCE AS REQUIRED BY OPS. | REBUILD PUMP ACCORDING MMP-C-G-155 |
| 0228 | 08/13/85 | 01-IA -MISC-NA | 023149 | BAD LEAK WHERE BOTTLE CONNECTS | DISCONNECTED FITTING CLEANED REINSTALLED AND TIGHTENED |
| 0228 | 08/13/85 | 01-MS -SOV -102A | 022929 | SOV-102A HAS AN AIR LEAK AND IS BLOWING | REPLACED SOLENOID AND REPAIRED AIR LINE TO VALVE, VALVE OPERATED PROPERLY, FOUND NO PROBLEM WITH SOV WHILE CHANGING SOV FOUND AIR LINE BROKEN INSIDE FITTING |
| 0228 | 08/13/85 | 01-RC -FIC -1492 | 022759 | FLANGE LEAK | INSTALLED NEW GASKETS STUDS AND NUTS |
| 0228 | 08/14/85 | 01-FW - -43 | 022921 | OPEN CHECK VLV. , INSPECT CHECK VALVE INTERNALS | REMOVED STRONG BACK FROM VALVE 8/9/85 GROUND SEAL WELD ON DIAPHRAGM OF 1-FW-43, CLEANED SURFACE FOR FIT UP OF NEW DIAPHRAGM, FIT AND WELDED NEW DIAPHRAGM, NDE PT AND QC |
| 0228 | 08/14/85 | 01-MS -SOV -101AB | 023203 | ASSIST AD-OPS | TESTED 1-MS-SOV-101 A B NO PROBLEM FOUND WITH SOV TESTED SAT, NO ACTUAL WORK PERFORMED ON VALVE 8/14/85 |
| 0228 | 08/15/85 | 01-CC -E -1A | 023230 | INLET MANWAY LEAKING | OPENED MANWAY CLEANED GASKET SURFACES, PUT RTV ON SURFACES AS PER GLEN MOORE AND INSTALLED O-RING CLOSED MANWAY |
| 0228 | 08/15/85 | 01-FP -P -2 | 019906 | RADIATOR CAP HAS ONE LOCKING | INSTALLED NEW CAP |
| 0228 | 08/15/85 | 01-FP -P -2 | 023268 | ADJUST THROTTLE LINKAGE ON | ADJUSTED THROTTLE LINKAGE TO 1750 RPM ON DIESEL |
| 0228 | 08/15/85 | 01-FW - -12 | 022920 | OPEN CHECK VLV , INSPECT INTERNALS | OPEN CHECK VALVE, INSPECT CHECK VALVE, CLOSE CHECK VALVE AND TORQUE TO 590 FT/LBS, NO REPAIRS WERE MADE ON VALVE AT ALL NO PARTS ARE IN STOCK AT THIS TIME, TIGHTEN TWO BOLT |
| 0228 | 08/15/85 | 01-FW -MOV -151A | 022894 | PM - ON DEMAND | PMS CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-FW -MOV -151B | 022893 | PM - ON DEMAND | PMS CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-FW -MOV -151C | 022892 | PM - ON DEMAND | PMS -CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-FW -MOV -151D | 022891 | PM - ON DEMAND | PMS-CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-FW -MOV -151E | 022890 | PM - ON DEMAND | PMS-CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-FW -MOV -151F | 022889 | PM - ON DEMAND | PMS CHECKED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-IA -MISC-NA | 023204 | HP AIR BOTTLE ON FAR RIGHT | DISASSEMBLED FITTING CLEANED REINSTALLED AND TIGHTENED |
| 0228 | 08/15/85 | 01-IA -PP -NA | 023205 | PIPING DOWNSTREAM OF 1-IA-981 | TIGHTENED CONNECTION |
| 0228 | 08/15/85 | 01-MS -MOV -101A | 022878 | PM - ON DEMAND | PMS INSPECTED GREASE AND PACKING |
| 0228 | 08/15/85 | 01-MS -SOV -101AA | 023202 | ASSIST AD-OPS | TESTED 1-MS-SOV-101AA NO PROBLEM WITH SOV TESTED SAT CHECKED VALVE STICKING PREVENTING MS-TV-101A FROM EMERGENCY CLOSE FUNCTION CLEARED CHECK VALVE AND TESTED OPERATION |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|--|---|
| 0229 | 08/15/85 | 01-EPM-REL -1JUV | 004007 | REPLACE PLC CARD | REPLACED PLC CARD IN RELAY 62A/1J2 OPERATIONAL CHECKED FO NO-54-11651 PART NO 4604850 |
| 0229 | 08/15/85 | 01-EPM-REL -15H3A | 019430 | PERFORM EMP-P-RT-50 | PERFORMED A FUNCTIONAL CHECKOUT OF THE 1H UNDER VOLTAGE CKT. TO PROVE HFS REPLACED AS PER WO'S 3800007649 AND 3800007651 |
| 0229 | 08/15/85 | 01-EPM-REL -15J3A | 019429 | PERFORM EMP-P-RT-52 | PERFORMED FUNCTIONAL CHECKOUT OF THE 1J UNDER VOLTAGE CKT. TO PROVE HFA'S REPLACED AS PER WO'S 38007685 AND 380007686 TIMED RELAY 62A/1J2 AFTER CARD REPLACED PER WO |
| 0229 | 08/16/85 | 01-CW -MOV -100C | 022608 | PM - AUTO SCHEDULE | COMPLETED PROCEDURE UP TO STEP 5.8 UNABLE TO CYCLE AND TAKE LOAD CK BECAUSE OF CONDENSER CLEANING 8/14/85. CYCLED VALVE 8/16/85 |
| 0229 | 08/16/85 | 01-MS -MOV -101A | 022863 | PM - ON DEMAND | COMPLETED PMS VALVE OPERATED SAT |
| 0229 | 08/16/85 | 01-RP -BKR -PANEL | 021123 | INSTALL CORRECT BONETAGS ON ALL NECESSARY CABLES | REPLACED BONE TAGS 8/16/85 |
| 0229 | 08/17/85 | 01-CW -MOV -100D | 022609 | PM - AUTO SCHEDULE | COMPLETED PROCEDURE UP TO STEP 5.8 UNABLE TO CYCLE AND TAKE LOAD CK BECAUSE OF CONDENSER CLEANING. PERFORMED LOAD CHECK COMPLETED PMS PROCEDURE 8/17/85 |
| 0229 | 08/19/85 | 01-EPM-BKR -15B7 | 007392 | EMP-P-RT-107 PROTECTIVE RELAY | MEGGERED RELAY TESTED AS PER PROCEDURE EMP-P-RT-107. OPERATIONAL CHECK COULD NOT BE COMPLETED ON 10-10-84 BECAUSE HFA WAS NOT AVAILABLE CIRCUIT WAS OPS CHECKED AS PER |
| 0229 | 08/19/85 | 01-MS -MOV -101C | 022861 | PM - ON DEMAND | PERFORMED PROCEDURE MS-MOV-E/A1 VALVE CYCLED SAT 8/16/85 |
| 0229 | 08/19/85 | 01-RC -P -1A | 023345 | ADD OIL TO RCP | ADDED OIL TO LOWER OIL POT. ADDED APPROX 3 GAL TO TOP OIL POT. RAISED LOWER SWITCH APP 1 1/4" TO BRING IN OIL LEVEL ALARM. LOWER IT TO ITS ORIGINAL POSITION AND ALARM CLEARED |
| 0229 | 08/19/85 | 01-RC -P -1B | 021181 | OIL PRESSURE SWITCH INOP, REPLACE | REPLACED OIL PRESSURE SWITCH 8/16/ THE CONTACTS FOR THE WHITE LIGHT IN CONTROL ROOM WILL NOT CLOSE NOR THE CONTACTS #63 FOR STARTING CIRCUIT BOTH CONTACTS ARE IN THE PRESS SOV |
| 0229 | 08/19/85 | 01-RC -PCV -1455C | 019577 | CHECK LIMIT SWITCHES, INT. | REMOVED LIMIT SWITCHES AND LIMIT SWITCH MOUNTING PLATE 8/9/85 REPLACED LIMIT SWITCHES AND LIMIT SWITCH MOUNTING PLATE. ADJUSTED LIMITS TO SUIT OPS LIGHTS OP SAT |
| 0229 | 08/19/85 | 01-RC -PCV -1456 | 023269 | SOLENOID STICKS | MECHANICS CLEANED UP STEM AND LUBRICATED RAN 6 TIMES EVERYTHING SAT 9/15/85. SOLENOID WAS NOT STUCK, PORV STEM WAS STICKING |
| 0229 | 08/19/85 | 01-RP -BKR -A-BYP | 022786 | PM - ON DEMAND | PMS PERFORMED TO STEP 5.25 8/11/85 BREAKER TESTED SAT 8/18/85 COUNTER READING AFTER MAINT: 99782 |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|------------------|-----------|--|--|
| | | | | | CAUSED BY HEAT COMING FROM THE ISOLATION XFMR BY VB PANEL 1-3 |
| 0237 | 08/12/85 | 01-EE -EDG -1 | 020325 | FUEL TRANSFER ALARM FOR #1 | INVESTIGATED FOUND NO PROBLEM WITH FUEL TRANSFER PUMP OPERATION FROM DAY TANK BSAE TANK ALARM SET POINTS /LEVEL SWITCH SET POINTS OK |
| 0237 | 08/12/85 | 01-EE -METR-100 | 021469 | TACHOMETER UNRELIABLE WHILE SYNC ON LINE WILL DRIFT FROM 600 RPM TO 850 RPM. | CHECKED TACHOMETER WHILE PT-223A PERFORMED ON 8/9/85 NO PROBLEMS SEEN WHILE OPERATING 8/9/85 |
| 0237 | 08/12/85 | 01-FP -CBL -NA | 009863 | EWR 84-322 CONST SITE JOB, TO MEET REQUIREMENTS | FOAMING ALL TRAYS THAT ARE RELATED TO THIS EWR COVERAGE BY QC AND IS WORK ORDER FOR FOAMING THIS CABLE TRAYS |
| 0237 | 08/13/85 | 01-RS -P -1A | 011055 | REPAIR ANNUNCIATOR A-E-7 | LIFTED LEAD TO CLEAR ALARM ENTERED IN JUMPER LOG AND BLUE TAGGED 1/9/85 SET ALARM ON 1-RS-P-1A. RETURNED LIFTED LEADS TO NORMAL AND CLEARED JUMPER LOG |
| 0237 | 08/15/85 | 01-FW -FCV -1498 | 021684 | REDUCER DIAPHRAGM LEAKS AIR | REPLACED AIR SET REGULATOR P#67AFR |
| 0237 | 08/15/85 | 01-FW -FCV -478 | 022725 | BOTTOM LOCKNUT ON TIE ROD FOR FEED BACK ARM TO CONTROLLER IS MISSING | PERFORMED IMP-C-FW-89 USED TO REINSTALL STAR LOCK WASHER STROKED VALVE TO VERIFY PROPER OPERATION CHECKED ALL 3 VALVES FOR WASHERS AND NUTS |
| 0237 | 08/15/85 | 01-FW -LT -1497 | 022721 | CALIBRATE, DOES NOT RESPOND TO LEVEL CHANGES | LEVEL IS TRACKING, EVIDENT WHEN SHUTTING DOWN LOOP OF SAT |
| 0237 | 08/15/85 | 01-GW -RM -130-1 | 022251 | DRAIN WATER & DRY OUT | DRIED MONITOR REMOVED GAS CHAMBER AND DRIED SAME. RAN SYSTEM TO VERIFY FLOW. FLOW METER AND PUMP BAD FROM WATER INFILTRATION. REPLACED PUMP AND FLOW METER OPERATION SAT |
| 0237 | 08/15/85 | 01-IA -REG -981 | 023211 | DOWNSTREAM PRESSURE GAUGE LEAKING AROUND CONNECTION TO REGULATOR | WENT AND TIGHTENED SWAGelok FITTING S THEN SNOOPED. CHECKED SAT. |
| 0237 | 08/15/85 | 01-NI -ALM -41 | 018183 | AVERAGE FLUX DEVIATION ALARM | REPLACED T401 IN COMPARATOR AND RATE DRAWER PERFORMED CAL 050 TO PROVE PROPER OPERATION OF BISTABLE BISTABLE DRIVER TRANSFORMER BX5287A |
| 0237 | 08/15/85 | 01-RC -LI -459A | 017092 | LEVEL INDICATOR READING >100% | REPAIRED LEAKS ON TRANSMITTER, ALSO CAL. THE TRANSMITTER. INSTALLED FILLED AND VENTED |
| 0237 | 08/15/85 | 01-RM -RR -175 | 022548 | RENEW INK PADS | REPLACED INK PADS CK SAT |
| 0237 | 08/15/85 | 01-RP1-ROD -K-6 | 022528 | P-250 POINT #C0032A CONTROL | CHECKED ROD POSITION INDICATIONS OF SAT |
| 0237 | 08/16/85 | 01-NI -DETR-35 | 019638 | FAILED TO TRIP BISTABLE WHEN IT SHOULD HAVE AS POWER WAS INCREASED. | INSTALLED NEW SETPOINTS VIA SETPOINT CHANGE 85-16. PROCEDURE ALREADY SENT 6-6-85 PT SENT TO ENGINEERING |
| 0237 | 08/16/85 | 01-NI -DETR-36 | 019639 | FAILED TO TRIP BISTABLE WHEN IT SHOULD HAVE AS POWER WAS INCREASED. | INSTALLED NEW SETPOINTS VIA SETPOINT CHANGE 85.16 PROCEDURE SET ON 6-6-85 PT SENT TO ENGINEERING |
| 0237 | 08/19/85 | 01-CC -PS -102 | 023095 | PRESSURE SWITCH DOES NOT CAUSE LOW PRESSURE. | FOUND PRESSURE SWITCH ISOLATED RETURNED TO SERVICE AND TESTED FUNCTION OF SWITCH BY TURNING OFF PUMPS |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|--|---|
| 0228 | 08/15/85 | 01-RC -PCV -1455C | 022980 | TWO AIR LEAKS AT SWEDELOK | FOUND 2 LEAKY FITTINGS TIGHTENED FITTINGS STOPPED LEAKS |
| 0228 | 08/16/85 | 01-FC -P -2A | 015848 | SUCTION STRAINERS GASKET LEAKS | REMOVED STRAINER CAP CLEANED GASKET SURFACE INSTALLED NEW GASKET. |
| 0228 | 08/16/85 | 01-RC -PCV -1456 | 023224 | HAS AIR LEAK AT DIAPHRAM | REMOVED DIAPHRAGM, NO NEW ONE AVAILABLE, INSPECTED OLD ONE, IT LOOKED GOOD, INSTALLED OLD DIAPHRAGM, TESTED FOR LEAKS, FOUND NO LEAKS FROM DIAPHRAGM BUT SOLENOID SEEMS TO BE HUNG UP |
| 0228 | 08/16/85 | 01-RC -PCV -1456 | 023278 | LOCATE AND REPAIR AIR LEAKS | LEAK ON LOW PRESSURE GAGE ON REDUCER TIGHTENED. LEAK ON SERIES OF FITTINGS BETWEEN REDUCER AND VALVE, TIGHTENED. NO OTHER LEAKS FOUND. NO LEAKAGE |
| 0228 | 08/17/85 | 01-BE -PM -NA | 023353 | INNER DOOR DRIFTS OPEN AND PREVENTS OPENING OUTER DOOR. | CHECKED OIL LEVEL AND BLED AIR FROM EXHAUST SIDE OF THE PISTON. (OPS IS TO TEST AND GET BACK TO US) |
| 0228 | 08/19/85 | 01-CC -E -1B | 001114 | OPEN MANWAY+CLEAN HEAT | VOID COMPLETED ON SERVICE REQUEST 8/19/85 |
| 0228 | 08/19/85 | 01-CH -P -1A | 023222 | 'A' CHG PUMP AUX OIL PUMP, PWR | DRAINED GEAR CASE. REPLACED PUMP REPLACED OIL IN CASE. CLEANED UP AREA |
| 0228 | 08/19/85 | 01-DA - -40 | 023382 | VALVE DOES NOT OPEN FULLY, DISASSEMBLE AND REPAIR | REMOVED OLD BONNET AND DIAPHRAGM AND INSTALLED NEW ONE AND TORQUED BONNET AS PROCEDURE REQUIRED |
| 0228 | 08/19/85 | 01-DA -TV -100B | 022737 | VLV NORMALLY FAILS P.T.16.4 AT EACH CSD OF PLANT | DISASSEMBLE VALVE AND REPLACE PLUG, STEM, SEAT |
| 0228 | 08/19/85 | 01-FW - -42 | 023315 | LEAKS BY SEAT PUT CAP ON IT | INSTALLED PIPE CAP |
| 0228 | 08/19/85 | 01-FW - -7 | 022541 | VALVE HAS A BODY TO BONNET AND A PACKING LEAK. | REPLACED VALVE. 8/11/85 NEW VALVE INSTALLATION CONVAL INC 1500 CLAMP SEAL SIZE 3/4" FIG 1262 BODY YOKE A-105 858 DEGREES F ANSI 2155 STEM CR13 WOG 5320 PSI SEAT-BACKSEAT |
| 0228 | 08/19/85 | 01-MS -MOV -101C | 023033 | PM - ON DEMAND | USING 3/4" ALLEN WRENCH REMOVED INSPECTION PLUG PULLED HOUSING COVER USING 1" COMB WRENCH-REMOVED TORQUE COVER WITH 1 3/16 SOCKET REMOVED TORQUE DRIVE SLEEPER USING 3/4 |
| 0228 | 08/19/85 | 01-MS -NRV -101A | 011564 | FURMANITED, RETURN TO ORIGINAL | REPACKED 1-MS-NRV-101A BY MMP-C-G-1 56 GENERAL VALVE PROCEDURE INSTALLED NEW JUNK RING |
| 0228 | 08/19/85 | 01-MS -SOV -102A | 023366 | VALVE HAS DIAPHRAGM LEAK WHERE SOV BOLTS TO VALVE | TIGHTEN UP AIR OPERATOR |
| 0228 | 08/19/85 | 01-RC -HCV -1556B | 022754 | REPACK | TIGHTENED PACKING |
| 0228 | 08/19/85 | 01-RC -PCV -1455C | 022836 | VALVE LEAKS BY AT 360PSIG | REMOVED VALVE FROM SYSTEM 8/11/85 LAPPED GAGE TO PLUG, ACHIEVED 100% BLUING REASSEMBLED VALVE WITH NEW GASKETS TORQUED VALVE 8/12/85 8/14/85 SUMMARY, FOUND PLUG ON |
| 0228 | 08/19/85 | 01-SI - -241 | 023354 | BODY TO BONNET LEAK OF 1 DROP PER SECOND WITH RCS AT 300 PSI | RE-TORQUE TO 845 FT LBS CHECK VALVE STILL HAS SMALL LEAK, ONE DROP EVERY 3 SEC |
| 0228 | 08/19/85 | 01-SW -MOV -104A | 022588 | PM - AUTO SCHEDULE | CHECKED GREASE AND PACKING FILLED WITH EP-1 |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|---|---|
| 0229 | 08/19/85 | 01-RP -BKR -ANORM | 022785 | PM - ON DEMAND | PC-BD-E/A1 COMPLETE UP TO STEP 5.25 .1 HAD TO STOP AT STEP 5.25.1 OF PC-DB-E/A1 BECAUSE RELAY RTD'S ARE DROPPED OUT. BREAKER TESTED SAT COUNTER READING AFTER MAINT #99751 |
| 0229 | 08/19/85 | 01-SW -MOV -104C | 023422 | REMOVE GREASE FROM LIMIT | NO GREASE FOUND CYCLE VALVE TEST SAT |
| 0229 | 08/21/85 | 01-RP -BKR -B-BYP | 022788 | PM - ON DEMAND | PERFORMED PMS ON BREAKER AND TESTED SAT 8/17/85 COUNTER READING AFTER MAINT: 99855 |
| 0229 | 08/21/85 | 01-RP -BKR -BNORM | 022787 | PM - ON DEMAND | PERFORMED PMS UP TO STEP 5.25.1; RT4 RELAYS DROPPED OUT AND COULD NOT FINISH TESTING AT THIS TIME BREAKER TESTED SAT 8/18/85 COUNTER READING AFTER MAINT 00040 |
| 0229 | 08/21/85 | 01-SW -MOV -1865B | 022794 | INSPECT TORQUE SWITCH SETTING | INSPECT TORQUE SWITCH SETTING FOUND OPEN 2 CLODE 2 8/20/85 VARIOUS PARTS ON THE INFORMATION ON THE VALVE DATA WAS NOT OBTAINABL E 8/21/85 |
| 0229 | 08/21/85 | 01-SW -MOV -104A | 023421 | REMOVE GREASE FROM LIMIT | NO GREASE FOUND CYCLE VALVE,TEST SAT |
| 0229 | 08/21/85 | 01-SW -MOV -104D | 023423 | REMOVE GREASE FROM LIMIT | NO GREASE FOUND CYCLE VALVE,TEST SAT 8/19/85 |
| 0229 | 08/23/85 | 01-CH -P -2A | 023333 | ELECTRICALLY DISCONNECT AND RECONNECT STRIP HEATERS FOR MECHANICS | DISCONNECTED AND MARKED TERMINALS AND MOVED MOTOR COVER CLEAR OF WORK AREA 8/16/85,CHECKED 2A1 (36) AND 2B1(36) WITH OHM METER AND COMPARED WITH PT 27G VALVES CLEARED RED TAGS |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|------------------------|-------------------|--------------|---|--|
| | | | | | CHECKED SAT |
| 0237 | 08/19/85 | 01-IA -PP -NA | 022055 | AIR LINE HAS SMALL LEAK | REPAIRED CHAFFED SECTION OF LINE WITH SILVER |
| 0237 | 08/19/85 | 01-NI -DET -43 | 007831 | INSTALL CAT I BOLTS IN BOTTOM PLATE | REPLACED THE BOLTS ON THE BOTTOM OF THE SPOOL PIECE WITH CAT 1 BOLTS |
| 0237 | 08/19/85 | 01-SW -P -10B | 022843 | HIGH D/P | CHECKED SENSING LINES AND GUAGES BOTH CHECKED SAT OPS RAN PUMP D/P WAS OKAY OP SAT. |
| 0237 | 08/19/85 | 01-VS -F -60A | 023282 | REPLACE PLASTIC AIR LINE ON SOLENIOD | PLACED AIR LINE BACK ON SOLENIOD |
| 0237 | 08/20/85 | 01-RM -RMS -163 | 023280 | MONITOR BLOWS FUSES | REPLACED MONITOR AND READOUT UNIT. SYSTEM CHECKS GOOD |
| 0237 | 08/21/85 | 01-FW -LI -1494 | 023324 | INDICATOR READS 0% WHEN ACTUAL LEVEL 33% | VENTED HIGH SIDE OF TRANSMITTER LOOP OF SAT |
| 0237 | 08/21/85 | 01-MS -TCV -106A | 023226 | AIR LEAK ON CONTROLLER | INSPECTED POSITIONER FOUND LOOSE FITTING TIGHTENED OF SAT |
| 0237 | 08/21/85 | 01-NI -DETR-32 | 023244 | REPLACE PREAMP | PERFORMED APPLICABLE SECTIONS OF IMP-C-NI-19 REPLACED PRE AMPLIFIER NEW AMPLIFIER CHECKS SAT |
| 0237 | 08/21/85 | 01-SW -PCV -100A | 023281 | DISCONNECT/RECONNECT INSTRUMENTATION FOR MECHANICS | REMOVED/REINSTALLED INST. VALVE CHECKOUT TO BE PERFORMED USING WO 3800022345 |
| 0237 | 08/23/85 | 01-CH -PI -1130 | 023279 | REPLACE PRESSURE GUAGE | REPLACED GAGE WITH NEW CALIBRATED GAGE |
| 0237 | 08/23/85 | 01-CH -TE -1141 | 011875 | RTD HAS INTERMITTENT OPEN LEAD | REPLACED RTD VERIFIED CALIBRATION OF FLOW LEVEL AMP AND INDICATOR |
| 0237 | 08/23/85 | 01-GW -RM -101 | 022982 | INDICATED FLOW LESS THAN REQUIRED. | CHECKED CORRECTED FLOW AT 6.5 CFM SAT |
| 0237 | 08/23/85 | 01-RI -ANN -F-A-1 | 023496 | TURB TRIP BY RX TRIP LOCKED IN WITH RX TRIP BREAKERS CLOSED | CHECKED CKT OUT.FOUND FIRST OUT CARD TO BE BAD.LOCATED ONE AND REPLACED IT.TESTED ALARM CKT ON #1 AND 2 POSITION ON CARD TESTED SAT. STOCK # OF CARD 0710174 |
| 0237 | 08/23/85 | 01-VG -RM -131-1 | 022818 | MONITOR READS HIGH. | REMOVED AND DE-CONNED SLEEVE AND DETECTOR. BACKGROUND COUNTS DECREASED SYSTEM OPERATES OK |
| 0238 | 08/15/85 | 01-FP -P -2 | 015936 | REPLACE THROTTLE LINKAGE ON SPEED CONTROL | INSTALLED NEW LINKAGE |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|------------------|-----------|--|---|
| 0228 | 08/19/85 | 01-SW -MOV -104C | 022590 | PM - AUTO SCHEDULE | CHECKED GREASE AND PACKING |
| 0228 | 08/19/85 | 01-SW -MOV -104D | 022591 | PM - AUTO SCHEDULE | CHECKED GREASE AND PACKING FILLED WITH EP-1 |
| 0228 | 08/19/85 | 01-SW -PCV -100A | 023277 | VLV JAMMED SHUT WILL NOT OPEN, | VALVE WAS STUCK SHUT, LUBRICATED SPRING AND STEM, WORKED VALVE UNTIL FULL STROKE ACHIEVED. WHEN INSTRUMENTATION WAS HOOKED UP THERE WAS NO INDICATION ON THE THREE GAGES, ETC |
| 0228 | 08/19/85 | 01-SW -PCV -100C | 022348 | VERIFY PROPER OPERATION OF VALVE | CHECKED VALVE FOUND VALVE BOUND. WR TO MECH # 127910 VALVE FREED BY MECH VALVE STROKE SAT |
| 0228 | 08/19/85 | 01-SW -PCV -101A | 022346 | VERIFY PROPER OPERATION | OBSERVED VALVE STROKE SAT |
| 0228 | 08/19/85 | 01-VS -P -1A | 023276 | CLEAN SUCTION STRAINER | CLEANED SUCTION STRAINER |
| 0228 | 08/21/85 | 01-BD -TV -100F | 023499 | PACKING LEAK | ADJ PACKING GLAND IS TUBE BLOCK. NO MORE ADJ LEFT. LEFT PACKING STILL LEAKING |
| 0228 | 08/21/85 | 01-CH -P -2A | 022543 | FAILED PT 18.9. PUMP DECLARED INOPERABLE | PUMP FAILED AFTER 2 ADJUSTMENTS MCCARTHY SS WANTS TO OVERHAUL WO #3800022662 |
| 0228 | 08/21/85 | 01-FC -PI -101A | 015770 | FITTING LEAKS DOWNSTREAM | REPLACED SEATS AND SEALS, PACKING |
| 0228 | 08/21/85 | 01-FW - -278 | 023419 | REMOVE SPECIAL FNG, INSTALL CHECK VALVE INTERNALS | INSTALLED VALVE INTERNALS AND INSTALLED COVER |
| 0228 | 08/21/85 | 01-RC - -77 | 023480 | PACKING LEAK, ADJUST ONLY | TRIED TO ADJUST COULD NOT MOVE GLAND FOLLOWER. NEEDS TO BE REPACKED |
| 0228 | 08/21/85 | 01-SW -MOV -104B | 022589 | PM - AUTO SCHEDULE | CHECKED GREASE AND PACKING. FILLED WITH EP-1 |
| 0228 | 08/21/85 | 01-VG -RM -109 | 022468 | LOW AIR FLOW ON PROCESS | CHECKED FLOW RATE, CORRECTED FLOW 7.75 CFM |
| 0228 | 08/22/85 | 01-CC -E -1A | 023133 | S.W. INLET SIDE HAS A HOLE IN IT BY THE DRAINLINE | INSTALLED MANUFACTURED 1/4"X6"X12 PLATE MADE BY J WYATT. PUT RTV ON SHELL WITH RED RUBBER GASKET THEN MORE RTV THEN METEL PLATE WITH 3/4" ALL THREAD 2" PIPE NIPPLE AND |
| 0228 | 08/23/85 | 01-FW -MOV -160A | 023350 | VAULE WILL NOT OPEN WITH DF | REMOVED MOUNTING BOLTS FROM TORQUE SWITCH AND REPLACED THEM WITH THE RIGHT LENGTH BOLTS. TIGHTEN SECURELY AND REQUESTED OPS TO CYCLE VALVE. VALVE OPERATED UNSATISFACTORY AND |
| 0228 | 08/23/85 | 01-MS -ADV -102A | 023511 | VALVE IS MECHANICALLY BOUND OP | REMOVE BONNET AND FOUND A LARGE NUT 7/8" IN THE BODY OF THE VALVE. THE PLUG AND SEAT RING WERE DAMAGED |

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|------|---------------------|-------------------|-----------|---|---|
| | | | | | AND WERE REPLACED WITH NEW SEAT RING AND PLUG ASSEMBLY |
| 0228 | 08/23/85 | 01-RS -MOV -155A | 023290 | ADJUST MECH STOPS, WORK WITH ELEC. | REMOVED CAP FOUND LIMIT STOP NUTS TOGETHER. NO ADJUSTMENT LEFT WITNESS BY S POAGE AND JOHN SWIENTONIEWSKI |
| 0228 | 08/23/85 | 01-RS -MOV -155B | 023289 | ADJUST MECH STOPS, WORK WITH ELEC. | REMOVED CAP FOUND LIMIT STOP NUTS TOGETHER. NO ADJUSTMENT LEFT WITNESS BY S POAGE QC AND JOHN SWIENTONIEWSKI ENG. |
| 0228 | 08/23/85 | 01-SI - -241 | 022779 | BODY TO BONNET LEAK | REMOVED BONNET AND STUDS. GASKET AND INTERNALS LOOKED GOOD. CLEAN AND REPLACE GASKET AND STUDS AND NUTS |
| 0228 | 08/23/85 | 01-SI - -243 | 022739 | VALVE BONNET HAS THREE MISSING STUDS | REMOVED BONNET AND STUDS GASKET AREA LOOK GOOD. CLEAN AND REPLACE GASKET AND STUDS AND NUTS |
| 0228 | 08/23/85 | 01-SW -PCV -100A | 022345 | VERIFY PROPER OPERATION OF VALVE | VALVE BOUND WO TO MECH 3800023277 8/15/85 CHECKED STROKE ON VALVE FOLLOWING MECHANICAL MAINTENANCE SET STROKE FOR 3-15 OF SAT |
| 0228 | 08/23/85 | 01-VS -F -58A | 023406 | REMOVE ACTUATOR AND INSTALL NEW ONE | REMOVED ACTUATOR 8/20/85 INSTALL AND COUPLE ACTUATOR TO DAMPER 8/21/85 REPLACED ONE BOLT THAT WAS STRIPPED OUT WITH NEW BOLT |
| 0229 | 08/08/85 | 01-CH -MOV -1370 | 022791 | INSPECT TORQUE SWITCH SETTING | PMS MOV 8/8/85 OBTAINED TORQUE SWITCH SETTINGS |
| 0229 | 08/08/85 | 01-CH -P -1A | 001349 | REINSTALL HEAT TRACING ON HEAT TRACED LUBE OIL PIPING | RE-TAPED HEAT TRACE BACK ON LINES 8-7-85 |
| 0229 | 08/09/85 | 01-DA -TV -100A | 022938 | ELECT. DISCONNECT/RECONNECT | NO DISCONNECTION REQUIRED NO VALVE WORK PERFORMED 8/9/85 |
| 0229 | 08/09/85 | 01-EPH-TX -1H1 | 022954 | CHANGE TAP SETTINGS FROM TAP 1 | CHARGED TOP FROM 1 TO TAP 2 CHANGED TAP FROM 4160 TO 4055V 8/9/85 |
| 0229 | 08/10/85 | 01-CH -MOV -1286B | 022790 | INSPECT TORQUE SWITCH SETTING | RECORDED TORQUE SWITCH SETTINGS AND RECORDED NAME PLATE DATA FROM MOTOR AND VALVE |
| 0229 | 08/10/85 | 01-EE -INV -1-3 | 009562 | REPLACE INDUCTOR L-11 AND L-12 | REPLACED L-11 AND L-12 INDUCTORS |

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

The below listed codes denotes the following departments:

| | | |
|-------------|---|-------------|
| 0228 or R03 | - | Mechanical |
| 0229 or R04 | - | Electrical |
| 0237 or T22 | - | Instruments |

| DEPT | RETURNED TO SERVICE | MARK NUMBER | WO NUMBER | WO TITLE | HISTORY SUMMARY |
|------|---------------------|-------------------|-----------|--|--|
| 0228 | 08/04/85 | 02-RH -E -1B | 018798 | HAS LEAK ON LOW-HEAD FLANGE | TIGHTENED |
| 0228 | 08/06/85 | 02-CS - -1 | 019562 | REQUIRES INSULATION REMOVED | INSULATION REMOVED AND REPLACED |
| 0228 | 08/06/85 | 02-CS - -4 | 019563 | REQUIRES INSULATION REMOVED | INSULATION REMOVED AND RE-PLACED |
| 0228 | 08/06/85 | 02-CS -FP -153 | 019933 | INSULATE PIPE FROM 2-CS-1 TO 2ft. Below Ground Level | PIPING DUG UP AND INSULATED 3" BELOW GROUND LEVEL |
| 0228 | 08/06/85 | 02-CS -FP -153 | 019934 | INSULATE PIPE FROM 2-CS-4 TO 2ft. Below Ground Level | PIPING DUG UP AND INSULATED APPROX 3" BELOW GROUND LEVEL |
| 0228 | 08/07/85 | 02-EE -LV -NA | 012973 | BOTH SIDES AIR LOUVERS ARE OPEN WITH DIESEL SECURE | PT 22.3B WAS PERFORMED SAT ON #2 EDIG ON 8/6/85 NO PROBLEMS FOUND IN LOWER OPERATION 8/7/85 |
| 0228 | 08/08/85 | 02-CH -FL -5 | 017023 | CONSTRUCT A FILTER SHIPPING Cask | WORK NOT REQUIRED |
| 0228 | 08/08/85 | 02-FW -FCV -2478A | 022744 | VALVE HAS PACKING LEAK ADJUST | ADJUSTED PACKING |
| 0228 | 08/13/85 | 02-RP -BKR -ANORM | 018660 | PM - ON DEMAND | PMS COMPLETED TO POST MAINT. CHECKOUT 4/24/85 BREAKER TESTED SAT |
| 0228 | 08/14/85 | 02-SS -TV -204B | 023208 | VALVE WILL NOT OPEN FROM | FOUND LIMIT SWITCH FOR LIGHT INDICATOR OUT OF ADJUSTMENT. ADJUSTED TESTED SAT |
| 0228 | 08/15/85 | 02-EPM-REL -15E1 | 012827 | REPLACE HFA RELAY 86-15E1 | REPLACED HFA 86-15E1 PO NO SY09304 PN 4604804 |
| 0228 | 08/19/85 | 02-FW -P -2 | 023379 | PUMP VIBRATIONS EXCEED ACCEPTANCE | REMOVED INBOARD AND OUTBOARD BEARING CAPS; FOUND BOTH JOURNAL BEARINGS IN GOOD CONDITION; OUTBOARD THRUST BEARING (THRUST SHOES) WIPED AND ROLLED OVER WITH BABBITT. ALIGNMENT |
| 0228 | 08/19/85 | 02-MS - -116 | 022978 | VLV BODY HAS FURMANITE FITTING | INJECTED PACKING WITH FURMANITE COMPOUND. WORK ORDER SUBMITTED TO REPAIR TO ORIGINAL 078702 |
| 0228 | 08/19/85 | 02-MS - -119 | 021331 | VALVE HAS BODY TO BONNET LEAK | INJECTED BODY TO BONNET WITH FURMANITE COMPOUND. WORK ORDER SUBMITTED TO ORIGINAL 077928 |
| 0228 | 08/19/85 | 02-SW -MOV -205D | 020827 | VALVE WILL NOT TURN MANUALLY | REMOVED HANDWHEEL SHAFT ASSY. FOUND NOTHING WRONG INTERNALLY. ASSEMBLED AND INSTALLED HANDWHEEL PIN. VALVE FUNCTIONS PROPERLY |
| 0228 | 08/19/85 | 02-SW -P -10B | 022671 | PUMP HAS LOW DISCHARGE PRESSURE. | REPLACED 2-SW-P-10B WITH SHOP SPARE |

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

September 13, 1985

Mr. Maurice R. Beebe
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

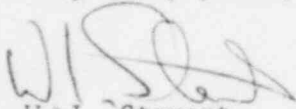
Serial No. 85-667
NO/ETS:acm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Beebe:

VIRGINIA ELECTRIC AND POWER POWER
SURRY POWER STATION UNIT NOS. 1 AND 2
MONTHLY OPERATING REPORT

Enclosed is the Monthly Operating Report for Surry Power Station Unit Nos. 1 and 2 for the month of August, 1985.

Very truly yours,


W. L. Stewart

Enclosure (3 copies)

cc: Mr. J. Taylor, Director (12 copies)
Office of Inspection and Enforcement

Dr. J. Nelson Grace (1 copy)
Regional Administrator
Region II

Mr. D. J. Burke
NRC Resident Inspector
Surry Power Station

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