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REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8902210292 DOC. DATE: <sup>2/10/89</sup> ~~89/01/31~~ NOTARIZED: NO DOCKET #  
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410  
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 WILLIS, J.L. Niagara Mohawk Power Corp.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1989 for Nine Mile Point Unit 2. W ~~280210~~ ltr. <sup>2/10/89</sup>

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 TITLE: Monthly Operating Report (per Tech Specs)

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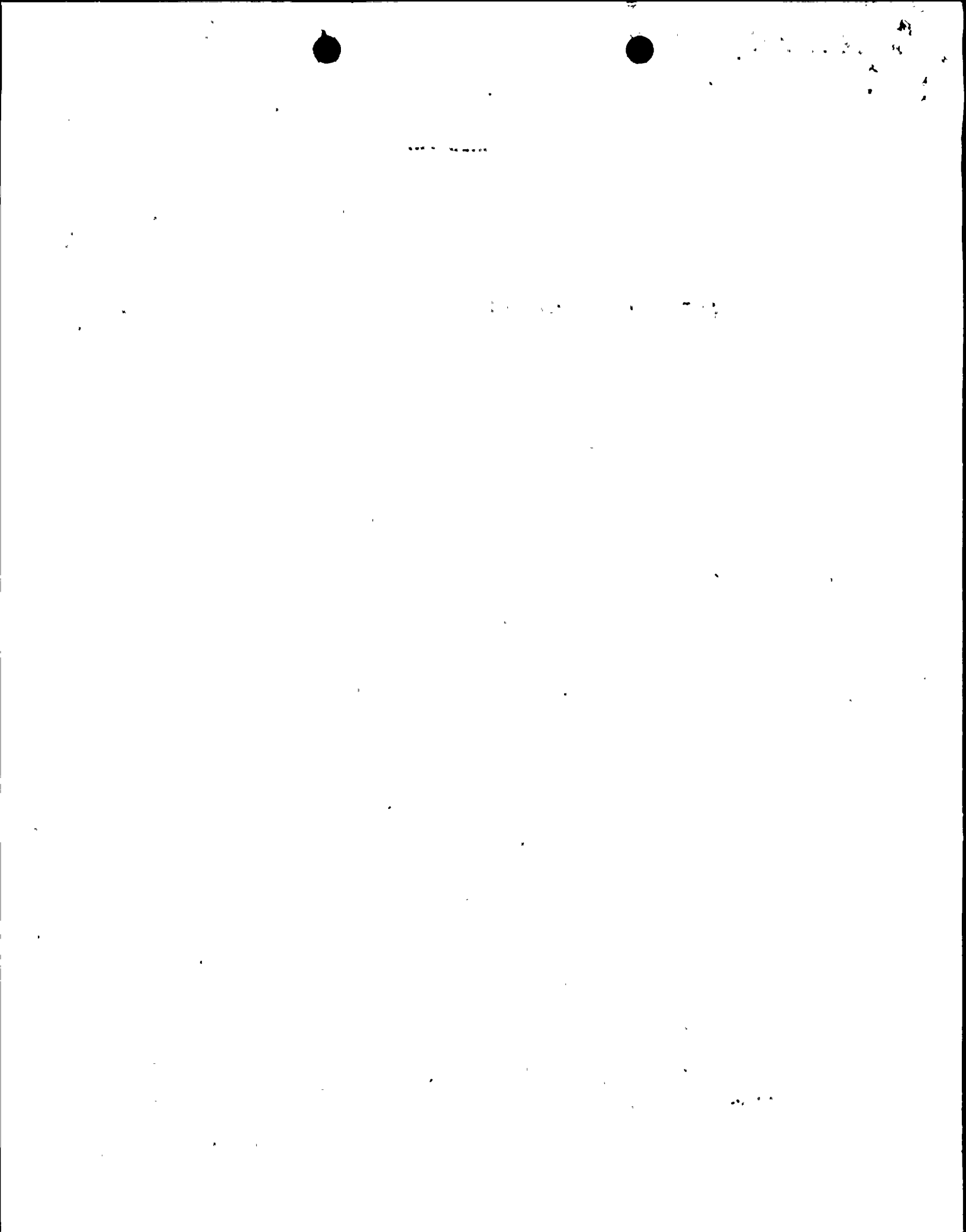
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NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT NUCLEAR STATION UNIT #2  
NARRATIVE OF OPERATING EXPERIENCE

Nine Mile Point Unit 2 remained shutdown during this reporting period for scheduled maintenance, surveillance and inspections. Plant startup is scheduled for February 20, 1989 at the time of this report.

8902210292 890131  
PDR ADOCK 05000410  
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**UNIT SHUTDOWNS AND POWER REDUCTIONS**

REPORT MONTH January 1989

DOCKET NO. 50-410  
 UNIT NAME NMP2  
 DATE 2/10/89  
 COMPLETED BY E.S. Tomlinson  
 TELEPHONE (315)349-2761

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
88-17	890101	S	744	B	1	N/A	N/A	N/A	Continuation of Scheduled Outage . which commenced on 881001 for purposes of maintenance, surveillance, and inspections.

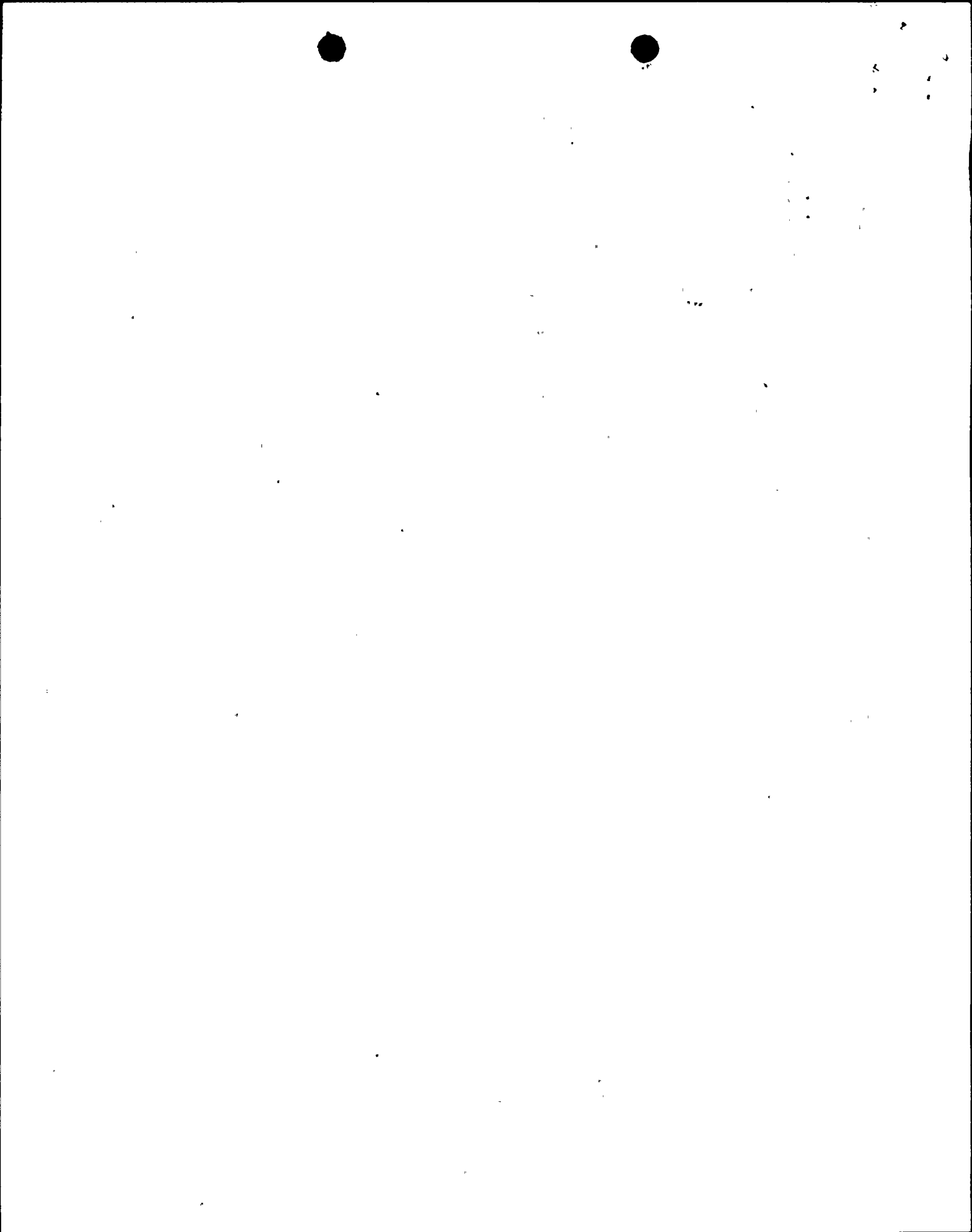
<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source



**OPERATING DATA REPORT**

DOCKET NO. 50-410  
 DATE 2/10/89  
 COMPLETED BY E.S. Tomlinson  
 TELEPHONE (315)349-2761

**OPERATING STATUS**

1. Unit Name: Nine Mile Point Unit 2
2. Reporting Period: 1/01/89 thru 1/31/89
3. Licensed Thermal Power (MWt): 3323
4. Nameplate Rating (Gross MWe): 1214
5. Design Electrical Rating (Net MWe): 1091\*
6. Maximum Dependable Capacity (Gross MWe): 1140\*
7. Maximum Dependable Capacity (Net MWe): 1080\*

Notes

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

\* Best estimates based on highest reported MDC (net); no operating data for this month.

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

10. Reasons For Restrictions, If Any: \_\_\_\_\_

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	7249
12. Number Of Hours Reactor Was Critical	0	0	2982.3
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0	0	2803.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0	0	8319287.6
17. Gross Electrical Energy Generated (MWH)	0	0	2733300.0
18. Net Electrical Energy Generated (MWH)	-12080	-12080	2489760.0
19. Unit Service Factor	0	0	38.7
20. Unit Availability Factor	0	0	38.7
21. Unit Capacity Factor (Using MDC Net)	-1.50	-1.50	31.8
22. Unit Capacity Factor (Using DER Net)	-1.49	-1.49	31.5
23. Unit Forced Outage Rate	0	0	21.3

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

Twenty (20) week scheduled outage for maintenance, surveillance, and inspections started October 1, 1988

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 2/20/89

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	<u>5/23/87</u>
INITIAL ELECTRICITY	_____	<u>8/08/87</u>
COMMERCIAL OPERATION	_____	<u>4/05/88</u>



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APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-410

UNIT NMP2

DATE 2/10/89

COMPLETED BY E.S. Tomlinson

TELEPHONE (315)349-2761

MONTH January 1989

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

**INSTRUCTIONS**

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.



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MODIFICATIONS ACCEPTED BY OPERATIONS

JANUARY 1989

MOD NUMBER. WORK DOC NO.....	SYSTEM MODIFICATION TITLE.....
1 PN2Y88MX012 M20561, M20565, M20603, M20604	EHC PROVIDE A NARROW RANGE EHC PRESSURE INDICATOR
2 PN2Y88MX148 M20702	XXX DRYWELL CORROSION MONITORING PROGRAM INSTALLATION OF COUPONS
3 PN2Y88MX163 M20684	GMS GENERATOR HIGH VOLTAGE NEUTRAL BUSHING BRACING
4 PN2Y88MX192 146076, 146068, M20712, M20713, M20719, M20726	XXX MODIFY STRUCTURAL STEEL TO ACCOMMODATE REMOVAL OF 2RC5*MOV18B
5 PN2Y88MX196 M20730	RHS PROVIDE FLANGED CONNECTION BETWEEN VALVE 2RHS*MOV18 AND PIPE 2RHS-024-22-2



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WR Number	EPN Number	Failure desc	Corrective Action
C120457	ICS-2ICS*012 -51-2	REACTOR CORE ISOL COOLING LINE  57-08-FW021 ON 2-ICS-012-51-2 REQUIRES ISI PREPARATION FOR EVALUATION THIS OUTAGE WORK TO BE PERFORMED PER SPEC P301P THIS FIELD WELD HAS NEVER BEEN PREPPED SCOPE OF WORK TO BE LIMITED TO GRINDING AND NDE	PREPARED WELD FW021 FOR ISI PER WR AND TRAVELER
C120465	FWS-2FWS*V50 B	2FWS-V50B AND 2FWS-V51B  THESE 2 VLVS ARE LEAKING BY REPLACE THIS DOUBLE VLV DRAIN ASSEMBLY THIS WR IS REPLACING WR 136535 AND WR 136536	DOUBLE DRAIN VALVE ASSEMBLY 2FWS-V50B AND 51B WAS REMOVED FROM LINE NUMBER 2FWS-024-51-1 AND A NEW DRAIN VALVE ASSEMBLY WAS INSTALLED IN ITS PLACE, ALL WORK PERFORMED PER CBI TRAVELER CWA-231-42 AND REFERENCED DOCUMENTS
C130399	ZZZ-F-4474-C	PIPE FLOOR SLEEVE F-4474-C  BREACH AND RESEAL PIPE FLOOR SLEEVE NO F-4474C TO ALLOW REMOVAL OF 3 INCH EMT TEMPORARY CONDUIT 2CX979NN FLOOR SLEEVE IS LOCATED ON EL 261 SECONDARY - REFER TO DWGS EP-116G AND EP-116AC	THE PENETRATION WAS BREACHED, THE CONDUIT REMOVED BY ELECTRICAL THE SEAL WAS REPAIRED
C130580	WCS-2WCS-PSS T1037A	PIPE SUPPORT SWAY STRUT 2WCS-PSST1037A3 LOC-EL 306 SEC RWCU HEAT EXCH ROOM  BZ-74ZB-2 PIPE CLAMP IS LOOSE AND ROTATED OUT OF ALIGNMENT WRENCH TIGHTEN ALL LOOSE BOLTED CONNECTIONS AND REALIGN PIPE CLAMP	SUPPORT SWAY STRUT NO. 2WCS-PSST1037A3 ON LINE NUMBER 2WCS-00B-23-3 WAS ADJUSTED AND REALIGNED BACK INTO ITS DESIGN CONDITION IN ACCORDANCE WITH CBI TRAVELER CWA-231-S4(ATTACHED)
C131145	HVR-UC413A	EMERGENCY RECIRC 2HVR-UC413A  OUTLET EXPANSION JOINT IS TORN REPAIR AS NECESSARY 48 INCHES ID-DUCT PC NO SH-1 ON DWG 10.500-097-112F RB 289 WEST	REPLACE EXPANSION JOINT PER WR AND SWEC DWG
C136499	RCS-2RCS*MOV 18A	2RCS*MOV18A	THE INSULATION WAS REMOVED AND REINSTALLED AS REQD



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WR Number	EPN Number	Failure desc	Corrective Action
		THE STUDS (BONNETT)HOLDING THE VENT LINE SUPPORT ARE TOO LONG AND CANNOT BE TORQUED CUT THE STUDS AND TRANSFER THE HEAT NOS. ASME TRAVELER REQD TORQUE TO 1360-1500 LBS	
C137167	HTS-2HTS*PNL003	2HTS-PNL003 CKT 20  TO CKT 20 HEAT TRACE APPEARS OPEN THERE IS VOLTAGE UP TO TB BUT NO CURRENT TROUBLESHOOT AND REPAIR (2CMS-PNL71B-66B)	INSULATION WAS REMOVED HEAT TRANSFER CEMENT WAS INSTALLED-INSULATION WAS REINSTALLED AS REQD
C144408	BLDG-2PHS*R261-2	DOOR R261-2  PHYSICAL FAULT DOOR DRAGGING ON FLOOR - APPEARS TO BE COMING APART	A.-FOLLOWING WORK PERFORMED ON AUG 26 88 TO REPAIR DOOR: INSTALLED 3 SCREWS TO HOLD UP INTERIOR BACKER PLATE WHICH CORRECTED DOOR DRAGGING,PROBLEM- DOOR NEEDS DOOR BOTTOM SWEEP WR 144409 CALLS FOR REPLACEMENT OF DOOR R261-2 WITH A NEW DOOR,B.-ENTIRE DOOR R261-2 REPLACED ON 880109
C145866	HVR-2HVR*UC413A	RB VENT EMERG RECIRC UNIT COOLER-DIV I  FLUSH COOLING COILS FOR UNIT COOLER-R AND R PIPING AS REQD (BOLTED ONLY) PIPING REMOVAL WILL REQUIRE DISMANTLING OF SWP-V70A 72A 73A 74A 65A 66A 67A 68A 508A THRU 511A 522A THRU 525A	FABRICATED TEMP FLUSHING SPOOL
C145867	HVR-2HVR*UC413B	RB VENT-EMERGENCY RECIRC UNIT COOLER - DIV II  FLUSH UNIT COOLER COILS-R AND R BOLTED PIPING AS REQD REMOVAL WILL REQUIRE DISMANTLING OF SWP-V70B 72B 73B 74B 65B THRU 68B 508B THRU 511B 522B THRU 525B	FABRICATED TEMP FLUSHING SPOOL
C146090	RHS-2RHS*BZ409DP V45 V46	HANGER RHS BZ409DP-1 (V45	SUPPORT HANGER RHS BZ-409DP WAS REMOVED FROM LINE NO. 2 RHS-066-19, ISI WORK PERFORMED BY



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WR Number	EPN Number	Failure desc	Corrective Action
		V46) REF DWGS DP 371BY BZ409C BZ409U EXAM OF 2RHS-066-19 FWO05 REQUIRES REMOVAL OF BZ 409 DP-1 FROM LINE 2RHS-012-119-1 REPLACE HANGER UPON COMPLETION OF ACCEPTABLE EXAM ALL WORK TO BE PERFORMED IN ACCORDANCE WITH SPEC P301F WORK CAN ONLY BE PERFORMED DURING RHS LOOP A SYS OUTAGE	NMPC, THEN HANGER REINSTALLED, ALL WORK DONE BY TRAVELER CWA-257-7
C146202	BLDG	WALL PENET NO W-5350-C AND W-5283C OPEN - RESEAL WALL PENETRATIONS NO W-5350-C AND W-5283-C AS REQD TO SUPPORT MOD NO 87-233	THE PENETRATIONS WERE BREACHED, THEN RESEALED AFTER THE REQD WORK WAS COMPLETED BY CBI
C146220	HVR	EMERG RECIRC UNIT COOLER DUCTWORK  INVESTIGATE NOISE COMING FROM WITHIN COMMON DISCHARGE DUCT FROM 2HVR-UC413A-B AT FIRST TURN (APPROX 60 DEGREES AZ) - REPAIR AS REQD-SEC CONT EL 289 SEE ATTACHED SKETCH OF LOCATION E AND DCR C94121B	FLOW SPLITTER-STRAIGHTENING VANES REPAIRED PER CBI TRAVELER NO CWA-231-50 AND EDC NO 2M00177A
C146237	WCS-PSSH-993 A3	SPRING HANGER ON 2WCS-008-23-3  REF NCR 89-003-SPRING CAN IS MISALIGNED REWORK TO DESIGN CONDITION LOC SEC CONT EL 306 (SW)	SPRING HANGER 2WCS-PSSH-993A3 ON LINE NUMBER 2WCS-008-23-3 WAS REWORKED AND REALIGNED BACK TO ITS DESIGN CONDITION IN ACCORDANCE WITH CBI TRAVELER CWA-231-51 (ATTACHED)
C146240	WCS-2WCS*PST 1095A3	PIPE SUPPORT SWAY STRUT 2WCS-PSST1095A3 BZ-74AALLPIPE CLAMP IS LOOSE AND ROTATED-SHIFTED ABOUT 8 INCHES TO THE WEST ALONG PIPE 2WCS-008-15-3  REPOSITION CLAMP TO DESIGN LOCATION WRENCH TIGHTEN ALL LOOSE BOLTED CONNECTIONS LOC-EL 306 RIB SEC RWCU HEAT EXCH ROOM	SUPPORT SWAY STRUT NO. 2WCS-PSST-1095A3 ON LINE NUMBER 2WCS-008-15-3 WAS ADJUSTED AND REALIGNED BACK INTO ITS DESIGN CONDITION IN ACCORDANCE WITH CBI TRAVELER CWA-231-55 (ATTACHED)
C146291	BLDG-NO COMP ID	GRATING SUPPORT STEEL IN DRYWELL  GRATING SUPPORT STEEL (4X6X1/2) JUST BELOW ELEV 261 IN P/C INTERFERES WITH REINFORCING STEEL BEING ADDED BY MOD 88-192 REMOVE SUPPORT STEEL MODIFY AND REINSTALL AS REQUIRED	REMOVE SUPPORT STEEL, MODIFIED AND REPLACED PER WR 146291 AND TRAVELER



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C146300	CPS-2CPS*V51	2CPS*V51 VALVE 2CPS*V51 FAILED LLRT DISASSEMBLE VALVES LAP AS NECESSARY PERFORM BLUE CHECK IF SAT NMPC TO RETEST IF RETEST FAILS CUT AND REPLACE WITH NEW CHECK VALVE SUPERSEDES WR 147004	LAP VLV SEAT DISASSEMBLED VLV AND LAPPED SEAT, VLV NOW HOLDS PRESSURE
C147484	SWP-2SWP*V10 24	UC413H SUPPLY LINE CHECK VALVE B. O. P.  VALVE STICKS IN THE OPEN POSITION AND REQUIRES MECHANICAL AGITATION TO MAKE IT SEAT DISASSEMBLE VALVE CLEAN APPLY NEVER SEIZE AND REINSTALL NOTE REQUIRES A FREEZE SEAL TO ISOLATE	NO INSPECTION REQD BY ISI ICMS GC, REMOVED AND REINSTALLED INSULATION
C147696	HTS-001-03	HEAT TRACING FOR LIN 2-SLS-003-3-2  WHILE PERFORMING MEGGER TESTING ON 2HTS-001-03 PER NE-EMP-GEN-770 TO SATISFY TESTING REQUIREMENT FOR MOD 87-230 MEGGER READINGS WERE FOUND TO BE .75 MEG WHICH DID NOT MEET THE ACCEPTANCE CRITERIA REPLACE	INSTALLED HEAT TRANSFER CEMENT AND INSULATED THE HEAT TRACED PIPING
C147782	RHS-2RHS*MOV 1B	RESIDUAL HEAT REMOVAL VALVE 2RHS*MOV1B  DURING PROCEDURE N2-ISP-CNT-R0002 ATT29 IT WAS FOUND THAT 2RHS*MOV1B HAD EXCESSIVE LEAKAGE (I. E. 5.09 SCFM) ACCEPTANCE CRITERIA MAXIMUM ALLOWABLE LEAKAGE EQUALS 7500 SCFH RX BLDG EL 195 AZ275 DEG VALVE PIT	INSULATION WAS REMOVED THEN REINSTALLED AS REQD
C148021	WCS-2WCS*BZ- 432MT	BZ-432MT  2WCS-504PSA0202 AND 2WCS-505PSA0202 THE TORQUE WRENCH USED DURING COMPLETION OF MOD PN2Y87MX167 WAS FOUND TO BE OUT OF CALIBRATION WHEN SENT TO GE FOR VERIFICATION OF CALIBRATION BOLTS ON THE ABOVE MENTIONED PSAS TO BE LOOSENED RETORQUED AND THE RETORQUING TO BE VERIFIED	RETORQUED BOLTS, TORQUE WRENCH M&TE 09643 CAL DUE DATE 890430
C148022	WCS-2WCS*FT6 7Y	5 VLV MANIFOLD FOR FT67Y AND THESE TRANSFERRED TO WR NOS 148108 AND 148710 REF - CBI NC NO 88-9 THE TORQUE WRENCH USED DURING WORK ON MOD NO PN2Y87MX167 WAS FOUND TO BE OUT OF CALIBRATION WHEN SENT TO GE FOR VERIFICATION OF	RETORQUED PER WR, TORQUE WRENCH M&TE 09463 CAL DUE DATE 890430



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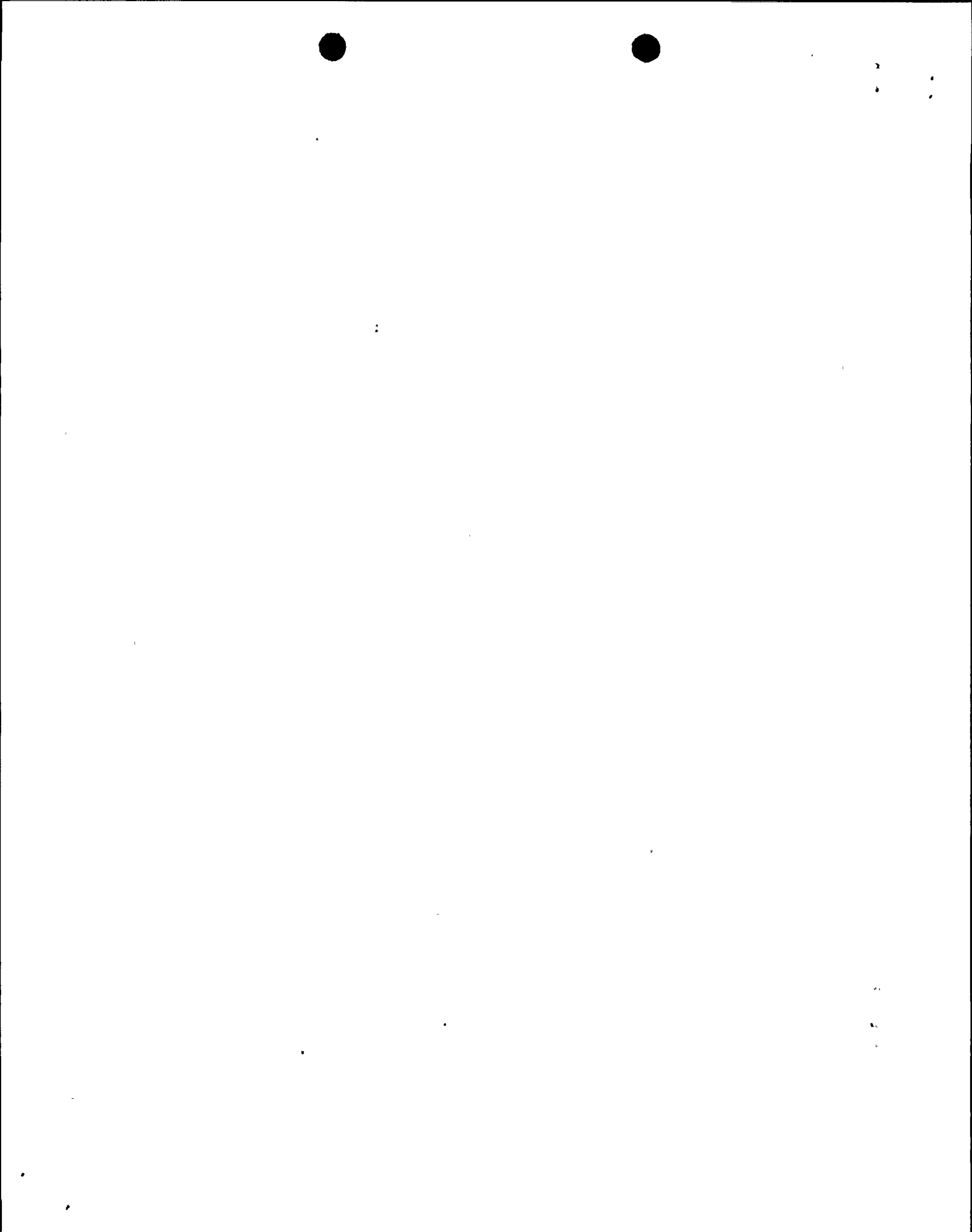
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WR Number	EPN Number	Failure desc	Corrective Action
		CALIBRATION BOLTS ON THE 5 VLV MANIFOLD AND TUBING SUPPORTS MENTIONED ABOVE TO BE LOOSENEED RETORQUE AND VERIFIED	
C148029	RHS-2RHS*001 -371-2	2RHS-001-371-2 - 2RHS-LS97A  REWORK REDUCER ON LINE 2RHS-001-371-2 PER PR 08342 AND EDC 2M00168 ATTACHED SWITCH INSTALLATION TO BE WORKED PER WR 128299	REMOVED AND REPLACED REDUCER PER PR 08342 AND WR AND EDC 2M00168
C148704	RHS-2RHS*LS9 7A	2RHS-001-371-2/2RHS*LS97A  INSULATION REMOVAL REINSTALLATION OF 1 IN. LINE IS REQD TO FACILITATE LEVEL SWITCH REMOVAL AND REPLACEMENT OF FITTING DONE ON WR 148029	THE INSULATION WAS REMOVED THEN REINSTALLED
C148708	WCS-2WCS-BZ- 414JG	SUPPORTS BZ-414JG  AND BZ-495TC AND BZ-432MN REF CBI NC NO 88-9 THE TORQUE WRENCH USED DURING WORK ON MOD NO PN2Y87MX167 WAS FOUND TO BE OUT OF CALIBRATION THE BOLTS ON SUPPORT BZ-414JG TO BE LOOSENEED - RETORQUED AND VERIFIED	REGAL-ADJUST THE BOLTS ON SUPPORT NOS-BZ-414JG, BZ-495TC, AND BZ-432MN WERE LOOSENEED, RETORQUED AND VERIFIED, ALL WORK DONE IN ACCORDANCE WITH CBI TRAVELER NO CWA-109-1 AND ITS REFERENCED PROCEDURES AND DOCUMENTS,
C148712	BLDG	SUPPRESSION POOL GRATING EL 222-6  NELSON STUD FOR GRATING CLIP HAS BROKEN OFF AT AZIMUTH 345 DEGREES 43-6 FROM REACTOR THIS CREATES A SAFETY HAZARD AS SECTION OF GRATING IS CANTILEVERED SEE DWG ES-54R	EXISTING REMAINING PORTION OF BROKEN OFF NELSON STUD WAS REMOVED; NEW NELSON STUD WAS FIT AND WELDED, GRATING AND CLIPS WERE REPLACE, ALL WORKED PERFORMED AS OUTLINED IN CBI TRAVELER CWA-231-52 ATTACHED
C148994	RHS-2RHS*MOV 30A	2RHS*MOV30A  TROUBLESHOOT LEAKAGE AT 2RHS*MOV30A COULD NOT PRESSURIZE TEST VOLUME FOR LLRT	INSULATION NOT REMOVED BY MAINTENANCE WAS REMOVED AS REQD, ALL INSULATION WAS THEN REPLACED



07:06:40 02-06-89

CLASS I WORK - CONSTRUCTION JANUARY 89

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<u>WR Number</u>	<u>EPN Number</u>	<u>Failure desc</u>	<u>Corrective Action</u>
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27 records listed.



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W106772	ICS-MOV129	RCIC SUCTION FROM COND STOR TK(2ICS*MOV129)  PER MOYATS PRELIMINARY TEST RESULTS DATED 9-11-86 AS FOUND LS-11(OPEN BYPASS SET AT -88 PERCENT PER 12177-ESK-11 ICS06-R7 LS-15 CLOSE BYPASS SET AT -92 PERCENT LS-11 -95 PERCENT BYPASS	ADJUST BOTH LS-11 AND LS-15 TO AGREE WITH 12177-ESK-11 ICSOL (LATEST REV) UTILIZING MOVATS. RECORD AS FOUND TRACE AS WELL AS LEFT TRACE.
W106836	CSH-MOV107	2CSH*MOV107  MOVATS TESTING MEASURED OPEN BYPASS-(LS-11) 98.8 PERCENT AND CLOSE BYPASS(LS-15) 90 PERCENT BYPASS MUST BE ADJUSTED TO BE IN ACCORDANCE WITH ESK-6CSH03	SET LIMITS PER ESK BY UTILIZING MOVATS SCOPE.
W106841	HCS-MOV6B	HYDROGEN RECOMBINER VALVE 2HCS*MOV6B MOTOR OPERATOR ABNORMAL CHAR FOUND MOTOR PINION GEAR AND ASSOCIATED WORM GEAR TO BE DEFECTIVE ON ABOVE LIMITORQUE OPERATOR ON WR NO 115414-NEW GEARS ARE ORDERED AND WILL BE CHANGED OUT ON THIS WR VALVE LOCATED ON EL 256 PRIMARY	REPLACE GEARS
W113760	RHS-2RHS*MOV 2A	SHUTDOWN COOLING SUCTION ISOLATION  REPLACE ACTUATOR FOR 2RHS*MOV2A TO MEET EG STANDARDS MRR 86-07855 THIS WR SUPERCEDES AND REPLACES DR 16755	NO WORK PER EDC 2M00153.
W118531	RHS-MOV22B	RHR B STEAM LINE ISOLATION OUT OF SPEC VERIFY TORQUE SWITCH SETTING AND ADJUST IF NECESSARY TO BE IN ACCORDANCE WITH E AND DCR C94918 ATTACHED	SET TORQUE SWITCH SETTINGS TO 2 1/4
W118532	RHS-MOV80B	RHR B STEAM LINE WARMUP BYPASS	INSPECTED TORQUE SWITCH SETTING - 2 OPEN AND 2 CLOSE - STROKED VALVE FOR P.M.T. TIMES ARE IN ACCORDANCE



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WR Number	EPN Number	Failure desc	Corrective Action
		OUT OF SPEC VERIFY TORQUE SWITCH SETTING AND ADJUST IF NECESSARY TO BE IN ACCORDANCE WITH E AND DCR C94918 ATTACHED	WITH PROCEDURE N2-EMP-GEN-517.
W127773	HCS-2HCS*MOV 5A	SET TORQUE SWITCH IAW EP-410  OPEN SETTING READS 3-SHOULD BE SET AT 3 1/2 VERIFY VALVE DOES NOT ELECTRICALLY TRAVEL TO OPEN BACKSEAT	ADJUSTED TORQUE SWITCH TO PROPER SETTING.
W128385	LMS-2CES-236 E	RX BLDG 261 AZ 65 DEGREES  ELECTRICAL PENETRATION HAS INTERNAL LEAKAGE OF .01 SCFH CAUSING OPERATIONS TO RECHARGE 1-MD I AND C HAS COMPLETED DETAILED INVESTIGATION OF PROBLEM ON 11-25-87 RESULTING IN INTERNAL LEAKAGE COORDINATE WORK WITH OPS	NO WORK REQUIRED PENETRATION PASSED ILRT DEC. 88.
W135298	SWP-2SWP*FV5 4A	THE 3 AMP FUSE IN 2EHS-MCC103A CIRCUIT 2SWPA64 (GREEN) HAS BLOWN AND VLV WILL NOT FUNCTION  TROUBLESHOOT AND REPLACE FUSE (ESK-6SWP42)	REPLACED FUSE AND INITIATED I AND C SUPPORT. ADDITIONAL CORRECTIVE ACTION PERFORMED REF. WR 156674.
W135436	HVR-2HVR*ADD 9A	THE GREEN CLOSED LIGHT FOR HVR*ADD9A GLOWS VERY DIMLY WHEN DAMPER CLOSED (SUSPECT PARTIAL GROUND AT HVR*Z5XMY9A CLOSED LIMIT SWITCHES)	REPLACED BULB WITH GE 1835, LIGHT WORKS OK.
W136636	VBS-2VBS*ACB 1A	REPLACE EXISTING EPA OUTPUT BREAKER WITH NEW STYLE BREAKER (PART NO DA3043633P001 SYMBOL NO 93-21-228) DUE TO HIGH FAILURE RATE OF EXISTING BREAKER REF LER 87-51 REV 1	REPLACED BREAKER.
W136637	VBS-2VBS*ACB 2A	REPLACE EXISTING EPA OUTPUT BREAKER WITH IMPROVED BREAKER PART NO DA304A3633P001 SYMBOL NO 93-21-228 DUE TO HIGH FAILURE RATE OF EXISTING BREAKER REF LER 87-51-REV 1	REPLACED BREAKER.
W136638	VBS-2VBS*ACB 1B	REPLACE EXISTING EPA OUTPUT BREAKER WITH IMPROVED BREAKER PART NO DA304A3633P001 SYMBOL NO 93-21-228 DUE TO HIGH FAILURE RATE OF EXISTING BREAKER REF LER 87-51-REV 1	REPLACED BREAKER 2VBS*AC1B.



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07:07:17 02-06-89

## CLASS I WORK - ELECTRICAL MAINTENANCE

JANUARY 89

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
W136639	VBS-2VBS*ACB 2B	REPLACE EXISTING EPA OUTPUT BREAKER WITH IMPROVED BREAKER PART NO DA304A3633P001 SYMBOL NO 93-21-228 DUE TO HIGH FAILURE RATE OF EXISTING BREAKER REF LER 87-51 REV 1	REPLACED BREAKER 2VBS*ACB2B.
W137153	CMS-2CMS*SOV 25B	LOST POSITION INDICATION FOUND BLOWN FUSE INVESTIGATE AND REPLACE FUSE-  REPLACE LM SWITCHES COIL RECTIFIER (ALL ELEC PARTS) WATER INTRUSION AND CONAX SEAL	REPLACED PARTS. REPLACED LM. SWITCHES, COIL, RECTIFIER ALL ELECTRIC PARTS AND FUSE, CONAX SEAL ASSEMBLED TO EDC 2E001940.
W137167	HTS-2HTS*PNL 003	CKT 20 HEAT TRACE APPEARS OPEN  THERE IS VOLTAGE UP TO TB BUT NO CURRENT TROUBLESHOOT AND REPAIR CMS-PNL71B-66B	REPLACED HEAT TRACE AND TESTED. HEAT TRACE INSTALLED BY SUPPORT GROUP ICMS WITH TRAY AND TRANSFER CEMENT.
W137585	CMS-2CMS*SOV 25A	CONAX SEAL-SUPPRESSION CHAMBER AIR SAMPLE (2CMS-AGC534)  INSPECT CONAX SEAL FOR PROPER INSTALLATION REF E AND DCR F0293A NOTE-THIS WR REPLACES WR 131399	DISASSEMBLED AND REASSEMBLED FOUND COIL OF VALVE TO HAVE 30000 TO GND, GENERATED WR 147554
W138515	CMS-2CMS*SOV 25D	FUSE BLOWS WHEN 2CMS-SOV25D IS TAKEN TO OPEN  CKT 2CMS-B03 F-11 2CEC-PNL861	REPLACE PARTS REPLACED FUSE COIL LIMIT SWITCHES RECTIFIER TERMINAL BLOCK BOLTS AND NUTS, REASSEMBLES CONAX CONNECTOR PER INST 01.690-5047A AND EDC 2E001940
W138871	RHS-2RHS*SOV 36B	SPARE REED SWITCH WAS USED AS REPLACEMENT ON WR 135864 REPLACE DEFECTIVE SPARE (GREEN STACON) WITH NEW REED SWITCH DEFECTIVE SWITCH WAS USED AS OPENING INDICATOR SWITCH ORIGINALLY	REPLACED REED SWITCH
W145648	HVC-2HVC*B22	FUSE F1 3 AMP FOR CKT NO HVCB22 IS BLOWN-REPLACE FUSE LOCATED IN PNL871 STRIP J ESK-7HVC13	REPLACED FUSE.
W145998	RCS-2RCS*MOV 18B	DEMAND FAULT  MOV18B OPENS FOR 36 SECONDS THEN TRIPS THERMAL	INSTALLED NEW COVER GASKET 9-14-88, WR 136683 WRITTEN TO REPLACE MISSING COVER BOLT, SEE SUPPORT COPY FOR CORRECTIVE ACTION



4  
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4  
3  
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1

07:07:17 02-06-89

CLASS I WORK - ELECTRICAL MAINTENANCE

JANUARY 89

PAGE: 4

WR Number	EPN Number	Failure desc	Corrective Action
		OVERLOAD AND STOPS BREAKER LOCATION MCL-12-4C VALVE LOCATION 24D DRYWELL	
W146564	RHS-2RHS*2CC 046GA5	2RHS-MOV25A-CONDUIT NO 2CC046GA5 UNDERNEATH VALVE HAS COVER MISSING ON PULL BOX EL 289 RX	INSTALLED CONDUIT COVER.
W146635	CSL-2CSL*ADV 101	POSITION INDICATION FOR 2CSL*ADV101 SHOWS DUAL INDICATION IN CONTROL ROOM ON PNL 601 WHEN VALVE IS OPEN LIMIT SWITCH APPEARS TO NEED ADJUSTMENT	REPLACED THE CAM ACTUATOR WITH A NEW ONE.
W146651	HVP-2HVP*MOD 6A	FUSE F4 IN CIRCUIT 2HVPA04 (3 AMP) IS BLOWN	CHECKED ACTUATOR OVER, MEGGERED CONTINUITY CHECK. FOUND NOTHING APPARENTLY WRONG. REPLACED FUSE WITH NEW FROM STORES. FUSE HELD IN MOD WOULD NOT CYCLE HYDRALLICALY AT ALL WR 127752 WRITTEN TO REPAIR.
		DETERMINE CAUSE - REPLACE TROUBLESHOOT ONLY FUSE IN RELAY ROOM PNL 859 BAY F LEFT SIDE STRIP J	
W147006	HVK-2HVK-CHL 1A	PHYSICAL FAULT  REPLACE FLEX CONDUIT FOR TEMP SENSOR TAPE ONE AND THREE FORTHS INCH FLEX ON CONTROL BOX AND TAPE FLEX ON MODULATIONS VALVE	REPLACED CONDUIT AND TAPED CONDUIT WITH DAMAGED SHEATH.
W147024	HCS-2HCS*MOV 25A	PHYSICAL FAULT  2HCS-MOV25A (SMB-000) HAS A PLASTIC CAM LUG IN THE TORQUE SWITCH - REPLACE TORQUE SWITCH	REPLACED TORQUE SWITCH
W147508	DER-2DER*MOV 129	PHYSICAL FAULT  WHILE STROKING VALVE 2DER-MOV129 DUAL LIGHT IND IS GIVEN WHEN VALVE IS FULL CLOSED INVESTIGATE AND CORRECT AS SOON AS POSSIBLE	NO CORRECTIVE ACTION OPS FLUSHED SYS-STROKED VALVE AND PROPER LIGHT INDICATION IS SHOWING NO CORRECTION REQD
W147510	EHS-2EHS*MCC 103-5B	PHYSICAL FAULT  WHILE PERFORMING PM ON BUCKET FOUND PLASTIC COVER CRACKED ON AUX CONTACT SWITCH LOCATED ON LOWER LEFT OF BOTTOM CONTACTOR	REPLACED AUX. CONTACT, CHECKED BOTH CONTACTS TO PROPER CONFIGURATION BOTH WITH CONTACTOR OPEN AND CLOSED.



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WR Number	EPN Number	Failure desc	Corrective Action
		PLEASE REPLACE GOULD SIZE NO 1 PN GOULD F10NGCL	
W147527	DFR-2DFR*MOV 121	DETERMINATE CABLE 2DFRBYK002 AND MOTOR LEADS FROM TERMINAL BLOCK INSIDE 2DFR-MOV121 RETERMINATE CABLE TO MOTOR LEADS UTILIZING RAYCHEM MOTOR CONNECTION KITS PER PR 08314 AND EDC 2E00177	REMOVED TERM BLOCK, DETERMED WIRES, BELTED INLINE SPLICE FROM INCOMING LEADS TO MOTOR LEADS, INSULATED CONNECTIONS WITH RAY CHEM
W147529	HCS-2HCS*MOV 1B	PHYSICAL FAULT  WHILE PERFORMING PM ON SAID VALVE FOUND GEARED LIMIT SWITCH GASKETS TO BE DETERIORATED AND BROKEN PLEASE REPLACE	REPLACED TORN GASKET WITH NEW ONE.
W147531	HCS-2HCS*MOV 2B	PHYSICAL FAULT  WHILE PERFORMING PM ON THIS VLV FOUND BROKEN LIMIT SWITCH COVER GASKET ALSO FOUND TORQUE SWITCH SETTING TO BE DIFFERENT FROM EP 410 SERIES PRINTS PLEASE REPLACE GASKET AND ADJUST TORQUE SWITCH SETTINGS	REPLACED DEFECTIVE LIMIT SWITCH COMPARTMENT COVER GASKET AND ADJUSTED OPEN TORQUE SWITCH TO 1 1/2 PER EP-410 SERIES DRAWINGS.
W147541	RHS-2RHS*MOV 15A	ELECTRICAL INTERLOCK FOR OPEN CONTACTER THAT IS A NORMALLY CLOSED CONTACT OF THE CLOSED CONTACTER SEE ESK 6RHS08 REPAIR OR REPLACE	CLEANED CONTACTS AUXILIARY SWITCH TESTS OK
W147553	MSS-2MSS*SOV 234	2MSS-SOV234 WAS DISCONNECTED UNDER WR 146556  RECONNECT UNDER THIS WR	RECONNECTED 2MSS-SOV234 PER PROC AND EDC 2E00174
W147554	CMS-2CMS*SOV 25A	REPLACE GASKET O-RING SCREWS NUTS AND SWITCHES IF NEEDED	REPLACED GASKET O RING, SCREWS, NUTS, GASKET AND RECTIFIER. CONAX CONNECTOR WAS GREASED AND TORQUED PER EDC-2E001940 AND WR 137585.
W147559	CMS-2CMS*SOV 25C	VALVE HAS SIGNS OF POSSIBLE WATER DAMAGE  INSPECT AND REPAIR AS NECESSARY	REPLACED QUICK DISCONNECT LUGS ON AC RECTIFIER REPLACED COIL RECTIFIER AND NUTS/BOLTS. ASSEMBLED CONAX PER EDC-2E001940 2 INST. 01.690-3D47A.
W147560	CMS-2CMS*SOV	VALVE HAS SIGNS OF POSSIBLE WATER DAMAGE	REMOVED COVER AND TESTED 1000MR, 161



07:07:17 02-06-89

CLASS I WORK - ELECTRICAL MAINTENANCE

JANUARY 89

PAGE: 6

WR Number	EPN Number	Failure desc	Corrective Action
	34A	INSPECT AND REPAIR AS NECESSARY	- NO WATER IN COVER
W147561	CMS-2CMS*SOV 26A	VALVE HAS SIGNS OF 'POSSIBLE' WATER DAMAGE  INSPECT AND REPAIR AS NECESSARY	INSPECTED FOR WATER DAMAGE, FOUND GASKET TO BE BAD REPLACED GASKET. TESTED OK
W147562	LMS-2LMS*SOV 156	VALVE HAS SIGNS OF POSSIBLE WATER DAMAGE  INSPECT AND REPAIR AS NECESSARY	REPLACED PARTS, ADDED LUGS QUICK DISCONNECT, ADDED NEW BOLTS AND NUTS.
W147565	CPS-2CPS*SOV 121	INSPECT AND REPAIR POSSIBLE WATER DAMAGE	INSPECTED AND CLEANED ELECTRICAL CONNECTION INSIDE 2CPS-SOV121, SOV ENERGIZED AND CYCLED
W147566	RHS-2RHS*MOV 30A	RESET TORQUE SWITCH OPEN-CLOSE SETTINGS TO EP-410L PRESENTLY SET AT 2 AND ONE HALF  SHOULD BE 2 AND ONE FOURTH	CHANGED TORQUE SWITCH SETTING TO 2 AND ONE FORTH OPEN AND 2 AND ONE FORTH CLOSE
W147570	HCS-2HCS*MOV 25B	PHYSICAL FAULT  KEY STOCK ON DECLUTCH LEVER IS BROKEN	REPLACED KEY STOCK WITH KEY STOCK FROM 2HCS*MOV6B WHICH HAS BEEN REMOVED FROM SERVICE.
W147589	HCS-2HCS*MOV 4A	REPLACE CORRODED LIMIT SWITCH ASSEMBLY TORQUE SWITCH AND DAMAGED LIMIT SWITCH COMPARTMENT COVER GASKET	REPLACED LIMIT SWITCH ASSEMBLY AND COVER GASKET. TORQUE SWITCH WAS FOUND TO BE IN GOOD WORKING ORDER WITH NO CORROSION ON THE TORQUE SWITCH-RETURNED PER M. R. 002624, MR 002631, MR 003243.
W147609	ICS-2ICS*MOV 170	CRACKED BASE ON TORQUE SWITCH	REPLACED TORQUE SWITCH WITH NEW PART.
W147622	DER-2DER*MOV 119	MOISTURE INTRUSION VALVE HAS MOISTURE INTRUSION AND CORROSION - REPLACE FINGER BASES ROTORS AND GEAR CASES ALSO COVER GASKETS SM8000	REPLACED GEARED LIMIT SET, FINGER BASES AND COVER GASKET.
W147628	ICS-2ICS*MOV 170	VALVE APPEARS TO BE BACKSEATING	TESTED VALVE. STROKED OPEN AN CHECKED TORQUE SWITCH. TORQUE SWITCH WAS NOT ACTIVATED AND WE COULD TURN THE VALVE ABOUT A QUARTER TURN AFTER HAMMER BLOW, FURTHER IN THE OPEN DIRECTION. NO ADJUSTMENTS REQUIRED WORK PERFORMED ON WR 147609.



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WR Number	EPN Number	Failure desc	Corrective Action
		ADJUST THE LIMIT SWITCHES	
W147666	HCS-2HCS*MOV 4B	PHYSICAL FAULT  VALVE IS BACKSEATING LIMITS NEED TO BE ADJUSTED	ADJUSTED OPEN LIMIT SWITCH TO PREVENT VALVE FROM BACK SEATING. TEST RAN VALVE, WORKS AS DESIGNED.
W147688	MSS-ND COMP ID	REPLACE COVER GASKET ON C CONDULET NEAR 2MSS-SOVZ123 CROUSE HINDS ONE AND ONE HALF INCH 4 HOLE COVER	REPLACED COVER AND GASKET AS ONE UNIT.
W147696	HTS-2HTS*001 -03	WHILE PERFORMING MEGGER TESTING ON 2HTS-001-03 PER NE-EMP-GEN-770 TO SATISFY TESTING REQUIREMENT FOR MOD 87-230 MEGGER READINGS WERE FOUND TO BE .75 MEG WHICH DID NOT MEET THE ACCEPTANCE CRITERIA REQUIREMENTS	REPLACED HEAT TRACE ON LINE 2-SLS-003-3-2.
W147747	MSS-2MSS*ADV 7A	2MSS-ADV7A LIMIT SWITCH 7A-1 CONDUIT GROUND PULLED OUT AT 2JB0538	REINSTALLED GROUND WIRE IN FLEX CLAMP AND TIGHTENED DOWN GROUND SCREW SECURELY ON GROUND WIRE.
W148130	HVK-2HVK*P1A	ANNUNCIATOR 870209 AND COMP PT HVK UC01 P1A AUTO TRIP/FAIL TO START ALARMS WHILE PUMP IS STILL RUNNING (SOURCE 42 AND 48A-HVKA01) TROUBLESHOOT	TROUBLE SHOT DETERMINED PROBLEM TO BE OPTIC ISOLATER I AND C WORKED ON SUPPORT.
W148470	EGP-2EGP*FD2 3	BLOWN FUSE 1 AMP FUSE 2CES-IPNL412 - FUSE FD23 (METERING FUSE PHASE 1) DRAWING REF ESK EGPO4	REPLACE FUSE
W148487	GTS-2GTS-A06	PHYSICAL FAULT  FUSE F1-2GTS-A06 IS BLOWN (P859) REPLACE FUSE SBGT-A INITIATION RESET CRT PANEL 859 BAY B STRIP G ESK-7GTS01	REPLACED FUSE WITH NEW FROM STORES. OPS RAN STANDBY GAS
W148521	RHS-2RHS*ADV 16B	2RHS-ADV16B HAS DUAL INDICATION (RED AND GREEN LIGHTS) AT 2CEC-PNL601 WHEN CLOSED WHEN OPEN - IND IS GOOD RED ON GREEN OFF REPAIR - REPLACE LIMIT SWITCHES AS NEC DRYWELL EL 293	ADJUSTED OPEN (RED) LIGHT INDICATION. 2IAS*V1007
W148578	EHS-2EHS*MCC	ABNORMAL CHARACTERISTIC OPERATORS ATTEMPTED TO	PERFORMED MINOR ADJUSTMENT TO



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WR Number	EPN Number	Failure desc	Corrective Action
	103C	CLOSE BREAKER BUT IT WOULD NOT CLOSE  IT TURNED FREELY TO THE POINT WHERE IT SHOULD HAVE CLOSED BUT IT WOULD NOT GO ANY FURTHER - IT WOULD NOT CLICK CLOSE	INTERLOCK MECHANISM BY BENDING LINKAGE SLIGHTLY TO ALLOW BREAKER TO BE OPERATED MORE EASILY.
W148898	ZZZ-2LMS*SOV 156	PLEASE INSPECT AND VERIFY THAT A CONAX SEAL IS INSTALLED ON THE ABOVE LISTED SOVS TAKE A POLAROID PICTURE OF POSSIBLE AND FORWARD RESULTS TO MIKE PARSNOW X7272 (SEE ATTACHED CHECKLIST)	INSPECTED AND SAW CONAX SEALS
W149022	RHS-2RHS*HCV 54A	THE GROUND WIRE ON THE OPEN LIMIT SWITCH IS LOOSE-REATTACH GROUND WIRE DRYWELL EL 261 AZ 80 DEGREES	TIGHTEN SET SCREW WHERE GROUND WIRE CONNECTED TO CONDUIT
W149029	RHS-2RHS*MOV 15A	FAILED LEAK RATE TEST (14.8 SCFM)  OPS TURNED DOWN ON HAND WHEEL LEAKRATE DECREASED TROUBLESHOOT (SUSPECT TORQUE SWITCHES)	CLEANED, LUBRICATED VALVE STEM AND STROKED.
W149030	ICS-2ICS*MOV 122	INTERMITTENT OPERATION OF LIMIT SW 1-33 ON ICS*MOV122 PREVENTS THE OPENING OF 2ICS*MOV159  TROUBLESHOOT LIMIT SWITCH REF ESK-11ICS17(SH 1) AND 807E173TY (SH8A)	CLEANED CONTACT, 1-33 ON 2ICS-MOV122 STROKED VALVE 2ICS-MOV159, CIRCUIT FUNCTIONS AS DESIGNED
W149049	SWP-2SWP*JB2 337	2*JB2337 HAS HAD WATER LEAKING INTO IT  OPEN AND INSPECT FOR DAMAGE SW DIV II SERVICE WATER PUMP RM	JUNCTION BOX JUST SHOWS SIGN OF MOISTURE ON INSIDE. JUNCTION IS USED FOR A PULL THRU POINT. NO ELECTRICAL CONNECTIONS INSIDE TO CORRODE
W149050	SWP-2SWP*JB2 333	2*JB2333 HAS HAD WATER LEAKING INTO IT  OPEN AND INSPECT FOR DAMAGE SW DIV II SERVICE WATER PUMP RM	REPLACED THE TWO BAD TERMINAL BLOCKS.
W149222	HCS-2HCS*MOV 25A	MEASURE AND RECORD OPEN AND CLOSE RUNNING CURRENT	OPEN TO CLOSE INRUSH 1.43A, OPEN TO CLOSE RUN 0.43A, OPEN TO CLOSE SEATING 1.43A. CLOSE TO OPEN UNSEAT 1.59 AMP, CLOSE TO OPEN RUN 0.41 AMPS, CLOSE TO OPEN CUTOFF 0.41 AMPS. OPEN TIME 47.40 SEC, CLOSE TIME 47.51 SEC.



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WR Number	EPN Number	Failure desc	Corrective Action
		SEATING AND UNSEATING CURRENT DATA NEEDED FOR 10CFR PART 21 EVALUATION	
W149232	CSL-2CSL*FV1 14	INSPECT TORQUE SWITCH  RECORD WHETHER NEW STYLE OR OLD STYLE IS INSTALLED AND RECORD COLOR OF ALL INSULATING MATERIAL INFO REQD FOR 10CFR PART 21 EVAL AND TYPE OF CAM LUG MATERIAL	COLOR OF INSULATING MATERIAL IS BROWN. CAM LUG IS MADE OF BRASS. TORQUE SWITCH IS NEW STYLE.
W149234	CSL-2CSL*MOV 107	INSPECT TORQUE SWITCH RECORD WHETHER NEW OR OLD STYLE IS INSTALLED (SEE ATTACHMENT) AND RECORD COLOR OF ALL INSULATING MATERIAL  DATA REQD FOR 10CFR PART 21 EVALUATION ALSO RECORD TYPE OF CAM LUG MATERIAL	REPLACED TORQUE SWITCH, TEST RAN VALVE WORKS. GOOD WROTE WR 149246 TO REPLACE TORQUE SWITCH LIMITER PLATE WITH ONE WHICH WILL ALLOW A SETTING OF 1 1/2 PER EP 410.
W149238	SWP-2SWP*MOV 1E	INSPECT TORQUE SWITCH RECORD WHETHER NEW OR OLD STYLE SEE ATTACHED AND RECORD COLOR OF ALL INSULATING MATERIAL - DATA REQD FOR 10 CFR PAR V 21 EVAL ALSO CHK TYPE OF MATERIAL OF CAM LUG	THE TORQUE SWITCH IS THE NEW STYLE AND THE INSULATING MATERIAL IS RED. THE MATERIAL USED FOR THE CAM LUG IS BRASS.
W156601	CEC-2CEC*PNL 609	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL609 FOR PROPER TIGHTNESS	FOUND 9 RELAYS WITH TERMINAL SCREWS LOOSE - RETIGHTENED.
W156602	CEC-2CEC*PNL 611	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL611 FOR PROPER TIGHTNESS	FOUND 10 RELAYS WITH TERMINAL SCREWS LOOSE - RETIGHTENED.
W156603	CEC-2CEC*PNL 622	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL622 FOR PROPER TIGHTNESS	TIGHTENED BASE MOUNTING SCREWS. CHECKED FOR LOOSE TERMINATIONS ON ALL POTTER AND BRUMFIELD TYPE RELAYS IN PANEL. FOUND K59B, K170, K25B LOOSE. TIGHTENED.
W156604	CEC-2CEC*PNL 623	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL623 FOR PROPER TIGHTNESS	TIGHTENED - CHECKED ALL POTTER AND BRUMFIELD TYPE RELAYS IN PANEL FOUND K8-2MSSN25 AND K54. 2MSSN25 WITH LOOSE WIRES ON COIL TERMINALS TIGHTEN LOOSE TERMINALS
W156605	CEC-2CEC*PNL 642	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL642 FOR PROPER TIGHTNESS	TIGHTENED BASE MOUNTING SCREWS. NONE FOUND. 1-11-89
W156606	CEC-2CEC*PNL 871	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL871 FOR PROPER TIGHTNESS	TIGHTENED - CHECKED ALL POTTER AND BRUMFIELD TYPE RELAYS IN PANEL FOUND NO LOOSE TERMINATION



4  
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07:07:17 02-06-89

## CLASS I WORK - ELECTRICAL MAINTENANCE

JANUARY 89

PAGE: 10

WR Number	EPN Number	Failure desc	Corrective Action
W156608	CEC-2CEC*PNL 874	CHECK TERMINAL SCREWS ON POTTER AND BRUMFIELD TYPE RELAYS IN CEC*PNL874 FOR PROPER TIGHTNESS	CHECKED ALL POTTER AND BRUMFIELD TYPE RELAYS IN PANEL FOUND NO LOOSE TERMINATIONS
W156633	CEC-2CEC*PNL 870	WIRE CONNECTION IS LOOSE  TIGHTEN AS NECESSARY	TIGHTENED SCREW
W156634	CEC-2CEC*PNL 606	WIRE CONNECTION IS LOOSE  TIGHTEN AS NECESSARY	TIGHTENED LOOSE SCREW.
W156635	CEC-2CEC*PNL 602	WIRE CONNECTION IS LOOSE  TIGHTEN AS NECESSARY	TIGHTENED SCREW.
W156649	EGS-2EGS*EG3	CONDUIT COMING FROM 2*JB8073 IS BROKEN EXPOSING WIRES WITHIN WHICH COULD DAMAGE THESE WIRES BY ABRASION AND REPAIR REPLACE CONDUIT (LOCATION EAST SIDE ENGINE 1 FT. OFF FLOOR NEAR AIR START SOC.)	REPLACED BROKEN FLEX.
W156656	RHS-2RHS*SOV 72A	GROUND WIRE ON SOV72A IS DISCONNECTED  RECONNECT GROUND WIRE RB EL 196 NORTH PIT	INSERTED GROUND AND TIGHTENED
W156662	CSH-2CSH*ADV 108	2CSH-ADV108 SOV CONDUIT GROUND STRAP HAS COME OFF  REPAIR EL 306 DRYWELL	REINSTALLED THE GROUND STRAP INTO THE CLAMP
W156674	SWP-2SWP*FV5 4A	FUSE BLOWN 3 AMP FUSE LOCATED IN 2EHS-MCC103 13B	REPLACED BLOWN FUSE.
W156677	HCS-2HCS*SOV 10A	POSITIONING THE SWITCH FOR 2HCS-SOV10A TO OPEN DOES NOT OPEN THE VLV GREEN LIGHT STAYS ON  REPAIR VLV TO OPERATE-INDICATE CORRECTLY SWITCH IS AT 2CEC-P873 CR VLV IS AT RB 240 A RCBR	REMOVED WIRES FROM CONTACT 9 AND PLACED ON CONTACT 11 IN 2HCS*MOV4A. OPS PLACED MOV1A AND 4A OPEN AND SUCCESSFULLY OPENED AND CLOSED SOV10A 3 TIMES. NO CORRECTIVE ACTION TAKEN ON 2HCS*SOV10A. FAULT WAS WIRES IN MOV4A.
W156779	SLS-2SLS*LT6 A	SIGNAL WIRES (UNDER JUNCTION COVER ON XMITTER ASSY) YELLOW AND YELLOW/GREEN HAVE INSULATION NICKED OFF WITH EXPOSED CONDUCTOR 289FT. RX BEHIND SLS TANK	CUT OUT THE NICK, THEN RELANDED WIRE.



07:07:17 02-06-89

CLASS I WORK - ELECTRICAL MAINTENANCE

JANUARY 89

PAGE: 11

<u>WR Number</u>	<u>EPN Number</u>	<u>Failure desc</u>	<u>Corrective Action</u>
W156780	SLS-2SLS*LT6 C	SIGNAL WIRES NICKED WITH EXPOSED CONDUCTOR (YELLOW AND YELLOW/GREEN UNDER JUNCTION COVER ON XMITTER) 289FT. RX BEHIND SLS TANK	CUT OUT THE NICK, THEN RELOADED WIRE.

B1 records listed.



4 4

WR Number	EPN Number	Failure desc	Corrective Action
W124790	HVR-FS18A AND D 37A	2HVR*FS18A AND 2HVR*FS37A HAVE INADVERTENTLY HAD THEIR CIRCUIT CARDS INTERCHANGED SWAP CARDS AND RECALIBRATE SWITCHES (INSTALL CARD 930-1 IN HVR*FS37A AND CARD 1825-1 IN*FS18A)	REF WR 117396 CAL 2HVR*FS18A SWAPPED CARDS AND CALD 2HVR*FS18A R. ALBERICO 1-5-89 CALD 2HVR*FS37A R A 1-6-89 PERFORMED IL2HVR139, 155 SAT
W128299	RHS-LE97A	LEAKAGE LEVEL ELEMENT LEAKS AT PIPE CONNECTION  LOCATED AT EL 196 IN VALVE PIT PLEASE FIX IT	DETERMINED 2RHS-LE97A DRAWING AS FOLLOWS, WIRES ARE MARKED, REMOVED 2RHS-LE97A - INSTALLED NEW SWITCH
W130131	CSL-2CSL*PI1 03	DURING LOOP CALIB IL2CSL-900B INDICATOR WOULD NOT CAL TO SPEC (SEE ATTACHED DATA SHEET) REPLACE	REPLACED OLD PRESSURE IND WITH A NEW ONE DRAWN FROM SUPPLY AND CALIBRATED PRIOR TO INSTALLATION
W135526	HVC-2HVC*RNZ 18C	2ND DIGIT ON THE PARAMETER LED DISPLAY IS NOT OPERATIONAL	REPLACE WITH NEW RIC-REPLACED BROKEN RIC WITH A NEW RIC
W135566	CMS-2CMS-CAB 10B2	OUT OF SPEC  CHANNEL HAS HIGH LVL ALARM ALERT LVL ALARM LOW PRESSURE AND LOW FLOW	CHANGED FILTER PAPER, STEPPED FILTER, PUT ON LINE, TURNED ON PUMP
W135573	RMS-2RMS*RUZ 1C	ABNORMAL CHAR  LED DISPLAY HAS AN ENTIRE DIGIT MISSING IN THE VALUE SECTION PLEASE REPAIR	REPLACED DISPLAY BOARD
W135576	RMS-2RMS*RUZ 1A	PHYSICAL FAULT  REPAIR-REPLACE MISSING LED DIGIT IN VLV SECTION OF RIC DISPLAY	REPLACED DISPLAY BOARD
W135584	CMS-2CMS*CAB 10B1	PUMP FOR 10B SKID MADE ERRATIC SCREECHING NOISE WHEN TURNED ON AT OPS REQUEST SKID WAS VALVED IN PROPERLY NOISE CAME AND WENT IN APPROX 2-3 MINUTE INTERVALS PLEASE INVESTIGATE	VERIFIED PROCESS FLOW CONVERSION FACTOR AND MONITOR ON LINE
W136991	HTS-2HTS*PNL 001	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP  TROUBLESHOOT	REPLACED IC4 TEMP BEFORE CHIP REPLACED EGUALED 346 DEG. AFTER 300 DEG. F.
W136992	HTS-2HTS*PNL	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP	REPLACED IC4, TEMP BEFORE CHIP





WR Number	EPN Number	Failure desc	Corrective Action
	001	TROUBLESHOOT	REPLACED EQUALED 362 DEG. AFTER REPLACED EQUALED 309 DEG. F.
W136993	HTS-2HTS*PNL 003	CIRCUIT CARD DOES NOT INDICATE TEMP  TROUBLESHOOT	REPLACED IC-4, TEMP READING BEFORE-BLANK, AFTER CHIP REPLACED, 141 DEGREES F
W136994	HTS-2HTS*PNL 001	CIRCUIT CARD DOES NOT INDICATE TEMP  TROUBLESHOOT	REPLACED IC4 TEMP BEFORE CHIP REPLACED EQUALS 311 AFTER 308 DEG. F.
W136995	HTS-2HTS*PNL 003	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP  TROUBLESHOOT	REPLACED IC-4, TEMP IND BEFORE - 354 AFTER CHIP REPLACED-310 DEGREES F
W136996	HTS-2HTS*PNL 003	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP  TROUBLESHOOT	REPLACED IC-4, TEMP IND BEFORE-79, AFTER CHIP REPLACED-100 DEGREES F
W136997	HTS-2HTS*PNL 003	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP  TROUBLESHOOT	REPLACED IC-4, TEMP IND BEFORE 62 AFTER CHIP WAS REPLACED 83 DEGREES F
W136998	HTS-2HTS*PNL 003	CIRCUIT CARD DOES NOT INDICATE CORRECT TEMP  TROUBLESHOOT	REPLACED IC-4, TEMP RELAY BEFORE-BLANK, AFTER CHIP REPLACED 82 DEGREES F
W137480	SWP-2SWP*FI5 35	VERIFY - INSTALL CORRECT SCALE AND LEGEND FOR 2SWP-FI535 IN 2CEC-PNL852 PER E AND DCR Z50851A AND FDDR KG1-4449 REV 2 PER STEP 6 OF KG1-4449-2 SHEET 4 OF 8  RELABEL METER WITH CORRECT PN IF REQD	VERIFIED 0-1000 SCALE INSTALLED GPM LEGEND AND RELABELED METER WITH CORRECT PN 164C5288PE6141, INDICATOR AS FOUND 0-GPM AS LEFT 0-GPM
W138230	CEC-2CEC*PNL 899	WHILE PERFORMING LOOP TEST (LCR NO IL2 RHS-009) ERF COMPUTER POINT FOUND OUT OF SPEC LOW INDICATOR AND FLOW TRANSMITTER CHECKED GOOD BELIEVE OPTICAL ISOLATOR FY-14A IS AT FAULT TROUBLESHOOT LOOP	REPLACED AND CALIBRATED THE OUTPUT CARD
W138285	RHS-2RHS-FS8 6A	REPERFORM N2-ISP-RHS-R122 DUE TO TEST EQUIP BEING OUT OF TOLERANCE ERROR IS IN CONSECUTIVE DIRECTION AND WILL NOT EFFECT TECH SPEC OPERABILITY	RECALD 2RHS-FT86A B C AND 2RHS-FS86A B C

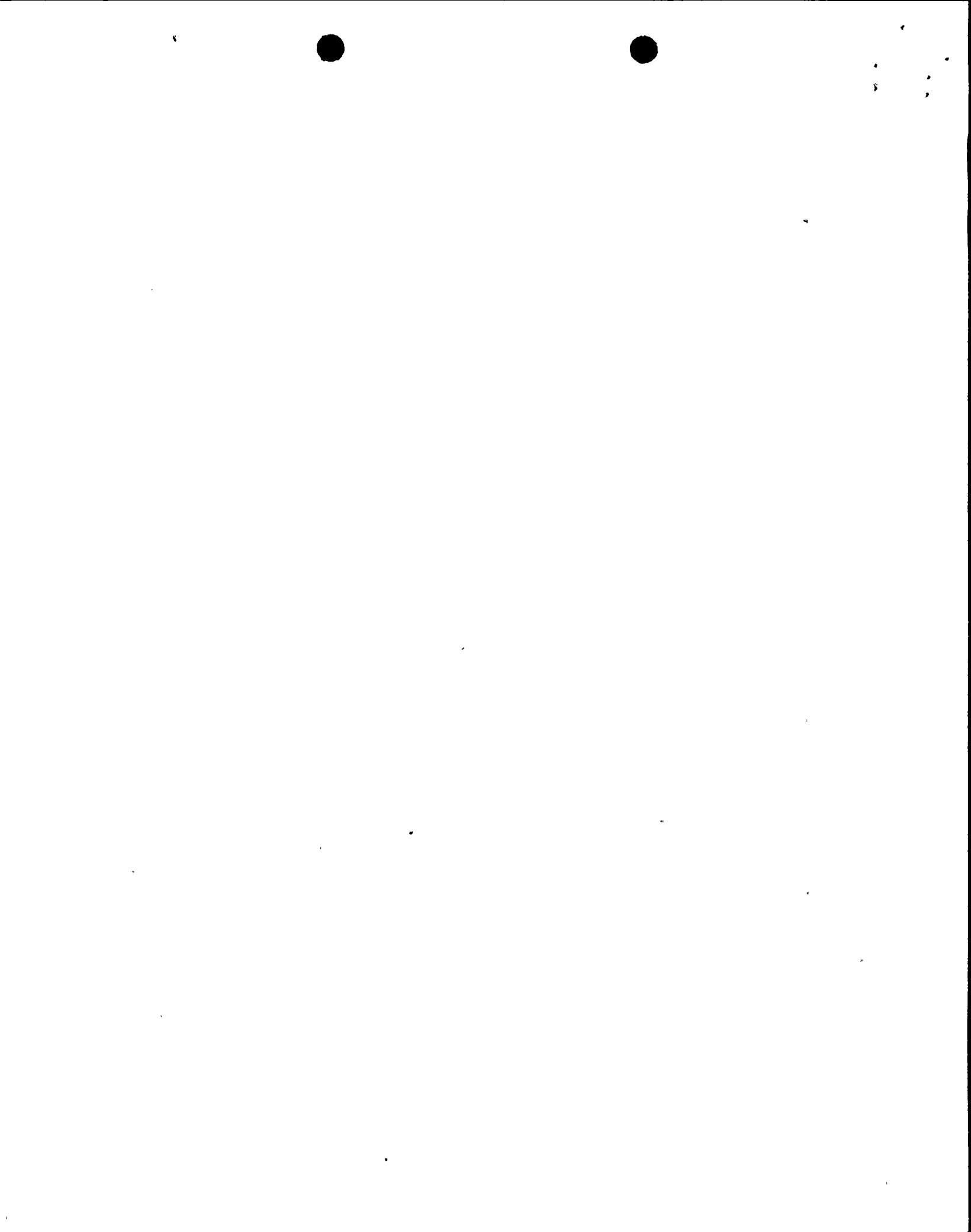


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WR Number	EPN Number	Failure desc	Corrective Action
W145652	RDS-2RDS*HCU 42-15	LOCAL PRESS INDICATION FDR HCU 4215 ACCUMULATOR SHOWS 1005 PSIG => PS206 SHOULD ALARM TMP AT 1025 PSIG CHECK BOTH PS206 AND PI205 CALIBRATION AND CORRECT AS NECESSARY ALARM ACUTATED AT 920 PSIG BY TEST	COMPLETED SAT N2-ISP-RDS-R103
W145712	NMS-C51-K605	INSPECT AND CLEAN EDGE CONNECTOR AND CARD EDGE OF FLOW CONTROL TRIP REF CARD IN RBM A AND B  TROUBLESHOOT	CLEANED AND INSPECTED EDGE CONNECTOR OF THE FLOW CNTL TRIP REF CARD IN RBM A AND B
W146339	WCS-2WCS*FT6 7X	RWCU SUCTION INDICATOR SHOWS APPROXIMATELY 80 GPM FLOW WITH SYS SHUTDOWN NOTE DIVISION II WCS-67Y SHOWS 0 FLOW	REPLACED WCS*FT67X
W146519	RDS-2RDS*SOV 139	DUE TO ERROR MADE SOV139 (2651) WAS REPLACE INSTEAD OF SOV139 (1831)  INSPECT INSTALLATION OF SOV139 (2651) AND CORRECT AS NEC	REPLACED SCRAM PILOT VALVE ON 2RDS*HCU 26-57 (L101) MRR 85-10906 REINSPECTED PERFORMED BY GC DAN HALL
W146528	CMS-2CMS*TRW 170	RECORDER 2CMS-TRW170 FOUND TO BE OUT OF SPEC LOW WHILE PERFORMING N2-ISP-CMS-M003 (RED NO 1 PEN)	REPLACED 2CMS-TTX50B AND CALIBRATED
W146532	CPS-2CPS*V51	RE-PERFORM LLRT N2-ISP-CNT-R/@002 WHEN CBI HAS COMPLETED WR 146300	LLRT COMPLETED SUCCESSFULLY
W146537	RHS-2RHS*LE7 8A	DE-TERM 2RHS-LE78A TO FACILITATE WORK ON 2RHS-LE97A	LEAD LIFTED AND TIE WRAPPED BACK
W146538	HTS-2HTS*PNL 003	CARD DOES NOT INDICATE CORRECTLY - BUT CONTROLS AT CORRECT SETPOINT	REPLACED IC-4, TEMP READING BEFORE-353, AFTER CHIP REPLACED 301 DEGREES F
W146545	ISC-2ISC*LT1 0A	DUE TO POSSIBLE OUT OF TOLERANCE CONDITIONS WITH MTE REPERFORM N2-ISP-CSH-R107 IN ITS ENTIRETY	RECALED LAST XMTR TESTED WITH SUBJECT OF RETRACE GAUGE, XMTR WAS AS FOUND AS LEFT THEREFORE NO FURTHER CAL RECORDED
W146548	RHS-2RHS*PSV 7A	OUT OF SPEC  WHILE TROUBLESHOOTING WR NO 145644 MASTER TRIP UNIT PSX-7A (E12-N653A) WAS FOUND TO BE OUT OF TOLERANCE FOR ITS HIGH TRIP POINT	PERFORMED N2-ISP-RHS-M010 ATT NO 1
W146560	HVC-2HVC*FS5	SETPOINT OUT OF SPEC DURING PERFORMANCE OF	RECALED 2HVC-FS56D USING FLUID COMP



WR Number	EPN Number	Failure desc	Corrective Action
	6D	IL2HVC-090 PLEASE RECAL	CALIBRATOR
W146584	HVC-2HVC*CAB 18B	PHYSICAL FAULT  THE MOV ON HVC-18B (306 CONT BLDG) IS STICKING TROUBLESHOOT AS NECESSARY	CLEANED AND LUBRICATED VLV STEM (SHAFT).
W146590	ICS-2ICS*PT1 15	PRESSURE TRANSMITTER (2ICS-PT115) MUST BE RECALED PER IL2ICS-060 AFTER RESOLUTION OF MR NO I20614	TRANSMITTER RECALIBRATED
W146592	NMS-2NMS*C51 -K600B	REPLACE DAMAGED SWITCH KNOBS ON SRMS B AND C	REPLACED SELECTOR SWITCH KNOB ON SRM-B MRR 37503-88 SYM NO 93-30-662, SRM-C SWITCHES KNOB TO BE REPLACED UNDER WR 131046
W147357	ISC-2ISC*LS- 1684C	DURING SURVEILLANCE N2-ISP-ISC-R105 ATTACHMENT 3 STEP 7.5.1 WE PULLED THE MTU AND WAS SUPPOSED TO SEE BUT DID NOT  STU GROSS FAIL TRIP LED STATUS LIGHT MSIV TRIP UNIT C IN GROSS FAIL COMP PTS ISC-BC33 ISCBC35 AND ANNUNCIATORS 602204 AND 602230 TROUBLESHOOT	INVESTIGATION INDICATES THAT TRIP UNIT IS MANUFACTURED BY GE, DEVICE WORKING PER MANUAL, HOWEVER THIS IS DIFFERENT FROM REST OF UNITS IN PLANT, TRIP UNIT REPLACED BY WR 147719, 147720, 147721, 147722
W147667	HTS-2HTS*PNL 001	CIRCUIT 001-2 IS READING 191 DEGREES F WHICH IS ABOVE OVERTEMP SETPOINT 150 DEGREES  AUX BAY NORTH - 240	REPLACED IC4 TEMP BEFORE CHIP REPLACED EQUALED 194 DEG. AFTER EQUALED 142 DEG.F.
W147717	ISC-2ISC*LS1 674G	REPLACE GE SLAVE TRIP UNIT WITH ROSEMOUNT TRIP UNIT PER FDDR KG1-6096	REPLACED STU 2ISC-LS16740
W147720	ISC-2ISC*LS1 684B	REPLACE GE SLAVE TRIP UNIT WITH ROSEMOUNT TRIP UNIT PER FDDR KG1-6096	REPLACED SLAVE TRIP UNIT NEW PART SYM 93-05-571
W147721	ISC-2ISC*LS1 684C	REPLACE GE SLAVE TRIP UNIT WITH ROSEMOUNT TRIP UNIT PER FDDR KG1-6096	REMOVED GE SLAVE TRIP UNIT AND REPLACED WITH A ROSEMOUNT TRIP UNIT, NEW STU SERIAL NO 15533
W147722	ISC-2ISC*LS1 684D	REPLACE GE SLAVE TRIP UNIT WITH ROSEMOUNT TRIP UNIT PER FDDR KG1-6096	REPLACED GE SLAVE TRIP UNIT SN NO TAJCAB-001 WITH ROSEMOUNT STU SN 4445 USING N2-ISP-ISC-R105 ATT NO 4
W147741	CSH-2CSH*SOV 108	INSTALL 1/2 IN TAILPIECE PER 50.59 D88-261 ON 2CSH*SOV108 FOR LLRT	INSTALLED ONE HALF INCH TAILPIECE ON 2CSH-SOV108



WR Number	EPN Number	Failure desc	Corrective Action
W147785	HTS-2HTS*PNL 003	CARD C1-5 DOES NOT INDICATE CORRECT TEMP CARD CONTROLS PROPERLY  TROUBLESHOOT	REPLACED IC4 TEMP BEFORE CHIP REPLACED EQUALED 291 DEG. AFTER EQUALED 315 DEG.F.
W147786	HTS-2HTS*PNL 003	CARD C1-11 DOES NOT INDICATE CORRECT TEMP CARD CONTROLS PROPERLY  TROUBLESHOOT	REPLACED IC4 TEMP BEFORE CHIP REPLACED EQUALED 298 DEG. AFTER EQUALED 299 DEG F.
W147787	HTS-2HTS*PNL 003	CARD C1-12 DOES NOT INDICATE CORRECT TEMP CARD CONTROLS PROPERLY TROUBLESHOOT	REPLACED IC4 TEMP BEFORE EQUALED 300 DEG. AFTER EQUALED 302 DEG F.
W147788	HTS-2HTS*PNL 003	CARD C2-2 DOES NOT INDICATE CORRECT TEMP CARD CONTROLS PROPERLY  TROUBLESHOOT	REPLACED IC4 TEMP BEFORE IC REPLACED EQUALED 154 DEG. AFTER EQUALED 95 DEG.F.
W148119	RDS-2RDS*SOV 139	WITH RPS A SOLENOID DEENERGIZED B SOL COULD NOT HOLD VLV SHUT WITH NO LEAK BY  THIS OCCURS INTERMITTANTLY (BRINGS IN ANNUNC 603306)	REPLACED SCRAM PILOT VLV ON 2RDS-HCU1831 L413 MRR 85-10906, WIRES LEFT UNTERMINATED
W148186	HCS-2HCS*TSH X13A	WHILE PERFORMING N2-ISP-HCS-R104  THE ANNUN AND COMP PT WERE IN ALARM PRIOR TO STEP 7.3.8-10 CONTACT 150 IN PNL 896 BAY A NEST 4 SLOT 10 DOES NOT CHANGE STATES WITH CHANGING INPUT	REPLACED CONTACT ISOLATOR, ISSUE NO. 41874
W148416	CSH-2CSH*E22 -N654C	WHILE PERFORMING N2-ISP-CSH-R105 FOUND MTU IND TO STICK ON PEG HIGH WHEN INPUT IS BELOW 5VDC  TROUBLESHOOT	RECAL NEW BOARD WITH BENCH UNIT AND CHANGED SCALE READY TO REINSTALL NEW ONE WITH GC. PRESENT, NEW BOARD CALED GROSS FAIL PER N2-ISP-CSH-R105 PMT TEST COMPLETE PER N2-ISP-CSH-M005
W148477	RHS-2RHS*TE8 5A	RX BLDG EL 289 2RHS-TE85A  SENDS SIGNAL TO E31-637A METER ON PNL632 READING IS LOW METER READS 71 DEGREES F WHEN AMBIENT TEMP 1577 DEGREES F	REPLACED TE 85A
W148523	RSS-2RSS-LI1 14	WITH ACTUAL SUPP POOL LVL AC200FT  METER INDICATES 199FT	PERFORMED N2-ISP-CMS-R101



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WR Number	EPN Number	Failure desc	Corrective Action
		SUPP POOL LVL MUST IND 199.5 TO 201 FT CHECK CAL	
W148524	RSS-2RSS*LI1 05	WITH ACTUAL SUPP POOL LVL -200 FT METER INDICATES 199.1 FT SUPP POOL LVL MUST IND 199.5 FT TO 201 FT	GC INSPECTED RETURN TO SERVICE ORING AND TORQUING OF TRANSMITTER, REPLACED 2RSS*PWRS105 WITH NEW I/E CONVERTER SYM 93-09-977, REPLACED I/E CONVERTER WITH ORIGINAL I/E CONVERTER REPAIRED ON WR149162
		CHECK CAL	
W148550	IAS-2IAS*PSL 234	WITH NO PRESSURE ON SYSTEM COMPUTER POINT IASPC36 AND ANNUNCIATOR 601554 DO NOT INDICATE AS EXPECTED (IASPC36 SHOWS NORMAL 601554 CLEAR) SUSPECT 2IAS*PSL234 FAULTY TROUBLESHOOT	REPLACED THE OUTPUT OPTICAL ISOLATOR IN ACCORDANCE WITH AP 3.3.2 AND PERFORMED PMT CHECK OK
W148564	GTS-2GTS*PV5 B	HYDRAULIC FLUID	INSPECTED VLV FOUND NO LEAKAGE, NO PROBLEMS RETORQUED COVER. BOLTS TO 30 IN LBS WITH TORQUE WRENCH IC 7223 DUE 890522
		LEAKING OUT OF ACTUATOR CASING TROUBLESHOOT SYS-ACTUATOR FOR LEAKS	
W148565	GTS-2GTS*PV5 A	HYDRAULIC FLUID	INSPECTED VLV THROUGH INSP COVER NO LEAKS, NO PROBLEMS
		LEAKING OUT OF ACTUATOR CASING TROUBLESHOOT SYSTEM - ACTUATOR FOR LEAKS	
W148567	GTS-2GTS*MOV 3B	HYDRAULIC FLUID	DID A VISUAL INSP THROUGH INSP COVER - NO LEAKAGE NOTED
		LEAKING OUT OF ACCUATOR - TROUBLESHOOT SYS-ACTUATOR FOR LEAKS	
W148848	CSH-2CSH*LT3 A	REPLACE LVL TRANSMITTER 2CSH-LT3A AND VERIFY EXACT POSITION OF THE ELEVATION SUPPRESSION SWITCH-CONTACT S NICOLAOS PRIOR TO PERFORMING X1247	WITH SWITCH IN MIDDLE POSITION COULD ONLY GET DOWN TO 1.13VDC, LEFT SWITCH IN SUPPRESSION POSITION, REPLACED TRANSMITTER WITH NEW TRANSMITTER SERIAL 41324
W148938	RDS-2RDS*HCU 38	B SOLENOID IS LEAKING BY	REPLACE SOLENOID VLV RETAINED ORIG SOLENOIDS A AND B 93-51-585-TORQUE WRENCH IC 2936
		SOLENOID STICKS OPEN WHEN A SOLENOID WAS DEENERGIZED AIR LEAKS BY TO B SIDE PLEASE REPAIR OR REPLACE AS NEC	
W148946	NMP-C51-K605	HIGH TRIP SETPOINT COMES IN TOO EARLY (N2-ISP-RMC-Me001 STEP 7.3.3)	CLEANED EDGE CONNECTOR ON REF CARD



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WR Number	EPN Number	Failure desc	Corrective Action
W148956	ISC-2ISC*LS1 684A	TROUBLESHOOT TRIP UNIT B22-N684A (2CEC*PNL609)  B22-K148A DE-ENERGIZED TROUBLESHOOT	STATUS SWITCH LEFT IN THE REVERSE POSITION AND OUTPUT SWITCH LEFT IN THE NORM POSITION
W148989	SWP-2SWP*FT9 6A	ABNORMAL CHAR  2SWP-FT96D 200A AND PDT1A HAVE HAD WATER LEAKING ON THEM OPEN AND INSPECT FOR DAMAGE	XMITTER COVERS WERE REMOVED AND INSIDE WAS INSPECTED FOR DAMAGE
W148990	SWP-2SWP*FT9 6B	2SWP-FT96B  FT200B PDT1B HAVE HAD WATER LEAKING ON THEM OPEN AND INSPECT FOR DAMAGE	INSPECTED TRANSMITTERS REPLACED O-RINGS AS PER GEN 002 ON 96B AND 1B, 200B FOUND TO HAVE CORROSION, WR 156686 WRITTEN TO REPLACE (URGENT)
W148991	SWP-2SWP*FT9 6C	ABNORMAL CHAR  2SWP-FT96C 200C AND PDT1C HAVE HAD WATER LEAKING ON THEM OPEN AND INSPECT FOR DAMAGE	XMITTER COVERS WERE REMOVED AND INSIDE WAS INSPECTED FOR DAMAGE, NO DAMAGE WAS FOUND
W149003	MSS-2MSS*TS1 615B	DURING PROCEDURE N2-ISP-LDS-M009 STEP 7.2.3 2MSS-TS-1615B (E31-N615B) ALARMED BUT DID NOT BRING IN MSS MC102 AND LOGIC FOR MSIV PILOT SOV A-B DID NOT DE-ENERGIZE PER PROCEDURE-TROUBLESHOOT	REPLACED TRANSMITTER SWITCH E31-N615B WITH NEW PART SYM NUMBER 93-50-077
W149016	RHS-2RHS*PT7 C	PT7C READS 175 LBS ABOVE SYS PRESSURE TROUBLESHOOT AS NEC  LOC 2CES-RAK021 RX BLDG EL 175	VERIFIED PRESSURE AT PT7C TO BE 225PSI WITH TEST GAUGE IC7291 ALSO VERIFIED SERO ON INDICATORS WHEN VALVED OUT AND VENTED ON 1-7-89 INDICATION IS CORRECT NO PROBLEM FOUND KEVIN DAHL 1-7-89 MTU P17C ALSO INDICATOR 225 PSI WHEN TEST GAUGE USED TO VERIFY PROCESS PRESSURE
W149021	NMS-2NMS*C51 -K605	15 VOLT REGULATOR IS CAUSING METER TO GIVE ERRONEOUS READINGS TROUBLESHOOT (5LOT Z39)	REPLACED 15V REGULATOR CARD PN 136B2772AA602 SYM 93-25-041

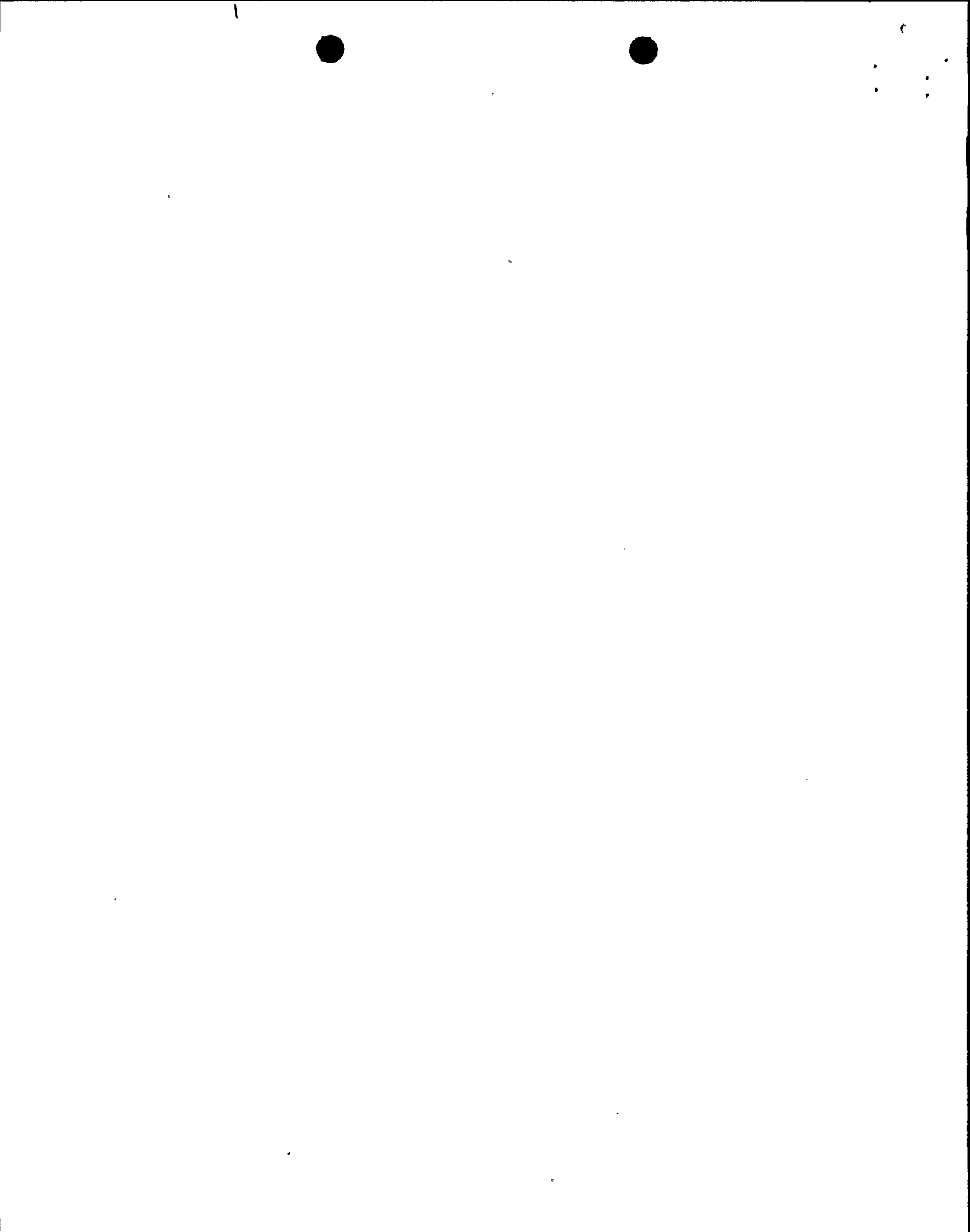


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WR Number	EPN Number	Failure desc	Corrective Action
W149032	CMS-2CMS*TE5 1A	EL 199  TEMP ELEMENT APPEARS TO BE DRIFTING DOWN PLEASE CHECK TEMP ELEMENT TE51B AT SAME LOCATION - INDICATES 75 DEGREES AND AGREES WITH ALL OTHERS	LIFTED LEADS FROM FIELD AND TOOK OHM MEASUREMENT, RE-LANDED LEADS
W149033	SWP-2WP*FT96 E	ABNORMAL CHAR  EQUIP HAS HAD WTR LEAKING ON IT OPEN AND INSPECT FOR DAMAGE	XMITTER COVERS WERE REMOVED AND INSIDE WAS INSPECTED FOR DAMAGE, NO DAMAGE WAS FOUND
W149035	RHS-2RHS*TE8 2B	THERMOCOUPLE TO METER IND 9 DEGREES F LESS THAN ACTUAL GEN AREA TEMP WITH PYROMETER  RECAL REPAIR 2RHS*TE82B AND CIRCUITRY TO IND E31-N639B AT 2CEC-PNL642 AS NEC	PERFORMED AREA CHK FOUND TEMP READINGS TO BE WITHIN 4 DEGREES F BETWEEN IND AND LOCAL PYROMETER READING
W149100	NMS-2NMS-C51 -K6051	WHILE PERFORMING N2-ISP-RMC-Q101 FOUND REF TEST POT TO BE WORKING ERRATICALLY TROUBLESHOOT	REPLACED R63 (REF POT) IN RBM A PN 175A/008P006 ISSUE NO 046613
W149162	RSS-2RSS*PWR S 105	ZERO POT IS DAMAGED  REMOVE AND REPLACE THE ZERO POT WITH A NEW POTENTIOMETER OBTAINED FROM A NEW SAFETY RELATED I-E CONVERTER CARD REF FOXBORO MI 2AI-140	REMOVED BROKEN PART FROM N-2AI-13V S/N 4739430 AND REPLACED IT WITH SAME PART FROM N-2AI-13V CUSTOM S/N 5279957
W149170	DFR-2DFR*LS1 47	PERFORM REGD EQ INSPECTIONS PER EGMPDS C021LAY	INSPECTED HOUSING AND O RING
W149171	DFR-2DFR*LS1 48	PERFORM REGD EQ INSP PER EGMPDS C021LAX	INSPECTED HOUSING AND O RING
W149172	HVY-2HVY*TIS 33NB	INSPECT TEMP SWITCHES FOR POSSIBLE WATER INTRUSION OR CORROSION	INSPECTED AS FOLLOWS, TIS33A NO CORROSION DAMAGE, TIS33B FULL OF WATER - SEE WR NO 149412, TIS33C MINOR CORROSION, NO AFFECT ON UNIT
W149173	CEC-2CEC*PNL 602	CIRCUITS IN ALARM	CHANGED LOGIC JUMPERS FOR WINDOWS 602218 AND 602224 FROM NO TO NC, WORK TO BE COMPLETED BY WR 149188 AND WR 149189, MULTIPLE PROBLEMS UNCOVERED WHICH ARE BEYOND



WR Number	EPN Number	Failure desc	Corrective Action
			SCOPE OF THIS WR
		REF MOD 87-201 TROUBLESHOOT ANNUNCIATORS 602218 AND 602214-LOGIC SEEMS TO BE REVERSED EACH WINDOW HAS 7 ALARM INPUTS AND 6 OF THE 7 FOR EACH WINDOW ARE IN ALARM (THESE ARE NEW ALARMS UNDER REF MOD)	
W149174	CSH-2CSH*ADV 108	REPLACE SOV ON 2CSH-ADV108 WITH ALTERNATE MODEL ASCO VLV P-N NP8320A185E PER E AND DCR C93792A AND MOUNTING DETAIL E AND DCR C94379A	INSTALLED NEW SOV D DUVAL 890119, COMPLETED SOV INSTALLATION BY INSTALLING AIR SUPPLY R ALBERICO 890120, ELECTRICAL TERMED SOV AND MECHANICAL REPAIRED AIR SUPPLY TUBE TO SOV (ON SUPPORT SHEETS)
W149402	SWP-2SWP*FT9 6F	INSTRUMENT HAVE HAD WTR LEAKING ONTO THEM OPEN AND INSPECT FOR DAMAGE SN BLDG DIV I AND II SVCE WTR PUMP ROOMS	OPENED TRANSMITTER COVERS TO CHECK FOR WATER DAMAGE, NO DAMAGE FOUND
W149408	RPS-2RPS-ZS1 A	RECAL 2RPS-ZS1A	PERFORMED N2-ISP-RPS-R102, FOUND SETPOINT HAD DRIFTED READJ.
W149409	RPS-2RPS*ZS1 C	RECAL 2RPS-ZS1C	PERFORMED N2-ISP-RPS-R102, SETPOINT READJUSTED
W149410	RPS-2RPS*ZS1 D	RECAL 2RPS-ZS1D	PERFORMED N2-ISP-RPS-R102, SETPOINT READJUSTED
W149419	RDS-2RDS*LSY 11A	PERFORM REQD EQ INSP PER EQMPDS P800ADD REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149420	RDS-2RDS*LSX 11A	PERFORM REQD EQ INSPECTION PER EQMPDS P800ADD REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149421	RDS-2RDS*LSY 11B	PERFORM REQD EQ INSPECTIONS PER EQMPDS P800ADD REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149422	RDS-2RDS*LSX 11B	PERFORM REQD EQ INSP PER EQMPDS P800ADD REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149423	ICS-2ICS*LS1 32	PERFORM REQD EQ INSPECTION PER EQMPDS P800ADM REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149424	ICS-2ICS*LS2 06	PERFORM REQD EQ INSP PER EQMPDS P800ADN REV 5	PERFORMED N2-IMP-EQM--015 SAT
W149431	DFR-2DFR*LS1 43	PERFORM REQD EQ INSPECTION PER EQMPDS R021LAU	INSPECTED HOUSING AND O-RING





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CLASS I WORK - INSTRUMENT &amp; CONTROL

JANUARY 89

PAGE: 10

WR Number	EPN Number	Failure desc	Corrective Action
W149434	DFR-2DFR*LS1 46	PERFORM REQD EQ INSP PER EQMPDS C021LAZ	INSPECTED HOUSING AND O RING
W149521	SWP-2SWP*FT2 00B	REPLACE TEST PLUGS ON VLV MANIFOLD WITH A MALE CONNECTOR AND PLUG (REF PRS 06837 AND 07340)	REPLACED TEST PLUGS WITH MALE CONNECTOR AND PLUG
W156626	ZZZ-C72AZ02A -1	THE CONNECTION IS BEGINNING TO BE SHORT - REPLACE C Y - THIS IS A ROSEMOUNT CALIBRATOR EL 306 CR 2CEC-PNL609 REF DWG DL807E166TY	REPLACED CAL UNIT
W156665	MSS-2MS*TS10 70B	WHILE PERFORMING N2-ISP-LDS-M006 TEMP SWITCH E31-617B FAILED TO TRIP MAIN STEAM LINE PILOT SOV LIGHTS 6A-D CHANNEL A AND 7A-D CHANNEL B	REPLACED ALARM CARD
W156672	RHS-2RHS*LE9 7A	RELEASED LEAKAGE  RESEAL MECH JDINT AT 2RHS-LE97A SMALL LEAK AT THREADED CONNECTION	REMOVED LE97A AND APPLIED LOCTITE 580 PIPE SEALANT
W156686	SWP-2SWP*FT2 00B	ABNORMAL CHAR  DURING INSPECTION OF FT200B CORROSION FOUND ON TERMINAL SIDE OF XMITTER FURTHER INSP FOUND HEAD OF TERMINATION SCREW CORRODED OFF REPLACE 2SWP-FT200B	REPLACED TRANSMITTER 2SWP*FT200B, CALIBRATION PERFORMED ON N2-ISP-SWP-R101 ATT NO. 2
W156777	CSH-2CSH*PI1 03	GAUGE READS APPROX 100 PSIG HIGH	RECALIBRATED GAUGE
W156800	GTS-2GTS*MDV 3B	VALVE ACTUATOR IS LEAKING OIL OUT OF CASE  LEAVING A LARGE PUDDLE OF OIL UNDER IT	TIGHTENED FITTING TORQUED COVER BACK INTO PLACE TO 30 IN/LBS USING IC7935 0-300 IN/LB TORQUE WRENCH DUE 890205

93 records listed.



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CLASS I WORK - MECHANICAL MAINTENANCE

JANUARY 89

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W120272	CSH-2CSH-PSS POB6A1	REWORK RETAINING SCREWS FOR DUST COVER PER MAINT PROC N2-MMP-GEN-352-3  REF NCR 2-87-0116	REMOVED (3) EXISTING SCREWS AND WASHERS - REPLACED WITH (3) NEW SCREWS AND WASHERS LOCTITE SAME
W120462	MSS-2MSS-SOV 'S	INSTALL TEMPORARY STAINLESS STEEL MANIFOLD BLOCKS IN NITROGEN LINES TO NINE PSV'S TO PERMIT ENERGIZING OF ADS SYSTEM RELOCATE TEMPORARY SPLIT FLANGER FROM SRV CONTROL VALVE TO STAINLESS STEEL BLOCKS CONNECT LINES	INSTALLED MANIFOLD BLOCKS
W124822	MSS-2MSS*PSV 137	OPERATOR OBSERVED ACTUATOR MOVEMENT DURING 2MSS-PSV137 STROKING PERFORM THE WORK STOPS AS ATTACHED CONTACT ALBERT HWU BEFORE PERFORMING THE WORK TROUBLESHOOT	COMPLETED STEP AS REQUIRED IN ATTACHED PAPER.
W127761	RDS-2RDS-HCU 46-07	REBUILD NO. 111 CARTRIDGE VALVE REMOVED FROM 2RDS-HCU46-07 RETURN VALVE TO WAREHOUSE AFTER BEING REBUILT VALVE REMOVED ON WR 146501	REPLACED WORN OR BROKEN PARTS SO VALVE WILL BE USEABLE IN FUTURE
W127762	RDS-2RDS*HCU 46-19	REBUILD 111 CARTRIDGE VALVE REMOVED FROM 2RDS-HCU46-07 RETURN VALVE TO WAREHOUSE AFTER BEING REBUILT VALVE REMOVED ON WR 136264	REPLACED WORN PARTS FROM VALVE
W127768	RCS-2RCS*V14 OB	NEW VALVE TO BE INSTALLED ON MOV18B VENT	PACKED VALVE
W127785	RCS-2RCS*V23 B	CUT DRAIN LINE ON THE DISCHARGE OF V23B TO FACILITATE INSTALLATION OF PUMP REINSTALL AFTER VALVE WORK	REMOVED PIPING AND THEN REPLACED PIPE 22 INCHES OF STAINLESS STEEL
W128697	RHS-2RHS-PSS P518	SNUBBER NOT MARKED WITH COMP ID NO 2RHS-PSSP518A2 (SNUBBER SER NO - 06743) WIRE METAL TACK WITH COMP ID TO SNUBBER BZ 71SZ	MADE TAG AND ATTACHED TO SNUBBER.
W135336	ICS-2ICS*T1	OVERSPEED DEVICE EXHIBITS A SLIGHT DRAG WHEN PUSHED TO ITS NORMAL UNTRIPPED POSITION  PLEASE FREE UP AS REQD TO DECREASE THE DRAG TROUBLESHOOT ONLY	CLEANED MECHANISM TO OVERSPEED TRIP AND TRIPPED THE DEVICE BY HAND, SEEMS TO WORK FINE
W135982	EGD-NO COMP ID	PUMP LEAKS OIL AROUND PUMP SHAFT	REPLACED PUMP ASSEMBLY



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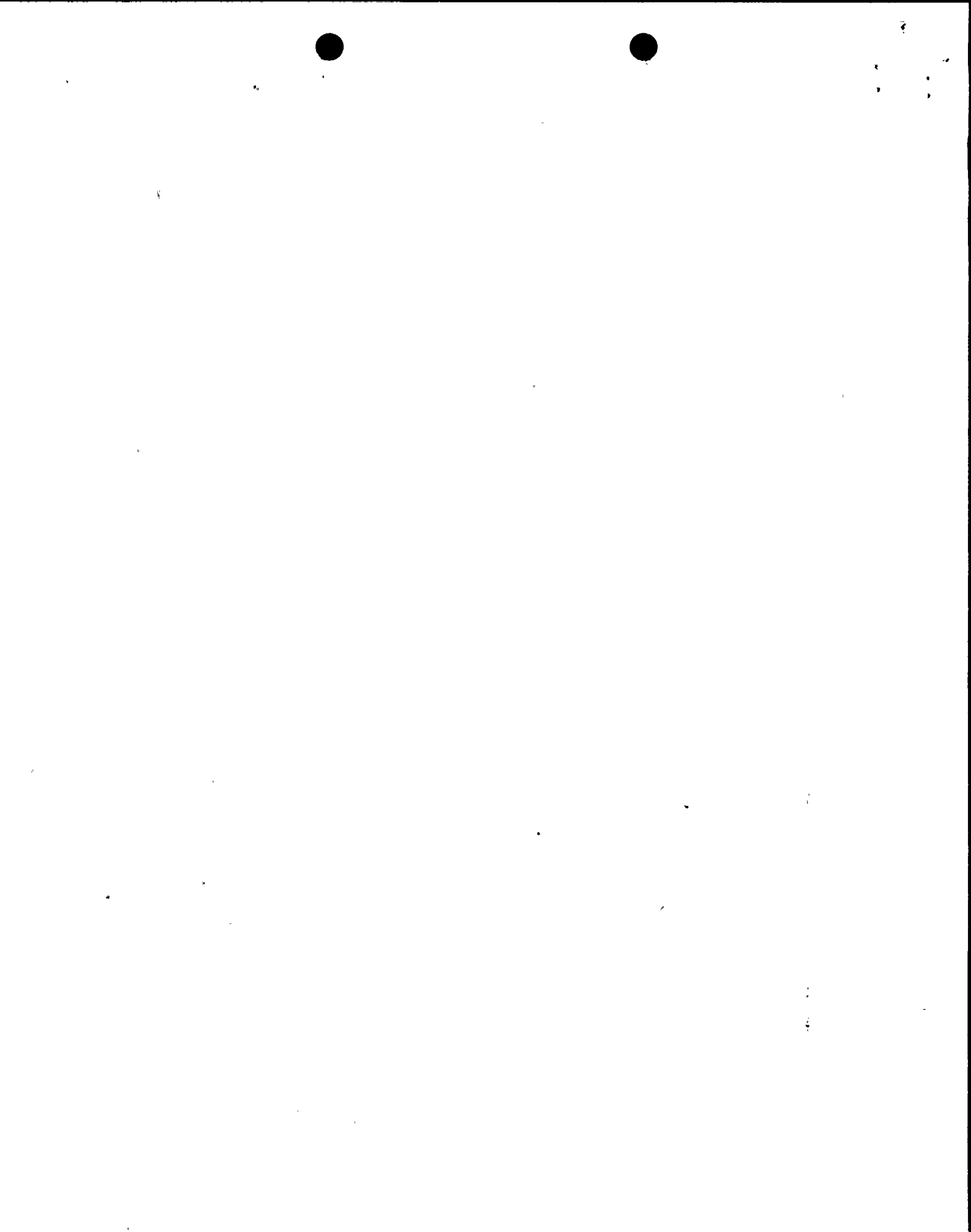
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WR Number	EPN Number	Failure desc	Corrective Action
W136264	RDS-2RDS*V11 1	VALVE IS NORMALLY OPENED WHEN CLOSING VALVE  PACKING LEAKS BY AIR BETWEEN IT AND THE STEM INTERMITTANTLY WHEN YOU CYCLE THE VALVE OPEN AND SHUT IT STOPS TEMPORARILY	REMOVED WORN CARTRIDGE 111 VALVE AND REPLACED WITH NEW VALVE, REF WR 127762 FOR REPAIR OF CARTRIDGE REMOVED
W136499	RCS-2RCS*MOV 18A	THE STUDS (DONNET) HOLDING THE VENT LINE SUPPORT ARE TOO LONG AND CANNOT BE TORQUED  CUT THE STUDS AND TRANSFER THE HEAT NUMBERS ASME TRAVELER REQD TORQUE TO 1360-1500 LBS	REMOVED STUDS CUT TO LENGTH AND TRANSFERRED HEAT NO. RCA PT DONE BY CBI
W136517	RCS-2RCS*V14 OB	REMOVE VENT VALVE AND ASSOC PIPING AS REQD TO TO ALLOW INTERNAL INSPECTION OF 2RCS*MOV18B AND DETERMINE METHOD OF REPAIRS TO MOV18B  REINSTALL VALVE AND LINE BY WELDING LOCATED 261 ELV D.W.W 2 FT BELOW GRATING	REMOVED VENT VALVE AND PIPING 10/5/88. REINSTALLED VENT VALVE AND PIPING 11/19/88 (INSTALLED 1 NEW VALVE AND 2 SECTIONS OF PIPE.
W136593	RDS-2RDS*V11 1	VLV LEAKS  REBUILD CARTIDGE ASSEMBLY AS NEEDED LOCATED IN MAINT SHOP SUP OFFICE CARTRIDGE WAS REMOVED FROM HCU-42-15 AS PER WR 147458	REPLACED WORN OR DAMAGED PARTS SO VALVE WILL BE ACCEPTABLE AND READY FOR USE
W136595	RCS-2RCS*P1B	NOTE REF NCR 2880057  DURING REASSEMBLY OF COUPLING IN B PUMP THE BOLTING WAS FOUND TO BE MIXED WITH BOLTS FROM -A- PUMP THIS WAS FOUND DOING MWR 20650 (MOD 87-157) IDENTIFY PROPER BOLTS AND PUT IN PROPER LOCATION	RETURNED BOLTS AND NUTS MARKED DL TO PROPER LOCATION IN COUPLING. EIGHT BOLTS AND NUTS FOUND WITH NO MARKINGS STAMPED AND RETURNED TO PROPER COUPLING LOCATION. COUPLING BOLTS TORQUED AND LOCK WIRED.
W136783	RDS-2RDS*HCU 3039	RELEASED LEAKAGE  THERE IS A N2 LEAK SOMEWHERE BY THE FOOT VLV OR STAINLESS PIPING PLEASE REPAIR AS NECESSARY	REMOVED GAGE AND CLEANED THREADED PORTION OF ADAPTER ADDED LOCTITE PST 580 TO THREADS TO STOP N2 LEAKAGE



07:08:26 02-06-89

## CLASS I WORK - MECHANICAL MAINTENANCE

JANUARY 89

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
W136786	RDS-2RDS*185 9	RDS ACCUMULATOR 18-59 INSTRUMENT ROOT VALVE V-111 STEM PACKING LEAKS WHILE VALVE IS OFF ITS BACKSEAT	REPLACED OLD VALVE WITH NEW VALVE
W138058	RHS-2RHS*MOV 40A	WATER LEAKING FROM 4 DRILLED HOLES ON BODY OF VALVE JUST BELOW THE BONNET NO VISIBLE MEANS OF ADJUSTING-STOPPING LEAK LEAKAGE IS CREATING CONTAMINATION OF VALVE ROOM TROUBLESHOOT	RETORQUE BOLTS DOWN STOP LEAK
W138664	EGS-2EGS*EG2	OIL LEAK  OIL FLTR INLET FLANGE MISSING A BOLT OIL IS LEAKING OUT ONTO SKID FILTER IS AT SE CORNER OF ENG SKID	REMOVED TEMPORARY BOLTS AND INSTALLED ORIGINAL AND NEW BOLT.
W139286	MSS-2MSS*ADV 7B	AIR LEAK ON VALVE STEM  REPACK VALVE	REPLACE PARTS, REMOVED OLD PACKING AND RESTORED VALVE WITH NEW PACKING, 1 RING ROPE - 3 RINGS GRAFOIL-1 RING ROPE-LANTERN RING-1 RING ROPE, 1 RING GRAFOIL 1 RING ROPE
W145820	SWP-2SWP-LS7 3A	NEED TO HAVE COVERS OVER LEVEL SWITCHES REMOVED SO SURVEILLANCE TESTS N2-ISP-SWP-R104 AND N2-ISP-SWP-R106 CAN BE PERFORMED ON 881031	REMOVED COVERS LSS73A, 73B, 30A, 30B, 11/3/88. REINSTAL LED COVERS 1/6/89
W145866	HVR-2HVR*UC4 13A	FLUSH COOLING COILS FOR UNIT COOLER RTR PIPING AS REQD (BOLTED ONLY) PIPING REMOVAL WILL REQUIRE DISMANTLING OF SWP*V70A 72A 73A 74A 65A 66A 67A 68A 508A THRU 511A 522A THRU 525A	COILS FLUSHED
W145867	HVR-2HVR*UC4 13B	FLUSH COOLING COILS FOR UNIT COOLER RTR PIPING AS REQD (BOLTED ONLY) PIPING REMOVAL WILL REQUIRE DISMANTLING OF SWP*70B 72B 73B 74B 65B THRU 68B 508B THRU 511B 522B THRU 525B	FLUSHED AND REMOVED AND REINSTALLED THE FOLLOWING VALVES
W146217	RHS-2RHS*PSS P 1028A2	REMOVE AND REINSTALL SUPPORT 2RHS-PSSP-1028A2  BZ-13ALW TO PROVIDE ACCESS FOR REWORK TO 2RHS-LS97A BEING PERFORMED PER WR 148029 AZ-98 DEGREES EL 191	REMOVE AND REINSTALLED 2RHS-PSSP-102 8A2 SUPPORT.
W146416	RDS-2RDS*HCU 1831	CARTRIDGE VLV 111 OF HCU-L413  18-31	REPLACED WORN VALVE WITH NEW COMPONENT



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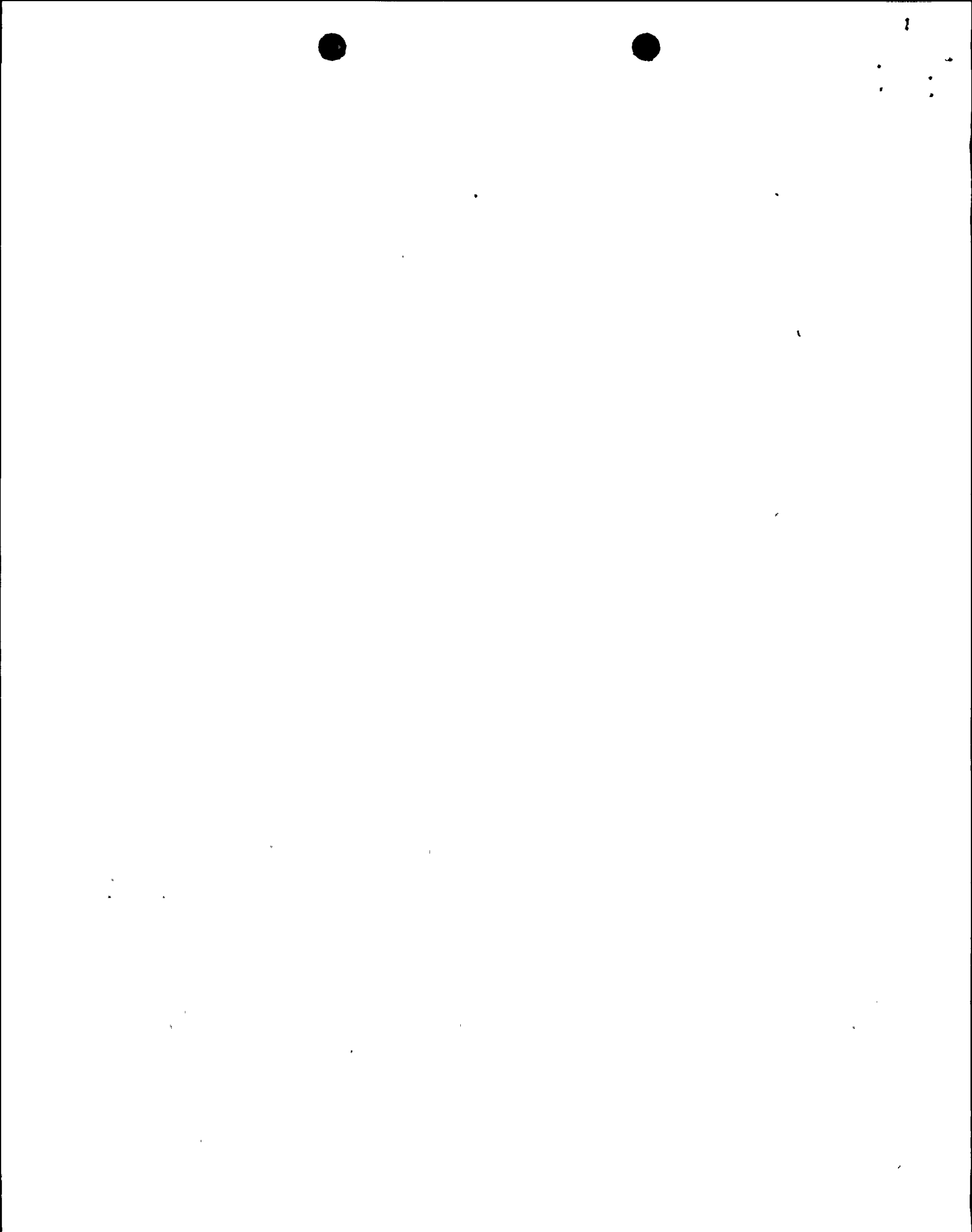


WR Number	EPN Number	Failure desc	Corrective Action
		LEAKS AROUND STEM WHEN VLV IS CLOSED - RECOMMEND VLV BE REPLACED PN NO 1174272P001 REF GEK 39469 PRINT 731E947	
W146429	IAS-2IAS-EFV 204	VLV CHECKS PROPERLY BUT REQUIRES MECH AGITATION TO RESET VLV CURRENTLY RESET (NORMAL POSITION)	REPLACED EFVV 204, AND RETORQUE BZ426GD
W146473	CPS-2CPS*V51	2CPS*V51 FAILED LLRT N2-ISP-CNT-R002 ATT 95  LEAK RATE EQUALS 1.486 SCFH TECH SPEC TABLE 3.6.1.2-1 TOTAL LEAKAGE LESS THAN EQUAL TO 3.6SCFH FAILED ASME SECTION XI VALVE LEAK RATE CRITERIA REPAIR VALVE ASME XI ALLOWABLE 0.9375SCFH	CLEANED AND LAPPED VALVE AND REASSEMBLED
W146501	RDS-2RDS-HCU 46-07	CARTRIDGE VLV 111 LEAKS BY  ALSO PACKING LEAKS PLEASE REPAIR - REPLACE AS NECESSARY	REMOVE OLD CARTRIDGE VC111 AND REPAVED WITH NEW ONE, REF WR 127761 FOR REPAIR OF CARTRIDGE REMOVED
W146568	IAS-2IAS*V96 7	IAS*V967 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 270 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REMOVED OLD PACKING, CLEANED STEM AND PACKING BORE AND INSTALLED NEW PACKING.
W146569	IAS-2IAS*V96 8	IAS*V968 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 270 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REMOVED OLD PACKING, CLEANED STEM AND PACKING BORE, AND INSTALLED NEW PACKING.
W146570	IAS-2IAS*V96 9	IAS*V969 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 270 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REMOVED OLD PACKING, CLEANED STEM AND PACKING BORE, AND INSTALLED NEW PACKING.
W146571	IAS-2IAS*V97 0	IAS*V970 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 270 DEG ON THE OUTSIDE OF THE	REMOVED OLD PACKING, CLEANED STEM AND PACKING BORE, AND INSTALLED NEW PACKING.



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WR Number	EPN Number	Failure desc	Corrective Action
		PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	
W146572	IAS-2IAS*V96 4	IAS*V964 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 90 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REPLACED OLD PACKING WITH GRAFOIL
W146573	IAS-2IAS*V96 5	IAS*V965 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 90 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REPLACED OLD PACKING WITH GRAFOIL
W146574	IAS-2IAS*V96 6	IAS*V966 LEAKS PAST ITS PACKING  PLEASE REPAIR LOCATION ELE 261 AZ 90 DEG ON THE OUTSIDE OF THE PRIMARY CONT. WALL CAUSES N2-ISP-IAS-R106 TO FAIL	REPLACED PACKING
W146740	SFC-2SFC*V20 4	OUT OF SPEC  VLV FAILED ITS LEAK RATE TEST (N2-ISP-CNT-R002 ATT NO 41) FOUND VLV PACKING LEAKING TIGHTENING PACKING DID NOT HELP	REPLACED 1 RING OF PACKING
W146747	RDS-2RDS*V-1 11(4619)	NITROGEN ACCUMULATOR CHARGING VALVE (V-111) OF HCU 4619 REACTOR BLDG EL 261 NORTH SIDE LEAKS	REPLACED VALVE WITH NEW VALVE
W146786	IAS-2IAS*SV2 0A	2IAS-SV20A LIFTED NUMEROUS TIMES DURING TESTING OF A HEADER FLOW CONTROL TESTING CHECK VLV FOR LEAKAGE AND PROPER SETPOINT PERFORMANCE - RX EL 289	REMOVED VALVE AND LAPPED SEATS AND CALIBRATED
W147015	ICS-2ICS*MOV 136	MOVATS IND PACKING DRAG  LOOSEN UP ON PACKING 2 OR 3 FLATS TO SEG IF DRAG IS LESS LUBRICATE STEM ALSO	BACKED PACKING NUTS OFF APPROX 4 FLATS
W147027	IAS-2IAS*TK3 2	CUT AND CAP(WELD) IAS DRAIN LINES PER PR 8366 AND DOCUMENT ON A TEMP MOD  NOTE WHERE LINES ARE CUT AND WELDED	INSTALLED SOCKET WELD PLUG IN VALVE 2IAS*1500-1509, CAPPED 1510, PLUGGED 1513, 837, 846, 861, 848, 863, 190 & 193. REMOVED V 1511 FOR INSPECTION.
W147032	ZZZ	RX BLDG EL 289 INSTALL WELDED LIFTING EYE ABOVE 2RHS-MOV15A TO THE EMBEDMENT STEEL OVERHEAD	PAD EYE WAS NEVER INSTALLED AND STAMPED. PAINTING SHALL BE DONE BY CBI ON WR 147045



WR Number	EPN Number	Failure desc	Corrective Action
		REF EDC NO 2500030	
W147038	CSH-2CSH*ADV 108	SWITCHES FROM VALVE REMOVE MOUNTING BRACKET FOR ENG TO LOOK AT TO DESIGN A NEW LIMIT SWITCH BRACKET	REMOVED LIMIT SWITCH BRACKET
W147044	CSH-2CSH*ADV 108	MAKE ITEMS ON THE ATTACHED PRINTS TO BE EVALUATED FOR USE ON A FUTURE MOD ITEMS NOT TO BE INSTALLED ON THIS WR OTHER THAN TO CHK FLT UP USE SAFETY RELATED STOCK	MADE PART PER EDC M00184.
W147054	IAS-2IAS*EFV 204	CUT VALVE P/N 14437N-11SF (1650 PSI) AND REMOVE SNAP RING FOR INSTALLATION IN VALVE P/N 14437N-11SF (350PSI)  WELD 3/4 IN. NIPPLE ON ENDS OF VALVE USING PROCEDURE IN SHOP AND WELD UP IN FIELD UNDER WR 149149	REMOVED SNAP RING FROM SN P61189 AND INSTALLED IN SN 061145 AND WELDED IN 2-3/4 INCH NIPPLES, ALSO REPLACED FLOW RESTRICTOR.
W147202	MSS-2MSS*PSV 122	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	INSTALLED AIR LINES USING NEW O RINGS AFTER OPS PERFORMED FLUSH.
W147204	MSS-2MSS*PSV 124	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	INSTALLED AIR LINES USING NEW O RINGS AFTER OPS PERFORMED FLUSH.
W147205	MSS-2MSS*PSV 125	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	INSTALLED AIR LINES USING NEW O RINGS AFTER OPS PERFORMED FLUSH.
W147206	MSS-2MSS*PSV 126	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	INSTALLED AIR LINES USING NEW O RINGS AFTER OPS PERFORMED FLUSH.
W147207	MSS-2MSS*PSV 127	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	INSTALLED AIR SUPPLY LINES USING NEW O RINGS AFTER OPS PERFORMED FLUSH.
W147208	MSS-2MSS*PSV 128	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	DISCONNECTED N2 MANIFOLD, REPLACED O RINGS AND TORQUED.



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WR Number	EPN Number	Failure desc	Corrective Action
W147209	MSS-2MSS*PSV 129	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	DISCONNECTED AND RECONNECTED SOV MANIFOLD. INSTALLED AIR SUPPLY LINES USING NEW O RINGS.
W147210	MSS-2MSS*PSV 130	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	DISCONNECTED AND RECONNECTED SOV MANIFOLD. INSTALLED AIR SUPPLY LINES USING NEW O RINGS.
W147211	MSS-2MSS*PSV 136	DISCONNECT AND RECONNECT N2 SUPPLY TO SOV MANIFOLD FOR VISUAL INSPECTION PER GE TECHNICAL RECOMMENDATION CONTACT ALBERT HWU X4938 FOR OFFICIAL INSPECTION	DISCONNECTED AND RECONNECTED AIR MANIFOLD. INSTALLED AIR SUPPLY LINES USING NEW O RINGS.
W147250	MISC-NOCOMPI D	INSTALL NO. 3 PAD EYES ABOVE 2WCS*MOV112 TO ALLOW FOR EASE OF MAINTENANCE ON VALVE REF EDC 2500031 BEAM NUMBERS B169 B179	ORIGINAL INSTALLATION
W147301	RCS-2RCS*V59 A	CONTAINED LEAKAGE  2RCS-V59A FAILS TO CHK PROPERLY AS INDICATED BY EXCESSIVE LEAKAGE DURING TESTING LOCATION RX 261 AZ 43 DEGREES	REMOVED OLD VALVE REINSTALLED NEW VALVE
W147302	RCS-2RCS*V90 A	CONTAINED LEAKAGE  VLV FAILED TO CHECK PROPERLY AS INDICATED BY A LEAK RATE OF NY SCFH	REPLACED OLD VALVE WITH NEW ONE AND WELD IN
W147333	CSH-2CSH*ADV 108	2CSH*ADV108 FAILS TO PASS LLRT  VALVE NOT SEATING PROPERLY UNABLE TO HYDRO FIX	DISASSEMBLED VALVE, CLEANED AND INSPECTED ALL PARTS. REPLACED INDICATOR ROD, INDICATOR ROD PACKING, STUFFING BOX GASKETS, AND ACCUATOR STUFFING BOX BUSHING.
W147458	RDS-2RDS*V11 1	VLV LEAKS BY EXCESSIVE NITROGEN WHEN YOU SHUT IT  PLEASE REPAIR AS NEC	REPLACE CARTRIDGE ASSEMBLY (93-72-064) FOOT VALVE
W147484	SWP-2SWP*V10 24	VALVE STICKS IN THE OPEN POSITION AND REQUIRES MECHANICAL AGITATION TO MAKE IT SEAT DISASSEMBLE VALVE CLEAN APPLY NEVER SEIZE AND REINSTALL NOTE REQUIRES A FREEZE SEAL TO ISOLATE	DISASSEMBLED, CLEANED, INSPECTED, BLUE CHECK SEAT AND REASSEMBLED
W147502	RCS-2RCS*MOV	THE TWO BONNET STUDS HOLDING THE VENT VALVE BRACE	REMOVED STUDS 12-3-88 DICK ADAMS



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07:08:26 02-06-89

## CLASS 1 WORK - MECHANICAL MAINTENANCE

JANUARY 89

PAGE: 8

WR Number	EPN Number	Failure desc	Corrective Action
	18A	HAVE TO BE REMOVED FOR INSPECTION REMOVE STUDS CBI TO INSPECT THEN REINSTALL AND TORQUE TO 1360-1500 FT LBS	
W147531	RHS-2RHS*PSS H1042A1	SUPPORT NEEDS TO BE REMOVED SO ELECT MAINT CAN DO PREVENTATIVE MAINT (N2-EPM-GEN-R520) ON 2RHS-MOV67A REINSTALL WHEN MAINT COMPLETE	REMOVED SPRING CAN SUPPORT SO ELEC CAN DO PREVENTIVE MAINT
W147759	ICS-2ICS*MOV 136	2ICS-MOV136 FAILS LLRT WITH EXCESSIVE LEAKAGE  EL 199	DISASSEMBLE VALVE, CLEANED, AND INSPECTED. SEAT LOOK GOOD, BLUE D SEAT 360 DEGREES CONTACT. REASSEMBLED
W147782	RHS-2RHS*MOV 1B	DURING PROCEDURE N2-ISP-CNT-R0002 ATT29 IT WAS FOUND THAT 2RHS*MOV1B HAD EXCESSIVE LEAKAGE (I. E. 5.09 SCFM) ACCEPTANCE CRITERIA MAXIMUM ALLOWABLE LEAKAGE EQUALS 7.500 SCFH RX BLDG EL 195 AZ 275 DEG VALVE PIT	CLEANED VALVE SEAT AND DISC, BLUE CHECKED AND RE-ASSEMBLED
W148150	RCS-2RCS*MOV 18A	2RCS-MOV18A TEST CONNECTION AT TOP OF VLV IS LEAKING FROM ITS THREADED PIPE CAP  WHEN TIGHTENED IT LEAKED WORSE (NOW -30 DPM)	TOOK CAP OFF AND REPAIRED THREADS, PUT PIPE DOPE ON NEW THREADS, PUT CAP ON
W148153	RDS-2RDS*V11 1	RELEASED LEAKAGE  HCU 54-19 N2 CHARGING CARTRIDGE VLV V111 IS LEAKING N2 AROUND STEM REPAIR-REPLACE AS NECESSARY LOCATED RB 261 NORTH HCUS	CHANGED LEAKING VALVE WITH REBUILT ONE
W148191	HVK-2HVK*CHL 1A	1/4 IN. OIL LINE FITTING CRACKED AND NEEDS REPLACEMENT (FITTING ON SOUTHEAST SIDE OF SKID ABOUT 3 FT. HIGH) AND CHECK CHILLER FOR DAMAGE AS IT TRIPPED AND AUTO STARTED SEVERAL TIMES ON LOW OIL PRESSURE	DISASSEMBLED AND CHANGED CAGE FLOAT ASSY
W148429	RDS-2RDS*V11 1	RELEASED LEAKAGE  PIPE CAP DOWNSTM OF RDS-V111 AT HCU 34-07 LEAKS - TRIED CLEANING AND SEALING WITH NEVER-SIEZE DID NOT WORK REPAIR-REPLACE AS NEC	CLEANED THREADS AND RESEALED SAME
W148436	RDS-2RDS*V11 1	RELEASED LEAKAGE  HCU 34-07 RDS-V111 LEAKS AROUND STEM	REPLACED LEAKING VALVE WITH REBUILT ONE



07:08:26 02-06-89

## CLASS I WORK - MECHANICAL MAINTENANCE

JANUARY 89

PAGE: 9

WR Number	EPN Number	Failure desc	Corrective Action
		REPAIR OR REPLACE AS NEC RB 261	
W148537	HVR-2HVR*DMP 18	DAMPER DOWNSTREAM OF 2HVR-UC413A HAS 2 BLADES WITH ALL SIX BOLTS WHICH ATTACH BLADE TO AXLE SHEARED OFF-DRILL OUT AND REPLACE AS REGD LOCN SEC CONT EL 289	REPLACED SHEARED OFF BOLTS WITH NEW ONES, WORKED WITH EDC #2M00175A, ON PROBLEM SOLUTION STEPS A, B, AND D WHERE COMPLETED. STEP C IS GOING TO BE COMPLETED BY CONSTRUCTION.
W148538	HVR-2HVR*DMP 19	DAMPER DOWNSTREAM OF 2HVR-UC413B HAS 3 BLADES WITH ALL SIX BOLTS WHICH ATTACH BLADE TO AXLE SHEARED OFF - DRILL OUT AND REPLACE AS REGD-LOCN SEC CONT EL 289	REMOVED BROKEN BOLTS, REPLACED WITH NEW
W148851	GSN-2GSN*V73 A	VLV PACKING IS LEAKING-PLEASE REPACK OR REPAIR	REMOVED PACKING 12-27-88, REPLACED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 6 RINGS OF PACKING 4 GARFOIL 5/32 AND 2-3/16 ROPE JUNK RINGS TORQUED TO 9 FT. LBS. OPERATED VALVE FIVE TIMES AND RETORQUED.
W148852	GSN-2GSN*V73 B	VLV PACKING IS LEAKING  PLEASE REPACK OR REPAIR - REGD FOR N2-ISP-ADS-R106	REMOVE PACKING. REPLACED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 6 RINGS OF PACK 4 GARFOIL - 2 ROPE JUNK RINGS. TORQUE TO 9 FT LBS, STROKED VALVE FIVE TIMES AND RETORQUED.
W148853	GSN-2GSN*V72 A	VLV PACKING IS LEAKING PLEASE REPACK OR REPAIR - REGD FOR N2-ISP-ADS-R106	REMOVED PACKING 12-28-88 TKP, REPLACED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 6 RINGS. 4 GARFOIL 5/32 AND 2-3/16 ROPE JUNK RINGS TORQUED TO 9 LBS. OPERATED VALVE 5 TIMES AND RETORQUED.
W148855	GSN-2GSN*V72 B	VLV PACKING IS LEAKING  PLEASE REPACK OR REPAIR REGD FOR N2-ISP-ADS-R106	REPAIRED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 6 RINGS. 4 GARFOIL 5/32 AND 2-3/16 ROPE JUNK RINGS. TORQUED TO 9 LBS. OPERATED VALVE 5 TIMES AND RETORQUED.
W148856	GSN-2GSN*V71 A	VLV PACKING IS LEAKING	REPLACED OLD ASBESTOS TYPE PACKING WITH 5 TOTAL RINGS OF PACKING (3-5/32 GARFOIL AND 2-3/16 ROPE JUNK RINGS) TORQUED TO 9 LBS, OPERATED VALVE 5 TIMES, AND RETORQUED.



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WR Number	EPN Number	Failure desc	Corrective Action
		PLEASE REPACK OR REPAIR REQD FOR N2-ISP-ADS-R106	
W148857	GSN-2GSN*V76 A	VLV PACKING IS LEAKING  PLEASE REPACK OR REPAIR REQD FOR N2-ISP-ADS-R106	REPLACED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 6 RINGS. (4 GARFOIL 5/32 AND 2-3/16 ROPE JUNK RINGS) TORQUED TO 9 LBS. OPERATED VALVE 5 TIMES. AND RETORQUED.
W148858	GSN-2GSN*V76 B	VLV PACKING IS LEAKING  PLEASE REPACK OR REPAIR REQD FOR N2-ISP-ADS-R106	REPLACED OLD ASBESTOS TYPE PACKING WITH TOTAL OF 5 RINGS. 3 GARFOIL 5/32 AND 2-3/16 ROPE JUNK RINGS. TORQUED TO 9 LBS. OPERATED VALVE 5 TIMES AND RETORQUED.
W148859	IAS-2IAS*PSE 19A	2IAS-PSE19A IS LEAKING AT THE FLANGE CONNECTION PLEASE REPAIR REQD FOR N2-ISP-ADS-R106	TIGHTEN FLANGE BOLTS.
W148860	IAS-2IAS*PSE 19B	2IAS-PSE19B IS LEAKING AT THE FLANGE CONNECTION PLEASE REPAIR REQD FOR N2-ISP-ADS-R106	TIGHTEN LOOSE FLANGE BOLTS.
W148892	MSS-2MSS*PSS H408A1	REMOVE SUPPORT 2MSS-PSSH408A1  BZ 2FJ IN PRIMARY EL 318 AZ 45 TO PROVIDE ACCESS TO 2MSS-MOV108 LIMIT SWITCH COMPARTMENT FOR ELECT DEPT TO PERFORM PREVENTATIVE MAIN REINSTALL AFTER MAINT IS DONE	REMOVED SUPPORT 2-MSS*PSSH 408A1 TO FACILITATE ELECTRICAL PM ON 2MSS*MOV108 REINSTALLED SUPPORT 890115
W148901	RDS-2RDS*V11 1	HCU 34.23 RDS*V111 LEAKS AROUND STEM DRAINING PRESSURE DOWN RAPIDLY PLEASE REPAIR OR REPLACE AS NECESSARY RB261 NORTH	REPLACED LEAKING VALVE WITH REBUILT ONE
W148948	RHS-2RHS*MOV 15A	FAILED LEAK RATE TEST  SEE N2-ISP-CNT-R-002 ATTACHMENT 26 MAX ALLOWABLE LEAKAGE WAS 5.00 SCFH ACTUAL VLV LEAKAGE WAS 15.524 SCFH TROUBLESHOOT (LOOSEN PACKING FIRST)	ADJUSTED PACKING GLAND NUTS
W148961	RHS-2RHS*ADV 39A	FOUND 2RHS*ADV39A OUT OF SPEC FOR LLRT  TROUBLESHOOT EXCESSIVE LEAKAGE	NO WORK REQUIRED BY LEAD



WR Number	EPN Number	Failure desc	Corrective Action
W148964	EGS-2EGS*EG3	FUEL OIL LEAKAGE NOTABLY GREATER FUEL OIL LEAKAGE IS OCCURRING SOMEWHERE BENEATH THE TURBO SINCE THIS DIESEL HAS BEEN RETURNED TO SERVICE INVESTIGATE FOR SOURCE OR SOURCES AND CORRECT TROUBLESHOOT	TIGHTEN FITTING AND LEAK STOPPED.
W148968	RHS-2RHS*ADV 16A	2RHS*ADV16A DOES NOT PASS LEAKRATE TEST  CANNOT BUILD UP ANY PRESSURE REPAIR	ADJUSTED INDICATOR SHAFT(BENT)REPACKED-ADJUSTED AND CLEANED SEAT SO AS TO MAKE VALVE PAST LLRT
W148994	RHS-2RHS*MOV 30A	TROUBLESHOOT LEAKAGE AT 2RHS-MOV30A COULD NOT PRESSURIZE TEST VOLUME FOR LLRT	REPLACED DISC SEAL ON BOTH 30A AND V381
W149046	RHS-2RHS*MOV 15A	2RHS*MOV15A FAILED ITS TEST FOR ALLOWABLE LEAK RATE ACCEPTANCE CRITERIA IS 5.00SCFH AND TEST SHOWED 19.9 SCFH PROCEDURE N2-ISP-CNT-R0002 ATT 26	REPACKED VALVE
W149047	RDS-2RDS*HCU 3039	NITROGEN LEAK AT FOOT VALVE STEM  REPLACES WR 136783	REPLACE UCUP AND ORINGS IN VALVE THAT WERE WORN
W149149	IAS-2IAS*EFV 204	VALVE DOES NOT CHECK  BLOWS BY DURING N2-ISP-ISC-R003 TROUBLESHOOT	REPAIR CHECK VALVE, USING NEW FLOW RESTRICTOR, SNAP RING AND 2-3/4 INCH BY 6 INCH NIPPLES.
W156631	RHS-2RHS*MOV 15A	RHS*MOV15A FAILED LLRT (LEAK RATE TEST) PLEASE TROUBLESHOOT	VALVE WAS DISASSEMBLED AND LAPPED WITH DEXTER 100R4 VALVE RESEATING TOOL: VALVE PASSED BLUE CHECK TEST. ALSO THIS VALVE WAS REPACKED ON 1-8-89
W156646	IAS-750-607- 2	PIPE 750-607-2 IS LEAKING NITROGEN AT A TEE SWEDGELOCK FITTING BETWEEN IAS*V1508 AND IAS*EFV204 (4 OR 5 FEET FROM IAS*V1508) LOCATED 261 RX BEHIND CES*RAK27	REPLACED WORN CONNECTION WITH NEW ONES, REPLACE PARTS, REPLACED 12" OF SS TUBING, USING UNION AND NEW TEE
W156653	RDS-2RDS*HCU 4623	PRESSURE RELEASE CAP ON VLV BLOCK IS NOT RELEASING H2 PRESURE PROP V111 ON HCU 46-23	INSTALLED NEW PRESSURE RELEASE CAP





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CLASS I WORK - MECHANICAL MAINTENANCE

JANUARY 89

PAGE: 12

WR Number	EPN Number	Failure desc	Corrective Action
W156670	RDS-2RDS*V11 1(5419)	HCU 54-19 CHARGING ISOLATION VALVE LEAKS AROUND STEM FAILED PMT FOR WR 148153 LOCATED RB261 NORTH HCU'S TROUBLESHOOT	REPLACED DEFECTIVE U-CUP AND O RINGS.
W156671	RDS-2RDS*V11 1(3407)	HCU 34-07 CHARGING ISOLATION VALVE LEAKS AROUND STEM FAILED PMT FOR WR 148436 LOCATED RB261 NORTH HCU'S TROUBLESHOOT	REPLACED UCUP AND ORINGS
W156698	RHS-2RHS*MOV 40A	VALVE FAILED LLRT  SOME PACKING LEAKAGE CAN BE HEARD BUT NOT SEEN DUE TO PACKING GLAND BEING IN THE WAY	CONNECTION FAULTY AND PIPE NOT DRAINED COMPLETELY-RECONNECTED FITTING, DRAINED PIPE
W156844	SWP-2SWP*FT2 00B	WHILE PERFORMING N2-ISP-SWP-R101 FOUND 2SWP-FT200B LOW SIDE TEST CONNECTION THREADS TO BE STRIPPED ATTEMPT TO CHASE OUT OR REPLACE MANIFOLD	TAPPED OUT THE THREADS ON MANIFOLD.

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SUMMARY OF CHALLENGES TO SAFETY/RELIEF VALVES DURING 1988

In accordance with Technical Specification 6.9.1.5c, documentation of all challenges to safety/relief valves in 1988 is hereby presented.

All challenges to safety/relief valves (SRV) occurred during power ascension testing. Two SRVs opened automatically in the relief mode during the performance of Power Ascension Test N2-SUT-25-6 (MSIV Full Isolation) on 2/15/88. During the performance of test N2-SUT-27-6 (Generator Load Rejection) on 3/05/88, a reactor scram occurred and two SRVs opened in the relief mode. Post-scram analysis of data indicated that one of the valves remained open below its reset value for 3.5 seconds before closing. This was reported in License Event Report 88-12. The relief function of the valve was removed from service on 3/07/88 and restored on 5/17/88. Mechanical Maintenance personnel discovered that the valve control block was out of mechanical adjustment. The safety function of the valve remained available during the time period the relief mode was out of service. There were a total of twelve challenges to SRVs during the reporting period (six each to the two valves that actuated). No other deviations from expected SRV operation were observed.

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FIGURE 1

NINE MILE POINT NUCLEAR STATION UNIT 2

DOCUMENT TRANSMITTAL AND VERIFICATION MONTHLY REPORT FOR  
JANUARY 1989

ASSIGNED BY J.L. Willis TO P. Charles DATE 2/10/89  
 DUE DATE 2/15/89 LOGGED DATE  
 SUBJECT OPERATING STATISTICS & SHUTDOWN  
 OPERATING EXPERIENCE FOR JANUARY 1989  
 FOR NINE MILE POINT UNIT 2

DOCUMENT ADDRESSED TO Director of Nuclear Reactor Regulation  
 U.S. Nuclear Regulatory Commission  
 Atten: Document & Control Desk  
 Washington, D.C. 20555

PREPARED BY E. Tomlinson DATE 2/9/89  
 REVIEWED BY J. Kinsley DATE 2/9/89  
 R. Watson DATE 2/2/89  
 R. Gayne DATE 2/9/89  
 D. Stevenson DATE 2/9/89  
 S. Doty DATE 2/9/89  
 R. Smith DATE 2/1/89  
 J. Snyder DATE 2/9/89  
 DATE  
 DATE

VERIFIED BY R.B. Abbott DATE 2/10/89  
 DATE  
 DATE  
 DATE

COMMENTS

RECEIVED FOR TRANSMITTAL DATE

SENT TO ADDRESSEE BY Phyllis A. Charles DATE 2/13/89

COPY RETURNED TO SITE BY LOGGED AT SITE DATE  
 FILED AT SITE DOC. CONTROL RECORD DATE  
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NINE MILE POINT—UNIT 2/P.O. BOX 63, LYCOMING, NY 13093/TELEPHONE (315) 343-2110

February 10, 1989

U.S. Nuclear Regulatory Commission  
Document and Control Desk  
Washington, D.C. 20555


SUBJECT: Operating Statistics & Shutdown—January 1989  
Docket No. 50-410  
NINE MILE POINT UNIT 2

Dear Sir:

Submitted herewith is the Report of Operating Statistics and Shutdown for January for the Nine Mile Point Nuclear Station Unit 2.

Also included is a narrative report of Operation Experience for January 1989, and a summary of all challenges to Safety/Relief Valves during 1988 per Technical Specification 6.9.1.5c.

Very truly yours,

  
James L. Willis  
General Superintendent

JLW/sc  
Attachments

xc: Regional Administrator, Region 1  
W.A. Cook, Resident Inspector

*Cert No P967928978*

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