

FIGURE 1
NINE MILE POINT NUCLEAR STATION UNIT 2

MONTHLY REPORT
FOR FEBRUARY 1988

DOCUMENT TRANSMITTAL AND VERIFICATION

Title of Document

ASSIGNED	BY T. Perkins	TO P. Charles	DATE 3/9/88
DUE	DATE 3/15/88	LOGGED	DATE
SUBJECT	OPERATING STATISTICS & SHUTDOWN		
	OPERATING EXPERIENCE FOR FEBRUARY 1988		
	FOR NINE MILE POINT UNIT 2		

DOCUMENT	DIRECTOR
ADDRESSED TO	OFFICE OF INSPECTION & ENFORCEMENT
	US NUCLEAR REGULATORY COMMISSION
	WASHINGTON, DC 20555

PREPARED BY	P. Charles	DATE 3/9/88
REVIEWED BY	E. Tomlinson <i>E. Tomlinson</i>	DATE 3/10/88
	J. Kinsley <i>J. Kinsley</i> M. Williams <i>M. Williams</i>	DATE 3-9-88
	R. Watson <i>R. Watson</i> R. Smith <i>R. Smith</i>	DATE 3/9/88
	R. Gayne <i>R. Gayne</i> D. Stevenson <i>D. Stevenson</i>	DATE 3-10-88
VERIFIED BY	R. Abbott <i>R. Abbott</i>	DATE 3/10/88
		DATE
		DATE
		DATE

COMMENTS

RECEIVED FOR
TRANSMITTAL

DATE 3/10/88

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BY

DATE 3/10/88

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OFFICE STAMPS			

*Dates entry is made into report/response computer monitoring system.

OPERATING DATA REPORT

DOCKET NO. 50-410
 DATE 3/9/88
 COMPLETED BY E. Tomlinson
 TELEPHONE (315)349-2761

OPERATING STATUS

- Unit Name: Nine Mile Point Unit 2
1. Unit Name: _____
2. Reporting Period: 2/1/88 thru 2/29/88
3. Licensed Thermal Power (MWt): 3323
4. Nameplate Rating (Gross MWe): 1214
5. Design Electrical Rating (Net MWe): 1080
6. Maximum Dependable Capacity (Gross MWe): NOT DETERMINED
7. Maximum Dependable Capacity (Net MWe): NOT DETERMINED
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	696	1,440	5,680
12. Number Of Hours Reactor Was Critical	548.25	1,014	4,036.15
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	440.8	906.55	2,431.3
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,119,752	1,981,895.4	4,455,695.8
17. Gross Electrical Energy Generated (MWH)	366,000	628,400	1,265,700
18. Net Electrical Energy Generated (MWH)	334,060	567,550	1,062,035
19. Unit Service Factor	N/A	N/A	N/A
20. Unit Availability Factor	N/A	N/A	N/A
21. Unit Capacity Factor (Using MDC Net)	N/A	N/A	N/A
22. Unit Capacity Factor (Using DER Net)	N/A	N/A	N/A
23. Unit Forced Outage Rate	N/A	N/A	N/A

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
- 1 Planned Scram (Turbine Trip/Load Rejection) for Power Ascension: 3/5/88.
- Planned Outage 5/1/88 thru 5/23/88

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

INITIAL CRITICALITY	Forecast	Achieved
INITIAL ELECTRICITY	_____	5/23/87
COMMERCIAL OPERATION	3/11/88	8/08/87

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1988

DOCKET NO. 50-410
 UNIT NAME NMP2
 DATE 3/9/88
 COMPLETED BY E. Tomlinson
 TELEPHONE (315)349-2761

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
88-01	02/01/88	F	131.4	G	3	88-01	LD	FLT	Operator isolated instrument air causing Condenser/Feedwater Minimum Flow Valves to open. Reactor scrammed on low (level 3) water level. Strengthened administrative controls for tag outs and valve position verification. Continuation from January report period.
88-02	02/15/88	S	123.8	B	3	N/A	N/A	N/A	Planned scram for SUT-25-6 as part of Power Ascension Testing. Initiated with MSIV closure.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-4 10
 UNIT NMP2
 DATE 3/9/88
 COMPLETED BY E. Tomlinson
 TELEPHONE (315)349-2761

MONTH February 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	57
7	343
8	639
9	496
10	735
11	659
12	678
13	881
14	890
15	559
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	823
24	1038
25	1034
26	1067
27	1054
28	1058
29	1019
30	--
31	--

INSTRUCTIONS

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

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

Nine Mile Point Unit 2 entered the final Power Ascension Testing Condition (TC-6) during the month of February 1988. Most of TC-6 testing was completed. Tests included Recirc System and Feedwater System testing, LPRM/APRM calibration and MSIV full isolation. During the MSIV isolation 2 SRVs were challenged automatically five (5) times. These 2 SRVs plus three (3) others were opened manually later in the event to control pressure. RCIC System was also initiated manually to aid in pressure control. The completion of TC-6 and warranty run and the declaration of Commercial Operation are expected in March.

1944

1945

MODIFICATIONS ACCEPTED BY OPERATIONS

FEBRUARY 1988

MOD NUMBER	MWR NUMBER	SYSTEM	DESCRIPTION
PN2Y87MX089	M20339	FPM	ADD FIRE DETECTOR, ZONE 248NZ
PN2Y87MX224	M20410	LWS	DRMS LIQUID MONITOR 2LWS-CAB206 PURGE DISCH REROUTE
PN2Y87MX238	M20347	FWS	ACTUATOR CHANGES FOR 2LWS-LV10A, B, C
	M20357		
	M20359		
	M20366		
	M20367		
	M20368		
	M20371		
	M20372		
	M20386		
	M20390		
	M20396		
	M20397		
	M20442		
	M20443		
PN2Y87MX245	M20391	HVR	ADDITION OF INSTRUMENT TEST HOLES IN HVAC DUCTWORK
	M20413		
	M20444		
PN2Y87MX250	M20418	CBC	FILTERING ROSEMOUNT TRIP UNITS
	M20419		
	M20420		
	M20421		
	M20422		
	M20423		
	M20424		
	M20425		
	M20426		
	M20427		

MODIFICATIONS ACCEPTED BY OPERATIONS

FEBRUARY 1988

MOD NUMBER	MWR NUMBER	SYSTEM	DESCRIPTION
	M20428		
	M20429		
	M20430		
	M20431		
	M20432		
	M20433		
	M20434		
	M20435		
	M20445		
	M20446		
PN2Y87MX257	M20412	DFM	DRAINAGE REVISIONS - ELECTRICAL TUNNEL HVAC EQUIPMENT ROOM & CO2 TANK ROOM
PN2Y88MX002	M20450	A04.720	PROVIDE SEALING GAPS FOR SMOKE AND HOT GASES
PN2Y88MX003	M20456	RMS	REROUTE OF RETURN LINE FROM 2RMS-CAB180

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WR Number	EPN Number	Failure desc	Corrective Action
W110964	CSL-ADV101	INJECTION TESTABLE CHECK VALVE 2CSL-ADV101 PER N2-ISP-CNT-R-002 TYPE C TEST 2CSL-ADV101 LEAKAGE HAS INCREASED A FACTOR OF 10 PREVIOUS 1.172 SEFH 860609 TO 10.624 SCFH 870924 TROUBLESHOOT ONLY	NONE, PROBLEM WAS NOT ADV 101 BUT LEAK OF BOUNDARY VALVE 2CSL*HCV117, DESPITE REPEATED FLUSHES AND CYCLES, HCV WOULD NOT SEAT TIGHTLY SINCE VESSEL WATER LEVEL WAS ABOVE CSL LINE, NO REPAIR WAS DONE, BUT HIGH LEAKAGE WAS ACCEPTED
W110976	HVC-*ACU2A	2HVC*ACU2A VIBRATION HIGH AFTER INSTALLATION OF MOTOR FOUNDATION STIFFNERS ON WR NO 113451 TAKE VIBRATION READINGS TO CONFIRM PROPER OPERATION CB EL 288 THIS WR REPLACES WR 113439 TO TRANSFER WORK FROM WCO TO I&C	IRD VIBRATION READINGS TAKEN AS PER BOB MAWHINNEY
W122025	BYS-A19	ANALOG ISOLATORS APPARENTLY NOT WORKING ERF CP BYSVA100 101 AND 102 ARE READING HIGHER THAN NORMAL (OFF SCALE). CHECK OUT CIRCUIT AND ISOLATORS (ON ATTACHED SHEET) TAKE VOLTAGE READINGS THIS WILL CHECK IF BYSVA102 IS SCALED WRONG.	REPLACED OPTICAL ISOLATOR CARDS. ISOLATOR CARDS ARE TO BE REMOVED PER PR 7498 AND MRF 120362 HAS BEEN ISSUED TO DO THIS WORK
W122467	MSS-TE48D 49 D	2MSS-TE48D (E31-N029D) 2MSS-TE49D (E31-N030D) MSL TUNNEL DIFF TEMP E31-N615D THE LUGS ON THE THERMOCOUPLE FIELD WIRES FOR TE48D AND TE49D NEED TO BE REMOVED AND THE WIRES LANDED IN PNL709A TH 107 TB1 10 AND 11 AND 16 AND 17 WHILE PERFORMING N2-ISP-LDS-M009	REMOVED LUGS FROM FIELD WIRES AT TB1 NO 10 AND 16 AND LANDED WIRES, PERFORMED N2-ISP-LDS-M009 ATT. 4, REMOVED LUGS AT TB1, 11 AND 17 AND LANDED WIRES, PERFORMED N2-ISP-LDS-M009 ATT 4
W122917	WCS-FT67X&Y	REACTOR WATER CLEANUP FLOW	REMOVED SNUBBERS ON WCS*67X, WCS67Y ALREADY REMOVED BY CRI DURING MOD.

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WR Number	EPN Number	Failure desc	Corrective Action
		CONTINUE TO MONITOR TRANSMITTER OUTPUT ONCE PER SHIFT AND REMOVE TEMPORARY MODIFICATION AFTER FINAL ENGINEERING DISPOSITION	REPLACED WITH SOLID S/S LINES
W124156	CSH-P1	HIGH PRESSURE CORE SPRAY PUMP PLACE IRD VIBRATION CHECKPOINTS IN VIBRATION DATA LOCATIONS AND SECURE WITH LOCTITE RC/620 OR APPROVED ADHESIVE CONTACT ISI PRIOR TO WORK FOR SPECIFIC VIBRATION LOCATIONS	EPOXIED IRD STICKERS IN APPROPRIATE SPOTS PER GENE. 28
W124157	CSL-P1	LOW PRESSURE CORE SPRAY PUMP PLACE IRD VIBRATION CHECKPOINTS IN VIBRATION DATA LOCATIONS AND SECURE WITH LOCTITE RC/620 OR APPROVED ADHESIVE CONTACT ISI PRIOR TO WORK FOR SPECIFIC VIBRATION LOCATIONS	EPOXIED IRD STICKERS IN APPROPRIATE SPOTS PER GENE. 28
W124159	HVK-P1A	CHILLED WATER PUMP 1A PLACE IRD VIBRATION CHECKPOINTS IN VIBRATION DATA LOCATIONS AND SECURE WITH LOCTITE RC/620 OR APPROVED ADHESIVE CONTACT ISI PRIOR TO WORK FOR SPECIFIC VIBRATION LOCATIONS	EPOXIED IRD STICKERS IN APPROPRIATE SPOTS PER GENE. 28
W124284	HVK-P1B	CHILLED WATER PUMP 1B PLACE IRD VIBRATION CHECKPOINTS IN VIBRATION DATA LOCATIONS AND SECURE WITH LOCTITE RC/620 OR APPROVED ADHESIVE CONTACT ISI PRIOR TO WORK FOR SPECIFIC VIBRATION LOCATIONS	EPOXIED IRD STICKERS IN APPROPRIATE SPOTS PER GENE. 28
W125252	HVC-RR18D	CHART RECORDER NO RR18D OUT OF CAL CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880A (CONTROL ROOM EL 306)	CALIBRATED RECORDER
W125253	CMS-RRY10A	CHART RECORDER NO RRY10A OUT OF CALIBRATION CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880A (CONTROL ROOM EL 306)	CALIBRATED RECORDER
W125254	HVC-RR18A	CHART RECORDER NO RR18A OUT OF CAL	RECALIBRATE CHART RECORDER

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WR Number	EPN Number	Failure desc	Corrective Action
		CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880A (CONTROL ROOM EL 306) 2HVC-RR18A	
W125255	SWP-RR146A	CHART RECORDER NO RR 146A OUT OF CALIBRATION CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880B EL 306 CONTROL ROOM	RECALIBRATED CHART RECORDER
W125259	HVC-RR18B	CHART RECORDER NO RR18B OUT OF CAL CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880C (EL 306 CONTROL ROOM) 2HVC-RR18B	CALIBRATED RECORDER
W125260	CMS-RRX10B	CHART RECORDER NO RRX10B OUT OF CAL CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880C (EL 306 CONTROL ROOM)	CALIBRATED RECORDER
W125261	SWP-RR146B	CHART RECORDER NO RR 146B OUT OF CALIBRATION CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880D EL 306 CONTROL ROOM	CALIBRATED CHART RECORDER
W125266	HVR-RRX14A	CHART RECORDER NO RRX14A OUT OF CAL CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880A (CONTROL ROOM)	RECALIBRATE CHART RECORDER
W125267	HVC-RR18C	CHART RECORDER NO RR18C OUT OF CAL CHART RECORDER FOR DRMS R1C ON 2CEC-PNL880A (CONTROL ROOM) (2HVC-RR18C)	PERFORMED CALIBRATION OF RECORDER
W128341	ICS-21CS*PT1 B	RCIC PRESSURE XMTR RECAL LOOP FOR 21CS-PT1B RECAL REQD DUE TO TEST EQUIP BEING LOST	CHECKED CAL LOOKS OK SEE CAL SHEETS
W128348	ISC-21SC*P15 1668A	SAFETY RELIEF VALVE ACTUATION TRIP UNIT INVESTIGATE CAUSE OF RAPID SAFETY RELIEF VALVE RECLOSURE ON PSV128 AND PSV133 DURING PERFORMANCE OF 1951V CLOSURE SCRAM CHECK RELIEF VALVE TRIP UNIT RESET VALVES TROUBLESHOOT ONLY	RECALIBRATED TRIP UNITS RESET TRIP POINT TO CORRECT VALVES. 21SC*PIS1668A AND 1668E

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WR Number	EPN Number	Failure desc	Corrective Action
W128410	ICS-PDIS167 168	RHR RCIC STEAM FLOW ISOLATION TRIP UNIT 2ICS*PDIS 167 168 N2-SUT-71-1 WAS PERFORMED TO OBTAIN DATA TO EVALUATE FINAL SETPOINTS FOR 2ICS*PDIS 167 168 FDDR K01-6022-REV 1 WAS ISSUED IN RESPONSE TO PR7403 TO CHANGE TECH SPEC NOMINAL TRIP SETPOINT TO 37.4 INCHES H2O. CHANGE GUIDE VALUES IN N2-ISP-ICS-M001 AND RECALIBRATE	CHANGE COMPLETED BY TCN TO N2-ISP-ICS-M001 AND REPERFORMANCE OF SAID PROCEDURE
W128420	RCS-C518-AR5 3	RATED DRIVE FLOW AT 70-75 PERCENT POWER IN TC3 WAS DETERMINED TO BE 43600 GPM AT ALL 4 APRM FLOW UNITS ADJUST R4 FOR AN INDICATION OF 703V PLUS OR MINUS 10MV AS READ BETWEEN TP4 AND TP1 DURING SUMMER GAIN ADJUSTMENT (N2-ISP-RCS-Q101)	RAISED THE VOLTAGE BY USING N2-ISP-RCS-Q101
W128431	RCS-2RCS*FT8 3A	RECIRCULATION SYSTEM DRIVE FLOW TRANSMITTERS 2RCS*FT83A/B ADJUST TRANSMITTER RESPONSE TIME AND PERFORM PROCEDURE TP 87-54	PERFORM TP 87-54 ON 2RCS*FT83A AND 83B, RESPONSE TIME FOR BOTH TRANSMITTERS HAVE BEEN SET TO 420 MSEC AT A 35 IN. H2O/SEC AND 45 IN. H2O/DRV RAMP RATE, MADE ADJUSTMENT TO DAMPING POTENTIOMETER
W130154	HVC-2HVC*FS- 23B	CONTROL ROOM ACU1B DISCHARGE AIR FLOW SWITCH WHILE PERFORMING 18 MONTH RECAL ON LCR NO. 1L2HVC-066 UNDER N2-ICP-GEN-8001 FOUND CIRCUIT CARD FAULTY REPLACE AND CALIBRATE AS NECESSARY	REPLACED AND CALIBRATED NEW FLOW SWITCH 2HVC*FS23B
W130155	CES-2CES*99- 8CZ1HAA01	OUTPUT OPTICAL ISOLATOR 99-8CZ1HAA01 OPEN CIRCUIT OUTPUT ISOLATOR 99-CZ1HAA01 IN PNL 837 ZT Z32 HAS CHANNEL L IS OPEN REPLACE OUTPUT CARD PART NO. 93-05-698 REF WR 130075	REPLACED OUTPUT ISOLATOR CARD
W130517	ISC-PDT14B	FEEDWATER LEVEL TRANSMITTER B NOISY SIGNAL - THE B LEVEL TRANSMITTER IS MUCH NOISIER THAN A OR C VENT TRANSMITTER AND ALL OTHER TRANSMITTERS WITH COMMON REF OR VARIABLE LEGS	VENTED TRANSMITTER ISC*PT115, ISC*PT2C, ISC*PT4B, ISC*LT2B, ISC*PI3B, TERMINATED THIS WR DUE TO STARTUP

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WR Number	EPN Number	Failure desc	Corrective Action
		VENT ILT CONNECTIONS TROUBLESHOOT FOR OTHER POSSIBLE CAUSES CONTACT DAN HOLLAND BEFORE BEGINNING WORK	
W130528	ISC-2ISC*PDT 14A	FEEDWATER CONTROL NARROW RANGE LEVEL XMITTERS	2ISC*PDT14A SEAL 03 AS FOUND RESPONSE APPROX 80 MSEC, AS LEFT RESPONSE APPROX 470 MSEC, SEAL 02, 2ISC*PDT14B SEAL 02 AS FOUND RESPONSE APPROX 110 MSEC, AS LEFT RESPONSE APPROX 470 MSEC, SEAL 02
		INCREASE THE DAMPENING OF 2ISC*PDT14A AND B (C33-N004A AND B) TO .4 SEC USING THE SETTINGS (13 PERCENT OF SPAN) OR IF TIME ALLOWS SET THE TIME CONSTANT TO .5 SEC USING TIME RESPONSE TESTING	
W130798	RMC-ROD54-39	ROD 54-39 WHEN INSERTING ROD 54-39 FROM POSITION 06 TO 04 THE ROD LOST POSITIVE INDICATION AT POSITION 04 AS DETERMINED BY THE 4 ROD DISPLAY PLEASE TROUBLESHOOT	CHECKED IN CR, ALL OK PROBABLY BAD REED SWITCH
W131103	WCS	2WCS FILTER 4C C VESSEL DOES NOT DEPRESSURIZE PROPERLY IN STEP 4.3 VENT VALVE 61C ALSO THE START OF PRECOAT CYCLE INTERRUPTS 30 SECONDS INTO CYCLE GIVING THE SYSTEM A BACKWASH REQUIRED INTERLOCK LATCH WITH NO APPARENT REASON 328 RX SOUTH	TEMPORARY MEASURES, TEMPORARY INCREASED PRECOAT FILL TIMER 06015 TO 6 MIN TEMP MOD 88021 TEMP MOD CLEARED 2-4-88 TIMERS RETURNED TO 5 MIN
W131232	NMS-2NMS*IRM F	IRM F DRAWER WHILE PERFORMING N2-ISP-NMS-W-009 STEP 7.3.2 FOUND INDICATOR TO BE READING LOW-OUT OF SPEC TROUBLESHOOT	REPLACED PRE-REGULATOR VR22 IN IRM F
W131239	MSS-2MSS*RE4 6C	MAIN STEAM LINE RAD MONITOR C WHILE PERFORMING N2-ISP-MSS-M001 FOUND UPSCALE 1 AND 2 AND DOWNSCALE TO BE LOW TROUBLESHOOT ONLY	ADJUSTED TRIP SETPOINT ADJUSTMENTS R95, R94, R93 PER SURVEILLANCE N2-ISP-MSS-R104
W134338	MSS-2MSS*RE-	MAIN STEAM LINE RADIATION MONITORS SETPOINT CHANGE	RESET TRIP POINTS

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WR Number	EPN Number	Failure desc	Corrective Action
	46A	RESET MAIN STEAM LINE RADIATION MONITOR TRIP SETPOINTS TO 1375 MR/HR BASED ON A NEW PROJECTED FULL POWER BACKGROUND LEVEL OF 500MR/HR SEE RADIOLOGICAL SUPPORT GROUP CALCULATION NO. 88-11	
W137222	RRS-2RRS-BCO 7	COMPUTER POINT RRS BC07 RRCS TROUBLE DIV I COMPUTER PT IS IN ALARM WITHOUT BRINGING IN ANN NO. 603445 OR SHOWING A PROBLEM AT P001 OR P002 PNL TROUBLESHOOT ONLY	REPLACED BOARD AZA3N15 IN ANNUNCIATOR SYSTEM
W137224	GTS-2GTS*FR1 0B	2GTS*FR10B FLOW RECORDER ON 2CEC-PNL871 2GTS-FR10B(RED PEN) ON 2CEC-PNL871 IS FAILED UPSCALE DOES NOT VARY WITH FLOW TROUBLESHOOT ONLY	RESET ELECTRONIC RELAY, 2GTS*PV5B NOW WORKS FINE, RECORDER CONTINUES TO WORK FINE
W137225	GTS-2GTS*PNL 30B	LOW AIRFLOW GREEN LIGHT AT 2GTS*PNL30B TROUBLESHOOT 2GTS*CH1B HEATER LOW AIR FLOW LIGHT AT 2GTS*PNL30B DIV II STBY GAS BLDG 261 DOES NOT EXTINGUISH WHEN TRAIN B IS RUNNING	RECALIBRATED FLOW SWITCH 2GTS*FS25, LOOP SEEMS TO FUNCTION CORRECTLY NOW
W137227	MSS-2MSS*E31 -N615D	MAIN STM LINE TUNNEL DELTA T TMP UNIT MSL DELTA T TMP UNIT ON 2CEC*P611 INDICATES DOWNSCALE INVESTIGATE AND CORRECT INPUT TO NSSS ISOLATION LOGIC D4	REPLACED TRANSMITTER/SWITCH 2MSS*TS-1615D AND PERFORMED PROCEDURE N2-ISP-LDS-M009
W137270	WCS-2WCS*FI6 7X	WCS SYSTEM FLOW INDICATION (TRANSMITTER) FT67X INDICATES 900 GPM WHEN ACTUAL FLOW IS 700 GPM	900 GPM IS EXACTLY WHAT IT SHOULD READ, CALIBRATION IS CORRECT PER ALBERT HWU, QE
W137276	GTS-2GTS*PV5 B	SBGT FLOW CONTROL VALVE VALVE WILL NOT OPERATE	INSTALLED NEW MOTOR, RUSTY GIBSON CRIMPED LEADS, TORQUED MOTOR STUDS AND COVER

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WR Number	EPN Number	Failure desc	Corrective Action
W137353	EGA-PS9B	2EGA-PS9B DIV II AIR COMPRESSOR START SWITCH 2EGA-PS9B NOT ALLOWING AIR COMPRESSOR TO START PRIOR TO RECEIVING LOW AIR PRESSURE AT 233 PSIG DG BLDG EL 261 DIV II	FOUND PS 19B TO BE HIGH, ALARM COMING IN BEFORE PS9B ACTIVATING
W137358	NMS-2NMS*APR ME	APRM E K18 RELAY WHILE PERFORMING N2-ISP-NMS-W8007 K18 RELAY WAS FOUND TO BE DEFECTIVE REPLACE K18 RELAY	REPLACED RELAY K18 PER SSS
W137380	NMS-2NMS*IRM -Q	IRM-Q IRM-Q WHEN UNBYPASSED BRINGS IN THE FOLLOWING ALARMS-ANN 603201 UPSCALE-INOP RED LIGHT ON P603 AND DOWNSCALE REMAINS IN NO ONE HALF SCRAM OR RPS TRIP OCCURS AND NO DRAWER INOP OR UPSCALE TRIP LIGHT OCCURS TROUBLESHOOT	REPLACED DUAL TRIP UNIT Z17 194X38203
W137389	NMS-2NMS*IRM -Q	INTERMEDIATE RANGE MONITOR -Q- IRM-Q READS 20 WHILE ALL OTHERS READ 0 IRM-Q READS 20 WITH MODE SWITCH IN ZERO 2 POSITION PLEASE TROUBLESHOOT	REPLACED PREREGULATOR CARD VR27 S/N TGAL7-30
W137431	HVR-2HVR*FS3 6B	FLOW SWITCH AIR EXHAUST ABOVE REFUEL FLOOR CALIBRATION APPEARS TO HAVE DRIFTED CHECK CAL	FS-36B FOUND TO BE OUT OF SPEC, NOMINAL MV IS 487MV THEREFORE TRIP CANNOT BE SET AT 460MV MIGHT NEED NEW FLOW PROFILE, PERFORMED GEN-003 NEW SETPOINT 590MV, SATISFACTORY CAL
W138121	NMP-2NMP*APR MB	APRM -B- LOCAL INDICATION READS 61 PERCENT WHILE PNL603 CHART INDICATES 70 PERCENT RX PWR 56 PERCENT APRM HITTING UPSCALE ALARM EARLY TROUBLESHOOT	PERFORMED N2-ISP-NMS-Q107
W138123	NMS-2NMS*C51 -K605B	AVG PWR RANGE MONITOR B WHILE PERFORMING N2-ISP-NMS-Q107 FOUND METER ZERO OUT-OF-SPEC UNABLE TO ADJUST USING DC AMP TROUBLESHOOT ONLY	ADJ ZERO PER N2-ISP-NMS-Q107

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WR Number	EPN Number	Failure desc	Corrective Action
W138127	WCS-2WCS*FT6 9X	REACTOR WATER CLEANUP BLOWDOWN FLOW TRANSMITTER DIVISION 1A FOR RWCU DELTA FLOW READS LOWER THAN IT SHOULD AND BARELY WITHIN SPECIFICATION PER SHIFT CHECKS RECALIBRATE WCS*FT 69X SEE ATTACHED FOR ADDITIONAL DATA	VENTED WCS-FT69X AND WCS-FT68X AT THE TRANSMITTER AND DRAINS, BOTH TRANSMITTERS HAD A 1.00 VDC OUTPUT WHEN EQUALIZED, SEE NO NEED FOR CAL, DELTA FLOW READING APPROX 75 GPM FOR BOTH X AND Y
W138135	IAS-2IAS*V16 15	MSIV 7C INST AIR SUPPLY FABRICATE AND INSTALL PRESSURE INDICATING AND VENT RIG DOWNSTREAM OF 2IAS*V1615(C-) PRESSURE GAUGE SHOULD BE AT LEAST 0-150 PSIG REMOVE TEST RIG WHEN TROUBLESHOOTING IS COMPLETE	REMOVED TEMP MOD 88-067
W138142	RCS-2RCS*B35 -K607A	FLOW UNIT A B35-K607A WHILE PERFORMING N2-ISP-RCS-M0001 FUSE F8 ON SUMMER CARD Z0 WAS FOUND TO BE BLOWN REPLACE FUSE OR SUMMER CARD TROUBLESHOOT	REPLACE SUMMER CARD 136B308BAAC003
W138196	ICS-2ICS*PDI S168	RHR/RCIC FLOW HIGH SLAVE TRIP UNIT TRIP UNIT E31-691B PICKS UP RELAY ES1-K85 AND WILL NOT RESET RELAY WHEN CONDITIONS ARE NORMAL K85 RESETS WHEN E31-691B IS PULLED TROUBLESHOOT	MTU, STU AND TDPU RELAY ALL TESTED SAT

49 records listed.



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WR Number	EPN Number	Failure desc	Corrective Action
W122279	RCS-MOV18A	RECIRC ISOL VALVE 18A THE VALVE HAD A SMALL STEAM LEAK DURING OPERATION TAKE UP ON PACKING AND - OR IF REQD ADD 1 OR 2 RINGS OF PACKING	TOOK UP ON PACKING EVENLY, STROKED VALVE, WORKED SMOOTHLY
W122359	CSL-HCV117	2CSL-HCV117 RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL 430004354 SEE ATTACHED SHEET	RETORQUE TO 600 FT LBS ALL BONNET BOLTING, NO NUTS MOVED
W122360	CSH-HCV120	2CSH-HCV120 RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL - 430004354 SEE ATTACHED FOR TORQUE	RETORQUE TO 600 FT LBS ALL BONNET BOLTING, NO NUTS MOVED
W122369	RHS-HCV53A	2RHS-HCV53A B C RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL 430004354 SEE ATTACHED FOR TORQUE	RETORQUED ALL BONNET BOLTING TO 600 FT LBS, NO NUTS MOVED
W122370	RHS-HCV54A	2RHS-HCV54A B C RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL-430004354 SEE ATTACHED FOR TORQUE	RETORQUED BONNET BOLTING TO 600 FT LBS, NO MOVEMENT WAS DETECTED, VALVE HCV54C DOES NOT EXIST
W122371	RHS-HCV131	2RHS-HCV131 RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL-430004354 TORQUE PER ATTACHED SHEET	RETORQUED BONNET BOLTING TO 600 FT LBS, BOLTS DID NOT MOVE
W122372	RHS-V143	2RHS-V143 RETORQUE PRESSURE SEAL BONNET PER ANSWER TO PR 7242 TORQUE IN MANUAL-430004354 TORQUE TO ATTACHED SHEET	CHECK PRESSURE SEAL BONNET BOLTS PER TORQUE SPECS
W125365	CSH-ADV108	HPCS INJECTION LINE TESTABLE CHECK VALVE REPACK VALVE (2CSH-ADV108)	REPLACED PACKING AND ONE SEAL GASKET

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WR Number	EPN Number	Failure desc	Corrective Action
		VLVE IS ON EL 306 IN THE DRYWELL OR ADD PACKING	
W127706	HVC-ACU2A	2HVC-ACU2A IMPROPER PARTS E AND DCR NO C47625A REQUIRES JACKING ASSEMBLIES INSTALLED ON MOTOR MOUNTS THIS WR REPLACES WR NO 110646	INSTALLED JACKING ASSEMBLIES ON FAN MOTOR MOUNTS
W127707	HVC-ACU1B	2HVC-ACU1B IMPROPER PARTS E AND DCR NO C47625A REQUIRES ANGLE IRON STIFFENERS AND JACKING ASSEMBLIES ON MOTOR MOUNTS THIS WR REPLACES WR NO 110646	INSTALLED JACKING ASSEMBLIES AND NEW 5X3X1/2 ANGLE MOTOR MOUNTS, SEE WR127706 FOR E&DCR'S
W127718	WCS-V47	WCS-V47 VALVE LEAKING 50 DROPS PER MINUTE-RETORQUE BONNET UNDER PRESSURE TORQUE TO THE ATTACHED TABLE 871102 STILL LEAKS AFTER TORQUING DISASSEMBLE INSPECT AND REPLACE PRESSURE SEAL	TORQUE ON FACE PLATE(COVER), STILL LEAKS PER Q PROSSER 871102.
W128151	HVC-UC105	ELECT TUNNEL UNIT COOLER UNIT COOLER SHOWS HIGH FILTER DP-CHANGE	CHANGED FILTERS
W128702	RCS-2RCS*MOV 10B	2RCS*MOV10B TAKE UP ON PACKING AT 900 LBS IF REQD	TAKE UP ON THE PACKING GLAND, PACKING GLAND IS NOW BOTTOMED OUT, ABOUT TWO MORE RINGS WOULD BE JUST RIGHT
W128769	RCS-2RCS*MOV 18A	RCS MOV18A PULL PACKING TO INSPECT LOWER PACKING AREA	REPLACED PACKING
W128800	RCS-2RCS*MOV 10A	RCS*MOV10A TAKE UP ON PACKING AT 900 LBS IF REQD	TAKE UP ON THE PACKING GLAND, PACKING GLAND IS NOW BOTOMED OUT, ABOUT TWO MORE RINGS WOULD BE JUST RIGHT
W129457	RHS-2RHS*PSS P807A2	SNUBBERS (BZ-71ADC) OUT OF TOL SNUBBER 2RHS-PSSP 807AZ (A) LINE NO 2RHS-018-24-2 NORTH SIDE OF PIPE AND PIPE	ALIGNED SNUBBERS

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WR Number	EPN Number	Failure desc	Corrective Action
		CLAMP IS 7 DEGREES OUT OF ALIGNMENT AND PADDLES ARE NOT AT 90 DEGREES TO PERMIT ROTATION ALSO 2RHS-PSSP807A2(B) SOUTH SIDE AND PIPE CLAMP IS 8 DEGREES OUT OF ALIGNMENT CORRECT ALIGNMENT AND PADDLE POSITION RHS B PUMP RM S AUX BAY EL 175	
W130786	RCS-MOV10A	RECIRC -A- SUCTION VALVE REPAIR PACKING LEAK	INSTALLED 3 SETS OF PACKING
W130787	RCS-MOV10B	RECIRC -B- SUCTION VALVE REPAIR PACKING LEAK	REPLACED PACKING
W130788	RCS-MOV18A	RECIRC -A- DISCHARGE VALVE REPAIR PACKING LEAK	INSTALLED 3 RINGS OF PACKING
W130789	RCS-MOV18B	RECIRC -B- DISCHARGE VALVE PACKING LEAK REPAIR PACKING LEAK	REPACKED VALVE
W131167	ZZZ-PCB-DRA5	NORTH DRYWELL EQUIPMENT - PERSONNEL HATCH INTERLOCKS DISABLE INTERLOCKS DISABLE DRYWELL EQUIPMENT HATCH INTERLOCKS (NORTHSIDE) TO ALLOW BOTH DOORS TO BE OPENED SIMULTANEOUSLY WHEN DIRECTED BY SSS RESTORE INTERLOCKS TO NORMAL	DISABLED DRYWELL PERSONNEL HATCH INTERLOCKS,
W131185	ZZZ	SUPPRESSION CHAMBER NORTH HATCH OPEN HATCH TO FACILITATE PERFORMANCE OF CONTAINMENT BYPASS LEAKAGE TEST	CLOSED & TORQUED TO SPECS
W134302	OTS-2OTS*FLT 1A	STANDBY GAS TREATMENT SYS-2OTS-FLT1A PROVIDE LABOR SUPPORT TO ASSIST VENDOR IN TESTING ABOVE SYS WORK TO INCLUDE REMOVAL AND REPLACEMENT WITH DOORS AND PANELS ETC FOR COMPLETION OF SYSTEM SURVEILLANCE TESTING THE WORK OF FEB 22-26 1988	SYSTEM SURVEILLANCE TESTING
W137321	EOA-2EOA*V14 B	BOLTS ON FLANGES BETWEEN 2EOA*V14B AND 2EOA*PCV25B 2 BOLTS AND ASSOCIATED NUTS ON FLANGE CONNECTIONS BETWEEN 2EOA*V14B AND 2EOA*PCV25B HAVE VIBRATED LOOSE AND MUST BE REPAIRED AND RETORQUED REPAIR AS NECESSARY	REPLACED NUTS & TIGHTENED

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CLASS I WORK - CONSTRUCTION FEB-88

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WR Number	EPN Number	Failure desc	Corrective Action
C127950	HVC-ACU3B	REMOTE SHUTDOWN ROOM AIR CONDITIONING UNIT PHYSICAL FAULT ACCESS DOOR TO FAN HAS BROKEN STUD NEAR LOWER RIGHT CORNER OF OPENING THIS WR REPLACES WR 118575 - ATTACHED COPY - LOCATED EL 275 IN DIV II SWITCHGEAR ROOM	GROUND OFF REMAINS OF OLD STUD-REPLACED STUD USING PROC WPS-STUDS-AWS, RETURNED UNIT TO ORIG CONDITION
C131189	BLDG-SA175-1	WATER TIGHT DOOR MECHANICAL FAILURE LOWER LEFT SLIDE BOLT FAILS TO RETRACT SAFETY HAZARD	LOOSE PARTS, GEARS ADJUSTED, SH 2-1-88, LOOSE SET SCREWS ON GEARS TIGHTENED AND BOLT RETRACTS BUT DOOR STILL HAS MISSING AND SHEARED OFF BOLTS IN LOCKING MECH
C131250	BLDG	WATER TIGHT DOOR BETWEEN CSL AND RHR A PUMP ROOMS BOTTOM LATCH (OPP HINGE SIDE) DOES NOT OPERATE-FAILS TO LATCH OR FAILS TO UNLATCH (DEPENDING ON LATCH POSITION) REPAIR AS NECESSARY	GEARS ADJUSTED SH 2-1-88, SET SCREWS ON GEARS TIGHTENED AND LATCH OPERATES BUT DOOR STILL HAS MISSING AND SHEARED OFF BOLTS IN LOCKING MECHANISM

3 records listed.

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CLASS I WORK - ELECTRICAL MAINTENANCE FEB 88

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WR Number	EPN Number	Failure desc	Corrective Action
W115941	RRS-P001-2	RRS DISPLAY PANEL BROKEN WIRE SUPPORT CABLE A130-P3 HAS A BROKEN WIRE SUPPORT AT THE DOOR PLUGS INSTALL NEW CABLE SUPPORT	WORK DONE BY SUPPORT GROUP.
W122458	WCS-EFV222	2WCS*EFV222 THE LIGHT ON PANEL 602 LABELED 2RCS*EFV222 SHOULD BE LABELED 2WCS*EFV222	REPLACED PER FDDR K01-5827-REV 0 ON HUMAN FACTORS MOD. MOD #PN2YB6MX084 LF100. NO WORK REQUIRED ON THIS WR.
W127863	BYS-CHRO 2A1	2BYS-CHOR 2A1 VOLTMETER NEEDS TO BE CALIBRATED READING IS 9 VOLTS LOW	METER ACCURACY WAS CHECKED WITH A CALIBRATED FLUKE AND THE READINGS WERE WITHIN THE ACCEPTABLE VALUE OF +- 3V AS STATED ON N2-EPH-OEN-W665. NO ACTION REQUIRED AT THIS TIME.
W128747	EHS-2EHS*MCC 201-2A	2EHS*MCC201-CUB2A 2EOT*CHI REPLACE TERM BLOCKS NO. 6 AND 7 ON MCC BUCKET AND CUBICLE BOTH STATIONARY AND SEPARABLE PARTS NEED REPLACEMENT OBTAIN PARTS FROM SPARE CUB. NO. 2B REF WR 128748	REPLACE TERMINAL BLOCKS, REPLACED TERMINAL BLOCKS FROM SPARE BREAKER ON 2EHS*MCC201 CUB 2B, WR 128748 WRITTEN TO REPLACE TERMINAL BLOCKS
W128785	EHS-MCC101	2EHS-MCC101 CUB 7B SPARE REPLACE MOLDED CASE BREAKER WITH NEW ONE (OLD ONE USED FOR 2SWP-MOV1C) EHS MCC101 CUB 2C REF WR NO 128783	BREAKER FROM EHS MCC101 CUB 2C WAS RETESTED AND PASSED CONTACT RESISTANCE TEST N2-EPH-OEN-R582 AND INSTALLED IN BREAKER 7B AND REPLACED.
W128791	SWP-SSR 3A-6 A	DIV I SERVICE WTR RACK BAR HEATERS CURRENTS FOR 2SWP-SSR3A AND 6A READING 5.8A AND 4.2A RESPECTIVELY PREVIOUS WK READINGS WERE 12.0A AND 11.8A INVESTIGATE AS NECESSARY	CURRENT READINGS FOR 2SWPXSSR3A&6A ARE 11.7 EACH
W129335	CEC-PNL628	DIV I ADS RELAY PANEL	INSTALLED LUG ON TBWH POINT #9 AND

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WR Number	EPN Number	Failure desc	Corrective Action
		INSTALL PERMANANT STAK-ONS ON RIGHT SIDE OF TERM STRIP HH NO 9 AND RIGHT SIDE OF TERM STRIP HH NO 14 TO ALLOW EASIER AND SAFER COMPLETION OF N2-OSP-ADS-M002 TO ALLOW HANDS-FREE ATTACHMENT OF A DVM (REF E AND DCR NO C95078) (REF INT CORR NO NMP2-2420 AND NMP2-320 ATTACHED)	ON POINT #14 IN 2CEC*PNL628.
W129336	CEC-PNL631	DIV II ADS RELAY PANEL INSTALL PERMANENT STAKE-ONS ON LEFT SIDE OF TERM STRIP AA NO 9 AND LEFT SIDE OF TERM STRIP AA NO 14 TO ALLOW EASIER AND SAFER COMPLETION OF N2-OSP-ADS-M002 TO ALLOW HANDS-FREE ATTACHMENT OF A DVM (REF E AND DCR NO 95078) (REF INT CORR FILE CODES-NMP22420 AND NMP2-320 ATTACHED)	INSTALLED LUQ ON TBAA POINT #9 AND ON POINT #14 IN 2CED*PNL 631
W130748	RPS-C72-P510	RECIRC PUMP TRIP SYSTEM A FOR TSV2 NEON LAMP SOCKET DETERIORATING PLEASE REPLACE	REPLACED SOCKET
W132300	ISC	JET PUMP 10 PASS ISOLATOR VALVE GREEN INDICATOR LIGHT DOES NOT LIGHT WHEN VALVE SWITCHED TO CLOSED THERE IS A GREEN FLICKER WHEN VALVE TURNED TO OPEN HOWEVER RED INDICATOR DOES NOT LIGHT SWITCH LOCATION ON 237 CB	ADJUSTED LIMIT SWITCHES.
W137201	ISC	2ISC-RV33B RV34B RV35B RV36B DRYWELL VACUUM BREAKERS TESTING CIRCUIT BLOWS FUSE CKT NO 2ISCNO4 (ESK 2ISC04) FUSE F1 INVESTIGATE CAUSE AND CORRECT RESULTS IN INABILITY TO TEST VACUUM BREAKERS AND LOSS OF POSITION INDICATION	TAPED SPARE CONDUCTOR ON 2ISC*RV35B, INTERMITTENT GROUND DUE TO LIMIT SWITCH SEQUENCING
W137373	ICS-2ICS*ADV 157	RCIC INJECTION TESTABLE CHECK VALVE INBOARD 2ICS*ADV157 INDICATED CLOSED DURING RCIC INJECTION TO RPV	NONE, LIMIT SWITCHES FUNCTIONING PROPERLY.

12 records listed.

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WR Number	EPN Number	Failure desc	Corrective Action
W138125	ICS-2ICS*RD1 55	2ICS-RO155 CHECK RO FOR BLOCKAGE - WILL NOT ALLOW HIGH ALARM TO CLEAR WHEN RCIC IS IN STANDBY DUE TO INSUFFICIENT PRESSURE ON DRAIN POT-HAS TO DRAIN THRU LS DRAIN V277	REMOVED DRIFICE FROM LINE AND CLEANED, REPLACED WITH NEW GASKET
W138130	SVV-2SVV*RVV 104	SAFETY RELIEF VLV TAILPIECE VACUUM BKR 2SVV*RVV104 STUCK OPEN TROUBLESHOOT LOCATED IN PRI. CONTAINMENT ELEV 246 S. SIDE OUTBOARD OF THE -A- RECIRC PMP	SPRING WAS DIRTY ALL WE DID WAS CLEAN IT

26 records listed.

