

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8812190410 DOC.DATE: 88/11/30 NOTARIZED: NO DOCKET #
 FACIL:50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH.NAME AUTHOR AFFILIATION
 TOMLINSON,E. Niagara Mohawk Power Corp.
 WILLIS,J.L. Niagara Mohawk Power Corp.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1988 for Nine Mile Point
 Unit 2.W/881208 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 25
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES		
	ID CODE/NAME		LTTR	ENCL		ID CODE/NAME		LTTR	ENCL	
	PD1-1 LA		1	0		PD1-1 PD		5	5	
	HAUGHEY,M		1	0		BENEDICT,R		1	0	
INTERNAL:	ACRS		10	10		AEOD/DOA		1	1	
	AEOD/DSP/TPAB		1	1		ARM TECH ADV		2	2	
	NRR/DLPQ/PEB 11		1	1		NRR/DOEA/EAB 11		1	1	
	NRR/DREP/RPB 10		1	1		NUDOCS-ABSTRACT		1	1	
	REG FILE 01		1	1		RGN1		1	1	
EXTERNAL:	EG&G SIMPSON,F		1	1		EG&G WILLIAMS,S		1	1	
	LPDR		1	1		NRC PDR		1	1	
	NSIC		1	1						

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 33 ENCL 30

R
I
D
S
/
A
D
S

R
I
D
S
/
A
D
D
S

efh

FIGURE 1

NINE MILE POINT NUCLEAR STATION UNIT 2

DOCUMENT TRANSMITTAL AND VERIFICATION MONTHLY REPORT FOR
NOVEMBER 1988

ASSIGNED BY J. L. Willis TO P. Charles DATE 12/7/88
DUE DATE 12/15/88 LOGGED DATE
SUBJECT OPERATING STATISTICS & SHUTDOWN
OPERATING EXPERIENCE FOR NOVEMBER 1988
FOR NINE MILE POINT UNIT 2

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

PREPARED BY E. Tomlinson DATE 12/7/88
REVIEWED BY J. Kinsley DATE 12/7/88
R. Watson DATE 12/8/88
R. Gayne DATE 12/7/88
D. Stevenson DATE 12/7/88
S. Dory DATE 12/7/88
R. Smith DATE 12/7/88
DATE
DATE
DATE

VERIFIED BY R. B. Abbott DATE 12/8/88
DATE
DATE
DATE

COMMENTS

RECEIVED FOR DATE
TRANSMITTAL

SENT TO ADDRESSEE BY Phyllis A. Charles DATE 12/9/88

COPY RETURNED TO SITE BY LOGGED AT SITE DATE
FILED AT SITE DOC. CONTROL RECORD DATE
OFFICE STAMPS

OPERATING DATA REPORT

50-410

DOCKET NO. 50-140
 DATE 12/01/88
 COMPLETED BY E. Tomlinson
 TELEPHONE (315)349-2761

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit 2
2. Reporting Period: 11/01/88 thru 11/30/88
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): 1107
7. Maximum Dependable Capacity (Net MWe): 1045
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
#6 and #7 demonstrated capacity in August 1988

Notes

9. Power Level To Which Restricted, If Any (Net MWe): 756 MWE
10. Reasons For Restrictions, If Any: As of 9/15/88 restricted to 756 MWE due to operating single loop. Operating single loop because of inoperability of loop "B" recirc discharge valve.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6,345</u>	<u>6,345</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>3,381.7</u>	<u>3,381.7</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>3,170.3</u>	<u>3,170.3</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>9,512,030.6</u>	<u>9,512,030.6</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>3,050,440</u>	<u>3,050,440</u>
18. Net Electrical Energy Generated (MWH)	<u>-9,130</u>	<u>2,802,770</u>	<u>2,802,770</u>
19. Unit Service Factor	<u>0</u>	<u>50.0</u>	<u>50.0</u>
20. Unit Availability Factor	<u>0</u>	<u>50.0</u>	<u>50.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-1.21</u>	<u>42.3</u>	<u>42.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>-1.17</u>	<u>40.9</u>	<u>40.9</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>23.5</u>	<u>23.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Fourteen (14) week outage scheduled for maintenance, surveillance, and inspection started October 1, 1988.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: January 6, 1989

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

INITIAL CRITICALITY	<u> </u>	<u>5/23/87</u>
INITIAL ELECTRICITY	<u> </u>	<u>8/08/87</u>
COMMERCIAL OPERATION	<u> </u>	<u>3/11/88</u>

44-23

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-140⁴¹⁰
 UNIT NMP2
 DATE 12/01/88
 COMPLETED BY E. Tomlinson
 TELEPHONE (315)349-2761

MONTH November 1988

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

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

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.

3 1

1 1 1 1

1 1 1 1

1 1 1 1

1 1

1 1

1 1 1 1

1

1

1

1

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1988

DOCKET NO. 50-410
 UNIT NAME NMP2
 DATE 12/01/88
 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
88-17	881101	S	720	B	1	N/A	N/A	N/A	Continuation of Scheduled outage begun on 881001 for purposes of maintenance, surveillance and inspection.

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

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 January 6, 1989 at the time of this report.

Figure 1 consists of nine micrographs arranged in a 3x3 grid, labeled (a) through (i). Each micrograph shows a petri dish with a bacterial lawn. The number of colonies (small white dots) decreases from (a) to (i) as the concentration of compound 1 increases. (a) is the control (0), showing a dense lawn. (b) is 10⁻⁴, (c) is 10⁻³, (d) is 10⁻², (e) is 10⁻¹, (f) is 10⁰, (g) is 10¹, (h) is 10², and (i) is 10³. The colonies are most visible in (a) and become increasingly sparse through (b) to (i).

MODIFICATIONS ACCEPTED BY OPERATIONS

NOVEMBER 1988

MOD NUMBER. WORK DOC NO.....	SYSTEM MODIFICATION TITLE.....
PN2Y88MX079 M20627	SLS ADD INSTRUMENT VENT VALVES SLS SYSTEM.
PN2Y88MX080 M20595, M20596	CEC DOUBLE FUSING AS PER REG. GUIDE 1.75
PN2Y88MX106 M20651	MSS PIPE SUPPORT MODIFICATION ON LINE 2MSS-006-119-4

06:35:13 12-07-88

CLASS I WORK - CONSTRUCTION NOVEMBER 88

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
C120464	RHS-2RHS*V98	ROOT ISOLATION VALVE FOR 2RHS*PT75B - AT THE POINT WHERE THE TUBING IS FITTED TO THIS VALVE THE WELD IS CRACKED AND LEAKING STEAM REPAIR WELD -THIS WR IS REPLACING WR 146315 LOCATED IN PIPE RUN DIRECTLY OFF OF SFC HEAT EXCHANGER RX BLDG ELEV 215	VISUAL INSPECTION OF WELDS DID NOT INDICATE CRACKS, CBI PERFORMED DYE PENETRANT EXAMINATION OF WELDS AND THERE WERE NO UNACCEPTABLE INDICATIONS, VALVE APPEARED TO HAVING LEAKED AROUND STEM, WR 146275 WAS GENERATED TO REPACK VALVE AND THIS WAS DONE 881121, PACKING APPEARED TO BE DRY AND WORN, CONCLUSION IS THAT PACKING WAS LEAKING AND NOT CRACKED WELDS
C127979	ZZZ-RS 261-2	DOOR RS261-2 -DOES WELDS BROKEN INSIDE DOOR DOES NOT SEAL -REPLACE DOOR	REPLACED DOOR WITH IDENTICAL COMPONENT, REPLACED DOOR SEALS WITH IDENTICAL COMPONENTS, TRANSFERRED ALL OTHER PARTS FROM OLD DOOR TO NEW DOOR
C130366	BLDG-2WS037D 01	2WS037D01 SLEEVE REMOVE TEMPORARY GETARS CABLES FROM SLEEVE 2WS037D01 BETWEEN MSIV ROOM AND REACTOR BLDG EL 240 4 IN. X 48 IN. LONG SLEEVE REFER TO DWTS EE-37M AND EE-37AL FOR LOCATION	THE CABLES WERE REMOVED AND THE PENETRATION RESEALED
C130367	BLDG-2WS711N 14	2WS-711N14 SLEEVE REMOVE DELETED GETARS CABLES FROM SLEEVE 2WS711N14 BETWEEN HEATER BAY -C- AND TURBINE BLDG AT ELEVATION 299 6IN. BY 48 IN. LONG SLEEVE REFER TO DWG EG-37F FOR LOCATION	THE TEMP CABLES WERE REMOVED AND THE PENETRATION RESEALED
C130370	BLDG-2-4022	PIPE SLEEVE, W-4022 REMOVE DELETED GETARS CABLES FROM PIPE SLEEVE W-4022 BETWEEN MSIV ROOM AND REACTOR BLDG EL 240 REFER TO DWG EP116F FOR LOCATION	THE CABLES HAVE BEEN REMOVED, THE PENETRATION WAS RESEALED
C130376	BLDG-F-0590-C	PIPE SLEEVE F-0590-C BREACH AND RESEAL PIPE SLEEVE F-0590-C ON ELEVATION 277-6 TURBINE BLDG TO ALLOW REMOVAL OF DELETE GETARS	THE CABLES WERE REMOVED AND THE PENETRATION RESEALED

06:35:13 12-07-88

CLASS I WORK - CONSTRUCTION NOVEMBER 88

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
		CABLES SLEEVE LOCATED ON DWG EP-64M 10FT. 6IN. NORTH OF -Y- AND 4FT 10 IN. EAST OF 7 IN. LINES	
C130381	BLDG-2WS122N 60	ELEC SLEEVE 2WS122N60 BREACH AND RESEAL ELECT WALL SLEEVE NO 2WS122N60 TO ALLOW REMOVAL OF DELETED GETARS CABLE SLEEVE IS LOCATED ON SECONDARY CONTAINMENT WALL AT EL 277 NEAR AZ 319 DEGREES REFER TO DWGS EE-37N - 37AB SECTION 20-20	THE TEMP CABLES WERE REMOVED AND THE PENETRATION WAS RESEALED
C134902	MISC	BREACH AND RESEAL PENETRATION 2WL 013 Y10 (SEPT OUTAGE WORK) BREACH AND RESEAL SECONDARY CONTAINMENT PENETRATION 2WL013Y10 FOR PULLING REPLACEMENT CABLE 2HVR-RYL-201 (REF WR 136375)	THE PENETRATION HAS BEEN BREACHED AND RESEALED
C147334	BLDG-2PHS*R2 61-1	2PHS-R261-1 REACTOR BLDG AIR LOCK DOOR PHYSICAL FAULT DOOR CLOSURE BROKEN DOOR KNOB BROKEN AIR IN LEAKAGE ALONG BOTTOM OF DOOR REPAIR REPLACE AS NECESSARY RB 261 INNER AIR LOCK DOOR SW	REPLACE PARTS, REPLACED CLOSER AND ADJUSTED DOOR BOTTOM SEAL, REPLACED SET SCREW IN KNOB

9 records listed.

05:46:34 12-07-88

CLASS I WORK - MECHANICAL MAINTENANCE

NOVEMBER 88

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W119637	EGS-2EGS*EG3	REF PR 7834 IN APPROX 6 MOS - CHECK THE TIGHTNESS OF THE FOLLOWING BOLTS 1-TURBO-EXHAUST PIPE BOLTS 2-TURBO SUPPORT BRACKET BOLTS 3-TURBO-ADAPTOR BOLTS 4-TURBO ADAPTOR - ENGINE EXHAUST MANIFOLD BOLTS THE ATTACHED SKETCH SHOWS THESE BOLTS	TORQUED BOLTS TO 50 FT LBS
W124255	CES-PNL405	INSTALL A PROCEDURE HOLDER ON 2CES-PNL405 AS DESCRIBED BY E AND DCR C04273	INSTALL PROCEDURE HOLDER
W124525	RHS-MOV80B	PIPE MAY BE BINDING IN TWO-WAY RESTRAINT REMOVE INSULATION ON EITHER SIDE OF 2RHS MOV80B BEYOND THE ELBOWS ON 1 IN. LINE 2RHS-001-227-2 TO ALLOW INSPECTION OF POSSIBLE RESTRICTION	INSULATION REINSTALLED ON WR C124138. NO FURTHER WORK REQD
W127772	RCS-2RCS-56- PSR010C2	GRIND SUPPORT OUT AND REWORK BACKUP BZ-425JV ISODP-370-AF TO FACILITATE WORKING ON 2RCS-V90A WR 147302	PUT BACK SUPPORT TO ORIGINAL STATUS
W128278	SWP-STR4F	RELEASED LEAKAGE F SERVICE WATER STRAINER BASKET DRIVE SHAFT WHERE IT ENTERS THE STRAINER HOUSING IS LEAKING LOCATION EL 261 SERVICE WATER BAY PLEASE REPAIR	STRAINER REPACKED AND SHEAR PINS (2) REPLACED
W128512	CES-IPNL408	INSTALL PROCEDURE HOLDER ON PANEL 2CES-IPNL4008 PER E AND DCR C04273	INSTALL PROCEDURE HOLDER
W128517	CES-IPNL406	INSTALL PROC HOLDER ON PANEL 2CES-IPNL406 PER E AND DCR C04273	INSTALL PROCEDURE HOLDERS
W129464	EGS-EG3	CYLINDER GL APPEARS TO HAVE A LEAKY GASKET ALSO THE CYLINDER HEAD COVER GASKET LEAKS AND THE AIR INTAKE GASKET LEAKS	NO WORK REQUIRED PER RESULTS OF ENGINE ANALYZER
W131116	EGF-100A	FUEL LINE BRACKET NEAR THE OVERSPEED GOVERNOR HAS VIBRATED OFF REINSTALL BRACKET	REINSTALLED FUEL LINE BRACKET ON EG-3
W136243	RCS-2RCS*SOV 104	VALVE FAILS TO REPOSITION ON AN OPEN SIGNAL TROUBLESHOOT ONLY	NO CORRECTIVE ACTION REQUIRED-VALVE CYCLED PROPERLY PER CSO DAVE LOMBER
W136425	EGS-2EGS*EG1	POP TEST INJECTORS AND USE TO REPLACE THE INJECTOR IN CYLINDER 5L 6L 8L 5P 6R 8R (ACC SSS SIG BLOCK	CHECKED FOR OPENING PRESSURE, SPRAY PATTERN, DRY NOZZLE, NOZZLE MAKES A

05:46:34 12-07-88

CLASS I WORK - MECHANICAL MAINTENANCE

NOVEMBER 88

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
		BELOW BLK 26)	CHIRPING NOISE
W136458	EGS-2EGS*EG1	REMOVE FLYWHEEL GUARD AS NECESSARY TO PERFORM BRG CHECKS REPLACE FLYWHEEL GUARD WHEN DONE REPLACEMENT WILL BE BY MODIFICATIONS MOD PKG BEING PROCESSED NOW 10-5-88	FLYWHEEL GUARD WILL BE REPLACED WITH MOD 20690
W136515	MSS-2MSS*PSV 135	REMOVE EXISTING DIKKERS SAFETY VLV SN 160976 AND CRATE AS REGD TO BE SENT OUT TO FOR INSPECTION AND TESTING TO BE USED AS FUTURE SPARE VLV	THIS WORK WILL BE PERFORMED ON WR 145859 -UNVOID PER ELECT DEPT, DETERMED VLV
W136571	RCS-2RCS*P1B	LOOSE BOLTS DURING INSPECTION-IT WAS FOUND THAT THE 8 BOLTS HOLDING THERMAL BUSHING (FIN NO 20) WERE LOOSE AND REQUIRE TORQUING - INSTALL 8 NEW BOLTS IF AVAILABLE	DRILLED OUT SPRIAL PINS, REPLACED BOLTS AND TORQUED TO 20 FT/LBS. DRILLED AND INSTALLED NEW SPRIAL PINS. STAKED SPRIAL PINS INTO PLACE
W136596	RCS-2RCS*MOV 18B	MACHINE NEW PARTS MACHINE GLAND AND GLAND FOLLOWER PER ATTACHED PRINTS FDDR NO K61-0856 NOTE-THIS ASSEMBLY TO REPLACE EDC 2MOD137 EXISTING PACKING GLAND ASSEMBLY	NEW GLAND AND GLAND FOLLOWER PER EDC
W136597	RCS-2RCS*P1A	AFTER PULLING BEARING - AN INSPECTION OF THERMAL SLEEVE BOLTING WAS PERFORMED AND FOUND THAT ITEM 19 SOCKETHEAD CAPSCREW ONE HALF-13 WERE LOOSE REPLACE BOLTS WITH NEW ONES AND RETORQUE	REPLACED CAPSCREWS AND TORQUED TO 20 FT LBS. DRILLED AND INSTALLED SPRIAL PINS PEENED IN TWO LOCATIONS
W138408	GTS-2TS-1B	PERIODIC TESTING-MECH SUPPORT REGD TO SUPPORT VENDOR TESTING WILL REQUIRE 2 PERSONS FOR ONE DAY 11-22 AND SUPPLY OF ONE CAT I - HALF INCH FEMALE PIPE CAP (CS OR SS) 95-15-005 OR 95-15-105	SUPPORTED RAD PROT., REMOVED AND INSTALLED INSPECTION DOORS
W138409	GTS-2GTS*FLT 1A	PERIODIC TESTING-MECH SUPPORT REGD TO SUPPORT VENDOR TESTING - WILL REQUIRE 2 PERSONS FOR DUE DAY 11-22 AND SUPPLY OF ONE CAT I HALF INCH FEMALE PIPE CAP-CS OR SS SN 95-15-005 OR 95-15-105	SUPPORTED RAD PROT REMOVED AND REINSTALLED INSPECTION DOORS
W146787	IAS-2IAS-SOV X186	2IAS-SOVX186 LEAKS BY TO ADS ACCUMULATORS CAUSING OVERPRESSURIZATION (OR 2IAS-SOVY186 LEAKS SEE WR 146788)	REPLACED INTERNAL WORN PARTS OF VALVE WITH NEW PARTS, SEAL WELDED BONNETT TO VALVE BODY
W146976	IAS-2IAS*V46	DISASSEMBLE REMOVE INTERNALS INSPECT FOR FOREIGN	VALVE WAS INSPECTED AND CLEANED

05:46:34 12-07-88

CLASS I WORK - MECHANICAL MAINTENANCE

NOVEMBER 88

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
	6	PARTICULATE AND RE-ASSEMBLE AFTER INSPECTION CONTACT DAVE FLOOD X2116 FOR INSPECTION	
W147437	RCS-2RCS*V60 B	CONTAINED LEAKAGE DURING PERFORMANCE OF N2-ISP-CNT-R-002 ATTACHMENT NO 87 FOUND VLV LEAKAGE TO BE IN EXCESS OF TECH SPEC LIMIT	REPLACED COMP REPLACED CHECK VLV
W147450	SWP-2SWP*LS7 3B	LEVEL SWITCH IS COVERED WITH WATER PUMP WATER OUT OF PIT AND CLEAN DRAIN HOLE OUT	PUMPED OUT WATER AND CLEANED DRAIN OUT
W147473	CSH-2CSH*ADV 108	CSH-ADV108 FAILED TO MEET ITS ACCEPTANCE CRITERIA IN N2-OSP-CSH-R-001 OF LESS THAN 5 GPM AT 1050 PSIG LEAK BY COULD NOT PRESS UP DOWNSTREAM SIDE OF CSH-ADV108 ABOVE 500 PSIG PLEASE REPAIR	SHUT VALVE BY HAND
W147620	IAS-2IAS*SOV Y186	4 THREADED HOLE IN COIL FOR SOVY186 NEED TO BE RETAPPED WORK WITH WR 146788	TAPPED OUT 4 HOLES IN COIL SOV 1864
W147624	DER-2DER-PSS T1221A2	REMOVE SUPPORT NO 2DFR-PSST1221A2 AND INSTALL TEMP SUPPORT UNDER VLV 2DFR-MOV140 AND THEN REINSTALL WHEN ELECT ARE DONE AS AUTHORIZED BY NOTE 8Z-85H-2	REINSTALLED SUPPORT

25 records listed.

05:44:43 12-07-88

CLASS I WORK - ELECTRICAL MAINTENANCE

NOVEMBER 88

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W110154	HVC-MOV1A	SPECIAL FILTER TRAY BYPASS VALVE OUT OF SPEC ADJUST TORQUE SWITCH IN ACCORDANCE WITH E AND DCR C04207B	VERIFIED TORQUE SWITCH SETTINGS.
W110158	SLS-MOV1A	SLCS STORAGE TANK OUTLET OUT OF SPEC ADJUST TORQUE SWITCH IN ACCORDANCE WITH E AND DCR C94935 WORK TO BE PERFORMED DURING NEXT SCHEDULED EQUIPMENT OUTAGE PER DISPOSITION OF NCR 2-86-0094	UPON OPENING LIMIT SWITCH COMPARTMENT TORQUE SWITCH WAS AT LIMITER PLATE OF 1 1/40 1 1/4C.
W110159	SLS-MOV1B	SLCS STORAGE TANK OUTLET OUT OF SPEC ADJUST TORQUE SWITCH IN ACCORDANCE WITH E AND DCR C94935 WORK TO BE PERFORMED DURING NEXT SCHEDULED EQUIPMENT OUTAGE PER DISPOSITION OF NCR 2-86-0094	UPON OPENING LS COMPARTMENT TORQUE SWITCH WAS SET AT LIMITER PLATE OF 1 1/40 1 1/4 C
W110160	SLS-MOV5B	INJ TO VESSEL STOP OUT OF SPEC ADJUST TORQUE SWITCH IN ACCORDANCE WITH E AND DCR C94935 WORK TO BE PERFORMED AT NEXT SCHEDULED EQUIPMENT OUTAGE PER DISPOSITION OF NCR 2-86-0094 TYPE C RETEST	CORRECTED TORQUE SWITCH SETTING TO LIMITER PLATE OF 2 AND 2.
W127752	HVP-2HVP*MOD 6A	ACTUATOR WILL NOT CYCLE DOES NOT PUMP HYDRAULIC OIL THROUGH EVEN WHEN BALANCE BEAM IS PUSHED DOWN REBUILD ACTUATOR REFERENCE WR 146651	REMOVED MOD AND DISASSEMBLED REBUILT MOD6A. AFTER REBUILDING MOD6A WE FOUND THAT THE PUMP MOTOR WAS BAD
W127770	MSS-2MSS*MOV 118	PHYS FAULT MOVATS TESTING OF VALVE DIAGNOSED THE FOLLOWING- A BAD TORQUE SWITCH AND SPRING PACK CAVITY FULL OF GREASE REPLACE TORQUE SWITCH AND DECREASE SPRING PACK	REPLACE PARTS INSTALLED TORQUE SWITCH AND DE-GREASED SPRING PACK
W128802	CEC-2CEC*PNL	VERIFY AND TORQUE HARDWARE AS REQUIRED BY C04183	ALL MATERIAL WAS VERIFIED AS TO

05:44:43 12-07-88

CLASS I WORK - ELECTRICAL MAINTENANCE

NOVEMBER 88

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
	601	AND FDDR KG1-3651 REV 0 AS STATED ON SHEETS 2 THRU 8 OF THIS WR WRITE SEPARATE WR IF INSTALLATION IS REQD	CONDITIONS STATED ON ATTACHED SHEETS PER J. FINK. PART NUMBERS WERE TAKEN DOWN, RECORDED ON ATTACHED SHEET, TO BE ANSWERED LATER FOR THEIR ACCEPTABILITY.
W130083	RCS-SOV105	SOV POSITION INDICATION INDICATES OPEN WHEN VALVE SHUT IE VALVE CYCLES BUT POSITION INDICATION REMAINS INDICATING OPEN TROUBLESHOOT - CORRECT POSITION INDICATION (LIMIT SWITCH)	REPLACE PARTS, OLD REED SWITCHES HAVE CRACKS IN THEM, REPLACED REED SWITCHES.
W138320	CES-2CES*JB8 063	FITTING LEAVING 2-JB8063 ON 2EGS-EQ1 WHICH ATTACHES TWO FLEX CONDUITS GOING TO 2EGF-SOV7005 AND 2EGF-PS4018 IS BROKEN AND NEEDS REPLACED POSSIBLE WIRE DAMAGE	NO DAMAGE FOUND.
W146509	SWP-2SWP*LS7 3B	CORROSION LEVEL SWITCH WAS FOUND UNDER WTR TROUBLESHOOT CABLE 2SWP-BYC069	MEGGERED CABLE TO LEVEL SWITCH READINGS 500 MEGOHMS EACH WIRE TO GROUND, CLEANED LUGS AT LEVEL SWITCH WITH BRUSH AND ELECTRO CLEAN CRC.
W146648	RHS-2RHS*HCV 53C	ONLY IF NECESSARY DETERM CABLES MOVE CONDUIT AND TWO SUPPORTS AS REQD TO ALLOW REMOVAL OF SRVS (P/C EL 305) CONDUIT NO. ARE 2CC990YE3 AND 2CC990YE4 (REF PR8148) AND N2-88-MX179	RESTRAINTS TO BE MODIFIED TO BOLTED CONNECTIONS AND REPLACED ON MOD 88-179. WORK COMPLETED ON SUPPORT WR.
W146805	LAC-2LAC*PNL E05	ABNORMAL CHARACTERISTIC RUN A TEMP POWER CARD FROM A SPARE NON-GFI BKR ON 2LAC-PNLE05 TO THE AREA OF 2CEC-PNL830 831 891 POWER CORD SHALL HAVE A MINIMUM OF 8 STANDARD OUTLET PLUGS MAX AMPS NEEDED IS 30A IN SUPPORT OF MOD 87-037	INSTALLED TEMP POWER CORDS 10-17-88 TEMP MOD 88-204. REMOVED TEMP POWER CORDS 10-31-88 .
W146806	LAC-2LAC*PNL E04	ABNORMAL CHARACTERISTIC	INSTALLED TEMP POWER CORDS 10-17-88 TEMP MOD 88-204. REMOVED TEMP POWER

05:44:43 12-07-88

CLASS I WORK - ELECTRICAL MAINTENANCE

NOVEMBER 88

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
		RUN A TEMP POWER CORD FROM A SPARE NON-GFI BKR ON 2LAC-PNLE04 TO THE AREA OF 2CEC-PNL828 829 890 896 POWER CORD SHALL HAVE MIN 8 STANDARD OUTLET PLUGS MAX AMPS NEEDED IS 30 IN SUPPORT OF MOD 87-037	CORDS 10-31-88 .
W146873	CES-2CES*PNL 405	PERFORM A CONTINUITY CHECK OF THE NORMAL CONTACTS ON SWITCH 19 WITH THE SWITCH IN NORMAL UPON THE COMPLETION OF N2-OSP-RSS-R003 FOR LER 88-36	CHECKED NC CONTACTS ON SWITCH 19 (2RSSN98) PER ATTACHED SHEETS ALL NC CONTACTS WERE CLOSED
W147321	EGT-2EGT*CH4	CH4 OVERHEATED DUE TO NO WATER FLOW THROUGH HEATER CASING WAS RED HOT WHEN FOUND INSPECT AND VERIFY HEATER IS OPERABLE LOCATION DG EL 261 IN DIV I DIESEL ROOM UNDER DIESEL TROUBLESHOOT ONLY	MEGGERED GOOD - PHASE A - 1000+MEGOHM B - 1000+ MEGOHMS PHASE C - 1000+ MEGOHMS RESISTANCE READINGS GOOD - PHASE A-B 36.3 OHMS, A-C 36.4 OHMS, B-C 36.4 OHMS. EVERYTHING LOOKS GOOD.
W147467	EGS-2EGS*EQ1	DIESEL GENERATOR VOLTAGE PEGS HIGH AND STAYS HIGH AND THERE IS NO CONTROL OF AUTO VOLT REGULATOR TROUBLESHOOT	CHECKED OUT FLASH CIRCUIT FOR GENERATOR, TEST RAN DIESEL GENERATOR. NO APPARENT PROBLEM WITH OPERATION.
W147601	CCP-2CCP*MOV 16B	DUAL LIGHT INDICATION ON CLOSE IN CONTROL ROOM AND ADJUST TORQUE SWITCH AS PER EP-410 (FSK-6CCP11)	ADJUSTED BARREL NO 2 FOR PROPER INDICATIONS (ADJUSTED TORQUE SWITCH TO A SETTING OF 2OPEN-2CLOSED RELUGGED AND TERMINATED BROKEN WIRE
W147611	EHS-2EHS*MCC 303	FOUND THE LOWER CIRCUIT BREAKER TO BE BROKEN THE CASE WAS FRACTURED	REPLACED COMPONENT - REPLACED BREAKER (OBTAINED BREAKER FROM ANOTHER CUBICLE), 2EHS-MCC303-3A
W147618	DFR-2DFR*MOV 121	COVER GASKET TORN WHEN REMOVING COVER FOR PREVENTATIVE MAINTENANCE - REPLACE COVER GASKET ALSO REPLACE JUMPER WIRE FROM TORQUE SWITCH TO CONTACT 15C WIRE WAS DAMAGED BY LIMIT SWITCH COMPARTMENT COVER	REPLACED L. S. COMPARTMENT GASKET AND 1 FT. PIECE OF WIRE WITH 2 LUGS
W147625	DFR-2DFR*MOV 140	REPLACE LIMIT SWITCH COMPARTMENT GASKET	REPLACED GASKET WITH NEW FROM STORES, REINSTALLED L. S. COMPARTMENT COVER.

05:44:43 12-07-88

CLASS I WORK - ELECTRICAL MAINTENANCE

NOVEMBER 88

PAGE: 4

WR Number	EPN Number	Failure desc	Corrective Action
W147627	DFR-2DFR-MOV 139	REPLACE BROKEN FUSE CLIP ON CONTROL X-FORMER WITH ONE FROM SPARE BREAKER 2EHS-MCC101 CUB 6B WHICH IS ALREADY AWAITING PARTS (REF WR NO 136668)	REPLACED CLIP
W147637	RHS-2RHS*MOV 22B	FOUND LIMIT SWITCH COMPARTMENT COVER GASKET TO BE DAMAGED SMB-1 REPLACE GASKET	REPLACED GASKET. PMT WAS PREFORMED UNDER W118531.
W147642	EGT-2EGT*CH5	DAMAGED FLEX CONDUIT FLEX CONDUIT GOING TO 2EGT-CH5 IS SPLIT REPLACE CONDUIT	REPLACED FLEXIBLE CONDUIT GOING TO 2EGT-CH5
W147661	EJS-2EJS*PNL 100A	REMOVE SPARE BREAKER FROM PNL100A CKT NO. 25 SEE WR 147690 FOR USE OF THIS BKR SEE WR 147684 FOR REPLACEMENT OF THIS BREAKER	REMOVED BREAKER AS STATED ABOVE.
W147690	DMS-2DMS*MCC A1	THIS WR SUPERCEDES WR 147641 WHILE PERFORMING PROCEDURE N2-EPM-GEN-R521 IT WAS FOUND THAT THE LINE SIDE (N) TERMINAL IS STRIPPED - REPLACE BREAKER TYPE NO E2-B030 PR 8254	REPLACED BREAKER.
W147691	ZZZ	REF WR NO 147677 WR NO 136634 REMOVE OVER STEM TRAVEL LIMIT FROM MOD NH91 8313B 272-448-01-003 SPARE MOD AND PLACE IN MOD NH91 8313B-272-1-48-01-010 SPARE	REMOVED OVER TRAVEL LIMIT FROM MOD NH91 8313B 272448-01-003 AND INSTALLED IN MOD NH91 8313B-2724 48-01-010. MATERIAL RETURN 002608 FOR RETURN OF 8313B-2724-48-01-010.
W147693	ZZZ	DEMAND FAULT HANDLE ON MOD IS LOCATED ON WRONG SIDE PLEASE ROTATE HANDLE 180 DEGREES	ROTATED HANDLE 180 DEGREES WR 147677 WRITTEN TO REPLACE PARTS USED ON WR 136634.
W147697	CSH-2CSH*MOV 118	WHILE PERFORMING N2-EPM-GEN-R520 IT WAS DETERMINED THAT THE GREASE IN THE LIMITORQUE OPERATOR WAS HARDER THAN NORMAL DEGREASE AND REGREASE WITH NEW GREASE	REPLACE PARTS-DEGREASED OPERATOR IN PLACE. REPLACED GASKETS AS NEEDED - REPLACED BEARING PN CBI-42587 AND STOP NUT PN CK1-29-NTE-080
W148134	ENS-2ENS*SWG 103	ENS-SWG103 BKR CUB 14 UT (TRIP) FUSE BLOCK HAS A PIECE BROKEN OFF REPLACE FUSE BLOCK	REPLACED FUSE BLOCK.
W148135	ENS-2ENS*SWG	ENS-SWG103 BKR CUBICLE N1 UL (ELEVATE) FUSE IS	REPLACE PARTS INSTALLED FUSES

05:44:43 12-07-88

CLASS I WORK - ELECTRICAL MAINTENANCE

NOVEMBER 88

PAGE: 5

<u>WR Number</u>	<u>EPN Number</u>	<u>Failure desc</u>	<u>Corrective Action</u>
	103	MISSING ONE OF THE TWO 10 AMP FUSES REPLACE FUSE	

30 records listed.

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W119864	GTS-MOV28B	ACCUMULATOR O-RINGS NEED REPLACEMENT ALONG WITH TIGHTENING OF SOME FITTING LEAKS ARE WITHIN VALVE SPECS	INSTALLED NEW SEALS ORINGS AND SPACERS IN ACCUM, TORQUED END CAP 350 IN. LBS IC7219 CHECKED PS-3 WITH IC7204 1650-1810PSI, CHECKED PS-1 600-700PSI AND PS2 510-760PSI IC8013, TORQUED COVER BOLTS 25 IN. LBS IC7956, VALVE CYCLED SAT
W122218	ICS-PCV115	RCIC ROOM EL 186 DC MOTOR NEEDS TO BE REPLACED WHEN NEW MOTOR IS OBTAINED UPON INSPECTION UNDER WR NO 125910 MOTOR SHOWS SIGNS OF WORN BRUSHES AND POSSIBLY LOOSE BEARINGS REF (C051M)	REPLACED D.C. MOTOR IN BORG-WARNER ACTUATOR WITH NEW MOTOR ISSUE NO. 016334
W128380	HVR-CAB32A-2	PHYSICAL FAULT SCREEN MISSING FROM NOSE SECTION OF MOVING FILTER REPLACE SCREEN	REPLACED SCREEN AND ATTACHED WITH 3145 RTV
W130461	HVR-2HVR*CAB 14B	ANS TO PR NO 8064 CHECK BOARD CONNECTORS AND CONNECTION FOR LOOSE PINS OR TERMINATIONS CHECK SHIELDS SO THAT THEY ARE ONLY GROUND AT ONE END ENSURE SHIELD EXTEND AS FAR AS POSSIBLE ALONG INSTR CABLE BEFORE TERMINATION INSPECT FOR SEPARATION BETWEEN INSTRUMENT AND POWER CABLES SHOULD BE LEAST THREE INCHES	CHECKED CPU AND SYS CARDS AT THE TIME OF FAILURE ON 14B, GROUNDS LIFTED AT MICRO ON AMPHENOLS, CABLES ARE SEPARATED WITHIN MICRO (ART SASANI) CABLE SHIELD IS UNDER NEXT SHRINKS AND THEREFORE CANNOT INSPECT, MICRO FUNCTIONS WELL AFTER REPLACING DEFECTIVE CPU
W130669	SWP-RVX46A	OUT OF CAL EMER RECIRC COOLER 2HVR-UC413AS SERVICE WATER INLET WATER RELIEF VALVE 2SWP-RVX46A IS PAST DUE 10-25-86 CAL PLEASE RECAL ASAP	RECALED RELIEF VLV
W134882	CMS-2CMS*TE1 07	TE107 PROVIDES INPUT TO 2 COMPUTER PTS AND A RECORDER	REPLACED FOXBORO CARD 2CMS-TTX-107-TTY-107 AND PERFORMED PROC N2-ISP-CMS-R106, ISSUE NO 041593 MODEL NO N-2A1-P2V SERIAL NO 5147965

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
#		THESE INDICATIONS READ IRRADICALLY IE DRIFT UP AND DOWN BET 85-120 DEGREES F	
W135502	RMS-2RMS*RE1 B	REPAIR REPLACE 10'S DIGIT IN EXPONENT DISPLAY AND THE NEGATIVE SIGN DISPLAY FOR EXPONENT	REPLACED DISPLAY BOARD
W135977	HCS-2HCS*TSH 20A	ABNORMAL ANN 873406 AND COMPUTER POINT HCSTC13 ARE IN ALARM STPT IS 1550 DEGREES F TI201 AND HCSTA15 BOTH READ 245 DEGREES F AND ARE FED FROM THE SAME TE INVEST CAUSE OF HIGH TEMP ALARM (REF P AND ID 62B)	NOTE-REFER TO LER 88-042 CORRECTIVE ACTION, OPTICAL ISOLATOR CARD WAS CHANGED UNDER WR 145701
W136760	EGA-2EGA*PS2 2B	HIGH PRESSURE SWITCH ALARMING AT 250 LBS INDICATED LOCALLY PLEASE RECAL LOCATED DIV II (2EGS-EG3) STANDBY DIESEL GEN ROOM	WROTE WR 147783 TO REPLACE SWITCH SINCE CONTACTS IN USE ARE BURNED, BUT FROM UNUSED CONTACTS FOUND SWITCH CAL GOOD, RECALED 2EGA-P112B
W139518	RHS-2RHS*FT8 6A	PER PR NO 6837 (ATTACHED) INSTALL CONNECTORS AND PLUGS IN TEST VALVES (TO BE WORKED IN CONJUNCTION WITH N2-ISP-RHS-R122)	REPLACED TEST PLUGS WITH TEST CONNECTORS PER PR 06837 ON 2RHS-FT86A B AND C
W139547	ICS-2ICS*PDT 5A	TRANSMITTER EXHIBITED ROSEMOUNT PARTICLE SYNDROME THIS DATE - REQUIRES REPLACEMENT REF WR 135457	REPLACED 2ICS*PDT5A
W139548	EGS-2EGS*IPN L40B	POWER SUPPLY FOR ANNUN HAS A BLOWN FUSE REPAIR POWER SUPPLY	REMOVED DEFECTIVE RIS POWER SUPPLY AN1157A AND INSTALLED NEW POWER SUPPLY, 125 VDC LEDS LIT INDICATING NEW SUPPLY OPERATIONAL
W139581	CMS-2CMS*CAB 10A	TROUBLESHOOT DP SWITCH FOR POSSIBLE CHATTERING CAUSING HIGH RAD CONDITION HAPPENS WHEN VALVING IN BYPASS	RAD PROT DID THE SURV ON THIS CAB10A, 880915 AND IT WAS SUCCESSFUL ACCORDING TO RP N2-RPS-RMS-R111 PER LYNN KELLOGG
W145639	WCS-2WCS*FT6 7X	THERE IS NOT ANY FLOW INDICATION FOR CLEAN UP SYS ON G33-R609 (LOCATED ON CC-PNL602) WITH WCS SYS 1 PUMP RUNNING AND 1 FILTER ON LINE WITH REJECT FLOW X35 GPM CORRECT AND RESTORE FLOW INDICATION	WR WRITTEN IN ERROR WORK TO BE COMPLETED UNDER WR 146339 AND COMPLETED WHEN WCS CAN BE ISOLATED
W145701	SFC-2SFC*PSL	WHEN REPLACING OPTO ISOL CARD	REPLACED OUTPUT ISOLATOR CARD ZAE

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
	X30A	99-5D (ZAE-Z42) IN PNL 858 CHNL X FAILED ANN 12K-1W RESIST IS THE SUSPECTED CAUSE TLD NO TL2SFC-036 COMPUTER PT-SFCPC03 ANN-873315	Z42 IN PANEL 2CEC-PNL837
W145952	CEC-2CEC*PNL 870	ANNUNCIATOR AND COMPUTER PT HVRBC17 ARE IN ALARM WITH NO SOURCE INPUTS PICKED UP REPLACE OPTICAL ISOLATOR ZE-ZZZ PNL837 (PER 50.59 D88-207)	REPLACED OUTPUT ISOLATOR CARD ZE ZZZ IN PNL 837
W146046	RPS-2RPS*PS2 A	DISASSEMBLE AND REASSEMBLE THE INST TUBING FROM THE FAST ACTING SOLENOID AND PRESSURE SWITCH TO DETERMINE EXACTLY WHAT TYPE OF CONNECTORS AND FITTINGS ARE USED PLEASE INFORM B ROWE X7697 WHAT CONNECTORS ARE USED (EX NPT SWAGelok ETC) FOR LOCATIONS SEE ATTACHED SHEET	COMPLIED WITH ABOVE REQUEST AND FORWARDED INFORMATION TO B ROWE, DID NOT DISASSEMBLE PIPING, VISUAL INSPECTION ONLY
W146419	RDS-2RDS-HCU 1407	FITTING CAP ON P6 CONNECTOR LEAKS IF TORQUED TO REQD SETTING AS PER N2-ISP-RDS-R103	REPLACE PARTS-REPLACED P6 CONNECTOR AND CAP-TORQUED TO GEK SPEC
W146472	GTS-2GTS*MOV 3B	TROUBLESHOOT REPAIR 2GTS*MOV3B FOLLOWING 24 HR CONTINUES RUN CAUSED VALVE TO BE HOT TO THE TOUCH(CAN FRY AN EGG ON IT)	FOUND PEAKS AT REAR OF PUMP, ELBOW UNDER PUMP AND ELBOW ON ACCUM BLOCK INSTALLED NEW PUMP PER EDC 2MOD120 TORQUED HEAD AND SUPPORT BOLTS IC7671 CHECKED PS-2 AND PS-1 (1000-1320 PSI) IC8013 890329 AND PS-3 IC7204 2575-2890 PSI, TORQUED COVER
W146476	RPS-2RPS-PS2 A	TAKE AS FOUND READINGS ON ALL 2RPS PRESSURE SWITCHES LISTED 2RPS-PS2A 2B 2C 2D IF ANY ARE OUT OF SPEC READJUST INFO TO BE SENT TO D KASSAKATIS	PERFORMED PROC N2-ISP-RPS-R103 AND RECORDED THE FOLLOWING - 2RPS-PS2A AS FOUND TRIP 528 PSIG AS LEFT TRIP 530 PSIG, 2RPS-PS2B AS FOUND TRIP 570 PSIG AS LEFT TRIP 570 PSIG, 2RPS-PS2C AS FOUND TRIP 545 PSIG AS LEFT TRIP 545 PSIG, 2RPS-P22D AS FOUND TRIP 570 PSIG AS LEFT TRIP 570 PSIG

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 4

WR Number	EPN Number	Failure desc	Corrective Action
W146481	HVR-2HVR*CAB 14B	DEMAND FAULT REMOVE MICROPROCESSOR CARD CAGE ASSY AND REPLACE WITH NEW MOTHER BOARD CARD CAGE AND INTERNAL CIRCUIT CARDS INCLUDING-CPU-SYS-RELAY-AD-DA-AND ISOL CARDS RELATED WRS 130461 146764	REPLACED BOARDS INDICATED IN DESCRIPTION WITH THE EXCEPTION OF CPU AND SYS BOARDS (COMPUTER DEPT)
W146643	NMS-2NMS-C51 -K601B	WHILE PERFORMING N2-ISP-NMS-W-009 RELAY K34 INTERMITTENTLY HUNG UP CAUSING ANN 603301 AND UPSCALE TRIP AND INOP STATUS LIGHT TO STAY ON REPLACE RELAY K34	REPLACED RELAY
W146762	RMS-2RMS-RAW 1B	OUT OF SPEC METER READING IS OUTSIDE PLUS OR MINUS 15 PERCENT OF RIC READING AS REQD IN N2-RSP-RMS-R106 STEPS 7.3.9 AND 7.3.12	PERFORMED 2RMS RAW1B INDICATOR CALIBRATION, NOTIFIED RADIATION PROTECTION DEPT SUPERVISOR THAT N2-RSP-RMS-R106, INDICATOR TOLERANCE IS TIGHTER THAN MANUFACTURER'S SPEC
W146841	EGS-2EGS*EG1	REMOVE PCV-20 (DWG KSV-45-27 ITEM 53) WHICH WAS PROCURED NSR AND REPLACE IT WITH PCV-20 WHICH WAS REMOVED FROM 2EGS-EG3 UNDER WR 146840	REMOVED PCV-20 (EMS*EM1) AND INSTALLED PCV-20 FROM 2EGS*EG3
W146906	CES-2CES*Z07 E	ELECT PENETRATION HAS MISSING TEST CAP-RB ELEV 250 82 DEGREES	INSTALLED PIPE CAP SNOOP TEST GOOD
W147322	EGS-2EGS*P1A	JACKET WATER SYSTEM TEMP WAS AT 105 DEG. AND NOT OPERATING RECALIBRATE CONTROL CIRCUIT LOCATION DG DIV I 261	REPLACED 2EGS-TS1033A AND RECALED
W147358	NMS-2NMS-IRM B	DURING N2-ISP-NMS-W-009 FOUND K33 TO HANG UP-REPLACE	REPLACED RELAY
W147374	CES-2CES*IPN L408	WHILE PERFORMING LCR IL2EGS-026 ANNUNCIATOR 1-1 ON PANEL 2CES-IPNL408 FLASHED AND RESET BUT DID NOT HAVE ANY AUDIBLE ALARM	FOUND BAD ANNUNCIATOR CARD BLOCKING OUT HORN, REPLACED BAD BOARD
W147375	NMS-2NMS-APR	ABOVE POWER SUPPLY HAS NO OUTPUT	RESOLDERED CONNECTION

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 5

WR Number	EPN Number	Failure desc	Corrective Action
	MC	TROUBLESHOOT 2CEC-PNL608 EL 306 CONTROL ROOM	
W147376	NMS-2NMS*APR MC	GROUND STRAP OF APRM C PLUS OR MINUS 20 VDC PWR SUPPLY REAR DRAWER SWING ARM BROKEN (PULLED OUT OF LUG)	WORK PERFORMED ON SUPPORT COPY BY ELECTRICAL DEPT
W147451	CMS-2CMS*RRX 10A	DIVISION I CONTAINMENT RADIATION CHART RECORDER 2CMS*RRX10A/RRY10A HAS STOPPED RUNNING TROUBLESHOOT LOCATED CR 306 ON 2CEC*PNL880A	REPLACE COMP REPLACED PEN DRIVER BOARD AND FUSE - REPLACE COMPONENT AND CALED TO SPECS
W147461	NMS-C51-K605	NMS Q107 STEP 7.5.1 ABOVE LPRM 100 VDC PWR SUPPLY HAD ZERO OUTPUT VOLTAGE 2CEC-PNL608 306 CONTROL ROOM	REPLACED POWER SUPPLY
W147462	CEC-2CEC*PNL 603	ON FULL CORE DISPLAY DOWNSCALE LIGHT FOR ROD 40-57C DOES NOT GO OFF WHEN DOWNSCALE NOT PRESENT THE LIGHT ASSEMBLY IS BROKEN AND NEEDS TO BE REPLACED	REPLACE - REPLACED LIGHT ASSEMBLY - SYSTEM IS GOOD, SEE ATTACHED PMT
W147491	CMS-2CMS*TY1 31	WHILE PERFORMING N2-ISP-CMS-R108 STEP 7.7.3 PART 2 FAILED OUTPUT OF CORD 2CMSTY131 DRIFTS FROM INPUT 1 PLUS OR MINUS	REPLACED 2CMS-TY131 (2AX-SSC) WITH NEW CARD (N2AX AND SSC)
W147499	CMS-2CMS*TTX 102	WHILE RUNNING N2-ISP-CMS-R108 CMSTA02 OVER RANGED EACH TIME SPECIFIC INPUT FROM PROCEDURE WAS INPUT	PERFORMED N2-ISP-CMS-R108, NO TROUBLE FOUND, IF INPUT IS RAISED OVER 10.000 COMPUTER WILL GO INTO OVER RANGE, THIS IS NOT A PROBLEM, SYSTEM IS DESIGNED THIS WAY
W147649	HTS-2HTS*PNL 003	OUT OF SPEC - CKTS 003-13 14 26 30 31 AND 34 ARE OUTSIDE TOLERANCE OF PLUS OR MINUS 3 DEGREES F FOR SET POINTS-PERFORM N2-ICP-HTS-SAO01 TO CORRECT ALSO CKTS 003-2 AND 3 TEMP READINGS DID NOT LITE UP PLEASE TROUBLESHOOT	CHECK STPT ON 003-1 3 14 26 30 31 34 NO PROBLEM FOUND NO QC REQUIRED FOR TROUBLESHOOTING, JENKINS T 881118, CK CARDS 2 13 34 HAVE BAD OR NO INDICATION WILL BE REPAIRED ON WR'S-2-136993, 13- 147784, 34- 136997
W147703	RMS-2RMS*CAB 10A	CAB 10A AND B - 14A - 23 A AND B - 32 A AND B - 146 A AND B VISUALLY INSPECT SIGNAL CABLE FROM BULKHEAD CONNECTOR J3 PINS G AND H TO MOTHERBOARD	INSPECTED CABLES NO DAMAGE FOUND

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 6

WR Number	EPN Number	Failure desc	Corrective Action
		CONNECTION P3 FOR DAMAGE BY ABRASION AND - OR CUTTING AS FOUND ON HVR-CAB14B WRITE SEP WRS TO REPAIR ANY DAMAGE	
W147711	SWP-2SWP*PDT 1A	REPLACE PIPE PLUG AT ROSEMOUNT XTER TEST CONNECTIONS WITH SWAGELOK CAPPED CONNECTORS P-N SS-400-1-4 AND SS-400-P PER 50-59 - D88-7	REPLACED TEST PLUGS WITH TEST CONNECTOR MRR 21686-87, SYM NO 93-69-097
W147713	HVR-2HVR*CAB 14B	REMOVE AND REPLACE SIGNAL COAX WIRE FROM BULKHEAD CONNECTOR J3 AND MOTHERBOARD P3 WITH SAME UNIT FROM UNIT NO 1 CAL ROOM CAB	REMOVED CABLE FROM MICRO AT UNIT 1 ALTERED IT PER PR 08214 AND INSTALLED UNIT IN HVR*CAB14B PER NCR 2-88-0054
W147753	ICS-2ICS*TS1 003	SWITCH IS BROKEN REPLACE IT	REPLACED AND CALIBRATED SWITCH TESTED SAT
W147754	MSS-MSS-2MSS *FT12A	REPLACE PIPE PLUG AT ROSEMOUNT XTER TEST. CONNECTORS WITH SWAGELOK CAPPED CONNECTORS PN SS-400-1-4 AND SS-400-P PER 50-59 -D88-7	REPLACED PIPE PLUGS WITH ONE FOURTH INCH PIPE TO ONE FOURTH INCH SWEDGELOCK FITTINGS PLUS CAPS
W147755	CSH-2CSH*LT3 A	BLOW DOWN TRANSMITTER SENSING LINES FOR 2CSH-LT3A 3B REFER TO N2-ISP-CSH-R105 FOR POSSIBLE PLANT IMPACTS-REFER TO N2-IMP-EQM--005 FOR VENT DRAIN VLV TORQUE AS NEC	BLEW DOWN XMITTER SENSING LINE
W147756	ICS-2ICS*LT3 A	BLOW DOWN TRANSMITTER SENSING LINES FOR 2ICS-LT3A 3C	BLEW DOWN XMITTER SENSING LINE
W147757	ICS-2ICS*PCV 115	THE OPEN PRESSURE SWITCH (P52) DOES NOT ACTUATE WITH FULL OPEN SIGNAL APPLIED PROBLEM FOUND WHEN WORKING WR 122218	REPLACED PRESSURE SWITCH (PSI) OPEN SWITCH SETPOINT FOR SWITCH - 650 PSI TO DE-ENERGIZE MOTOR - 350 PSI TO ENERGIZE (RESET)
W147762	CEC-2CEC*PNL 601	IND LIGHT FAILS TO CLEAR STEP 7.6.3 PROC ISP-ISC-R106 ATT NO 1 POSSIBLE PROBLEM PNL629 E21Z2 CARD E12-N656A SLOT 4	REMOVED CARD E12 N656A FROM CARD SLOT AND RESEATED - ADS TRIP UNIT CARD OUT OF FILE - PWR FLR STATUS LIGHT CLEARED
W147770	EGF-2EGS*PS3 005B	2EGS*PS3005B HIGH TEMP ANNUNCIATOR DOES NOT ALARM	NO WORK REQD, TEST LOOP DIAGRAM CAUSING FALSE TROUBLESHOOTING, INST CALED WITH N2-ICP-GEN--001 AS PART OF EQ PROGRAM

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL

NOVEMBER 88

PAGE: 7

WR Number	EPN Number	Failure desc	Corrective Action
		TROUBLESHOOT	
W147776	NMS-2NMS*C51 -K605G	WHILE PERFORMING N2-ISP-NMS-Q107 FOUND 100 VOLT POWER SUPPLY FOR 68-24-09B TO HAVE A FAULTY COMMON (J1) REPAIR-REPLACE PWR SUPPLY	JIM HAYNES QC NOTIFIED, REPLACED ION CHAMBER POWER SUPPLY
W147777	NMP--C51-K60 5	WHILE PERFORMING N2-ISP-RCS-Q101 LOOP A SQUARE ROOT CONVERTER (CARD Z8) WOULD NOT CAL SECT 7.6	REPLACED SQ ROOT CONVERTER WITH NEW PART, MRR 86-02857
W147783	EGA-2EGA*PS2 2B	HIGH PRESSURE SWITCH DOES NOT ALARM CONTACTS - SEEM TO BE BURNED - REPLACE 2EGA-PS22B PARTS ORDERED 131021	REPLACED 2EGA-PS22B WITH A NEW SWITCH CALED TO SPEC, LOOP ACTION VERIFIED, AND SYS NOW SAT
W147793	CEC-2CEC*PNL 894	DURING WORK ON WR 138695 HPU -B- WOULD NOT GO TO PRESSURIZED STATE FOUND FUSES BF-1 BF-2 BLOWN PLEASE TROUBLESHOOT	REPLACED FUSE BF-1 AND BF-2
W148107	MSS-2MSS*TS1 069B	WHILE PERFORMING N2-ISP-LDS-M006 - 2MSS-TS1069B DID NOT INITIATE MSIV HALF ISOLATION	REPLACED 2MSS-TS1069B
W148113	NMS-2NMS*APR M-A	DURING NMS-W-007 FOUND UPSCL ALARM LOW AT 70.5 RECAL	RECALIBRATED APRM-A UPSCALE TRIP POINT USING APPLICABLE STEPS OF N2-ISP-NMS-Q107
W148115	SWP-2SWP*TE3 1B	DURING PERFORMANCE OF N2-ISP-SWP-R107 ATT NO. 2 2SWP*TE31B WAS OUT OF SPECIFICATION AT LOW END 32 DEG. F. BY APPROX 2.25 DEG. F. REPLACE DEFECTIVE RTD	REPLACED RTD ELEMENT 2SWP*T1031B EQUALS 47.5 F SWPTA02 EQUALS 45.76 DEG. F.
W148132	NMS-C51K605C	NEEDS NEW D.C. AMP CARD BROKEN RESISTOR	REPLACED D.C. AMP CARD IN APRM -C-, SYMBOL NO. 93-18-766 ISSUE NO. 041832 SN 86Y353-2 RECALIBRATED PER N2-ISP-NMS-Q107 THOMAS JENKINS 881118
W148141	NMS-2NMS*C51 -K600B	WHILE PERFORMING N2-ISP-NMS-M-008 STEP 8.3.7 WAS OUT OF SPEC HIGH TROUBLESHOOT	PERFORMED N2-ISP-NMS-Q108 RAMP TIME STEP 7.6.4-6 WAS OUT OF SPEC, ADJUSTED WITHIN TOLERANCE, PERIOD METER IS READING WITHIN TOLERANCE
W148145	RHS-2RHS*E12 -N052B	WHILE PERFORMING N2-ISP-RHS-R122 SECTION 8.4 TRANSMITTER FAILED TO CALIBRATE	RECALED TRANSMITTER USING APPLICABLE SECTION N2-ISP-RHS-R122
W148200	ISC-2ISC*RV3 6B	WHEN VALVE WAS OPEN THERE WERE NONE OF REQUIRED COMPUTER PTS OR ALARMS	THE PROBLEM IS THAT 2ISC*RV36B AND 2ISC*RV35B ARE PARALLEL ALARMS, WE

05:47:51 12-07-88

CLASS I WORK - INSTRUMENT & CONTROL NOVEMBER 88

PAGE: 8

WR Number	EPN Number	Failure desc	Corrective Action
			LIFTED LEADS ON M2 OF 33C-ISCN04 TO CLEAR ALARM DUE TO RV35B (WR CURRENTLY OPEN) AND TESTED RV36B IT WORKED

57 records listed.

NINE MILE POINT—UNIT 2/P.O. BOX 63, LYCOMING, NY 13093/TELEPHONE (315) 343-2110

December 8, 1988

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


SUBJECT: Operating Statistics & Shutdown - November 1988
Docket No. 50-410
NINE MILE POINT UNIT 2

Dear Sir:

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

Also included is a narrative report of Operation Experience for November 1988.

Very truly yours,


James L. Willis
General Superintendent

JLW/psc
Attachments

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

IE24
1/1 25

