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 WILLIS, J. L. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1990 for Nine Mile Point
 Nuclear Station Unit 1 (W/900412 ltr.)

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April 12, 1990
NMP61674

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


Subject: Operating Statistics and Shutdowns - March 1990
Docket No. 50-220
Nine Mile Point Nuclear Station - Unit #1

Dear Sir:

Submitted herewith is the Report of the Operating Statistics and Shutdowns for March 1990 for the Nine Mile Point Nuclear Station - Unit #1.

Also included is a narrative report of Operating Experience for March 1990.

Very truly yours,


James L. Willis
General Superintendent
Nuclear Generation

JLW/KAD/djt
Enclosures

xc: Regional Administrator, Region I
Resident Inspector
File

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R PDC

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Cmt No P306177500*

5/27/1968
K. H. H. H.
H. H. H. H.

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE: 04/09/90
 COMPLETED BY KDahlberg
 TELEPHONE (315) 349-2443

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 3/1/90 through 3/31/90
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
7. Maximum Dependable Capacity (Net MWe): 610
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): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2,160.0	180,049.2
12. Number Of Hours Reactor Was Critical	0.0	0.0	115,234.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,204.2
14. Hours Generator On-Line	0.0	0.0	112,117.2
15. Unit Reserve Shutdown Hours	0.0	0.0	20.4
16. Gross Thermal Energy Generated (MWH)	0.0	0.0	188,473,132.0
17. Gross Electrical Energy Generated (MWH)	0.0	0.0	62,473,070.0
18. Net Electrical Energy Generated (MWH)	-6,545.0	-17,937.0	60,451,661.0
19. Unit Service Factor	0.0	0.0	62.3
20. Unit Availability Factor	0.0	0.0	62.3
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	55.1
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	54.2
23. Unit Forced Outage Rate	100.0	100.0	24.7

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

Refuel outage started on January 22, 1988

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 1990
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-220
UNIT: NMP-1
DATE: 04/09/90
COMPLETED BY: KDahlberg
TELEPHONE: (315) 349-2443

MONTH March 1990

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.



11/11/11

11/11/11

11/11/11

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH 03/90

DOCKET NO.: 50-220
 UNIT NAME: NMP-1
 DATE: 04/09/90
 COMPLETED BY: KDahlberg
 TELEPHONE: (315) 349-2443

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
	880122	S		C			4		The decision was made to start the refuel outage since the plant was already shutdown due to problems within the Feed-water System.
	880416	F		F			4		Outage reclassified as Forced.

1
 F. Forced
 S. Scheduled

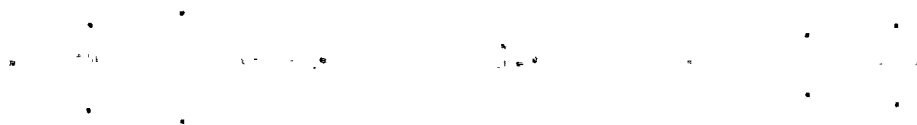
2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4
 Exhibit C - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

(9/77)



NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE

The Station operated during the month of March 1990 with a Unit Availability Factor of 0.0% and a Net Design Electrical Capacity Factor of 0.0%. There were no challenges to Electromatic Relief Valves. Reductions in Capacity Factor were due to Refuel Outage (extended).

CLASS I WORK - MECHANICAL MAINTENANCE - March 1990

See attached printout.

CLASS I WORK - INSTRUMENTS AND CONTROLS - March 1990

See attached printout.

CLASS I WORK - ELECTRICAL MAINTENANCE - March 1990

See attached printout.



04-05-90			Mechanical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH	
WR Number	EPN Number	TITLE	Description	Corrective Action
W155119	01	MS703 VALVE	PLEASE REPAIR OR REPLACE END OF MS703 VALVE PIPE CAP GALLED THREADS WHILE REMOVING FOR LEAK RATE ALSO NEW PIPE CAP NEEDED TO BE INSTALLED LOCATED IN DRYWELL EL 259 UNDER MSIV 01-01	REMOVED BAD THREADED AREA WITH BAND SAW RETHREADED THE END OF THE DRAIN AND INSTALLED NEW CAP
W172983	31-01R	11 FEEDWATER CHECK VALVE WEST	CONT LEAKAGE DO MAINT ON VALVE 31-01R TO REDUCE LEAKAGE AND MEET TECH SPEC LIMITS	REMOVED BONNET AND CLEANED INTERNALS OF ANY DIRT INSPECTED THE VALVE AND THE SEATING AREA REQUIRED BY THE WORK PLAN AFTER CLEANING AND INSPECTING THE VALVE BONNET INSTALLED AND TORQUED AS REQUIRED
W173800	32-IA50D	14 RX RECIRC PUMP DISCHARGE PRES TAP ISOLATION VALVE TO DP IA 50D	1" HANCOCK VALVE HAS 1 1/2" CRACK ON VALVE BODY NEAR UPSTREAM SEAL WELD LEAKAGE OBSERVED PLEASE REPLACE LOCATION RX RECIRC PUMP 14 ELEV 225' 6" R BLDG	REPLACED VLV IA 50D
W171123	32-NG03A	11 RECIRC PUMP DISCHARGE	VALVE LEAKING BUCKET UNDER VALVE RB ELEV 237 DRYWELL	VOID LEAKAGE OF 1 DROP PER MINUTE FOUND
W171121	32-NG03B	12 RECIRC PUMP DISCHARGE	VALVE LEAKING FUNNEL UNDER LEAK LOCATION RB EL 237 DRYWELL	VOID LEAKAGE OF 1 DROP PER MINUTE FOUND
W171531	33-02	VALVE 33-02	PACKING LEAK BEFORE YOU REPACK THIS VALVE SEE IF IT CAN BE ADJUSTED	TOOK UP ON PACKING 1 5/8" BETWEEN BODY AND PACKING GLAND
W172985	34-01	REACTOR HEAD SPRAY IV 34-01	CONT LEAKAGE DO MAINT ON VALVE 34-01 TO REDUCE LEAKAGE AND MEET TECH SPECS TROUBLESHOOT AS NECESSARY RX BLDG 298 EHER COND SUPPLY RM	NO WORK REQUIRED I&C PERFORMED SUCCESSFUL ILRT ON VALVE
W178200	39-13R	EMERGENCY CONDENSER STEAM LINE DRAIN	THE EMERGENCY CONDENSER STEAM LINE DRAIN 39-13R FAILED TO MEET THE 10 SEC OPEN TO CLOSED STROKE TIME. PLEASE REPAIR AS NECESSARY. LOCATED RX BLDG 281 ECIV ROOM	ACTUATOR REMOVED ON 900306 AND STORED ON JOB REBUILT CYLINDER AND PISTON NEW ORINGS CLEANED THREADS ON STEM TO HANDWHEEL
W178285	39-112	EC TANKS 112 121	PLEASE OPEN AND INSPECT CHEMISTRY REPORTS HIGH CONDUCTIVITY IN THEM	NO WORK REQUIRED PER JOE ROSS CHEMISTRY OPERATIONS FLUSHING OF TANKS LOWERED CONDUCTIVITY TO ACCEPTABLE LEVELS
W173793	39-HS-5	SNUBBER 39-HS-5	REPLACE LOAD STUD AND NUTS ON 39-HS-5	STUD WAS RETURNED TO STORES ON RETURN 024730 AND REISSUED ON MATERIAL ISSUE 109793
W178079	39-HS-12	SNUBBER 39-HS-12	LOW FLUID LEVEL SNUBBER RESERVOIR LOW ON FLUID DRYWELL EL 259 TOP OF STAIRWELL TO THE LEFT AZMITH 0 DEGREE 7 FT OFF GRATING TOWARD INNER WALL REPLACE AS NECESSARY	VALVE REBUILD KIT INSTALLED SNUBBER REFILLED WITH SF-96-1000. SNUBBER TESTED AND REINSTALLED IN ORIGINAL LOCATION
W178187	42-BRACKET	11 & 12 LIQUID POISON PUMP SUCTION LINE BRACKET	BRACKET BETWEEN 11 AND 12 LIQUID POISON PUMP RELIEF LINE AND DEMIN WATER TO SUCTION LINE (THERE IS A BRACKET CONNECTING THOSE TWO LINES) BROKEN (CLAMP MISSING) LOCATION RB 3RD FLOOR ON 11 I.P. PUMP (UNSTRUT TYPE CLAMP)	ENGINEERING INVESTIGATION FOUND BRACKETS TO BE UNWARRANTED WERE USED ONLY TO WRAP CHAINS AROUND TO LOCK VALVES IN VICINITY BRACKETS HAVE BEEN REMOVED
W166414	44-PIPE	CRD WITHDRAW LINE VENT VALVES	REMOVE 3/4 INCH CLOSE NIPPLE AND 3/4 INCH CAP FROM VENT VALVES AND REPLACE WITH 3/4 INCH PIPE PLUG FOR THE FOLLOWING DRIVES: ON WEST MEZZANINE RB 237 02-19 AND 06-19	REMOVED NIPPLES AND CAPS ON ABOVE VALVES AND INSTALLED PLUGS

04-05-90

Mechanical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W172576	50-141	13 CONDENSATE DEMIN OUTLET BV	INTERNAL LEAKAGE BV 50-141 SHOWS CLOSE BUT DEMIN SHOWS FLOW WITH INLET AND OUTLET CLOSE APPROX 25 GPM LEAKING TO SPENT RESEN TK BECAUSE OF LINE UP. PLEASE INVESTIGATE AND REPAIR	VOID NO WORK REQUIRED BY MECH MAINT
W151070	53-01	BV FROM CST'S TO CRD PUMPS	250 TB UNDER CST DURING THE CST HYDRO A CRACK IN VALVE 53-01 WAS DISCOVERED AT THE FALNGE AREA VALVE DOES NOT LEAK AND PASSED. THE HYDRO PLEASE REPLACE THE VALVE	VOID WORK TO BE DONE ON MOD N1-90-046
W171637	63.2-01	VACUUM BREAKERS 63.2-01 AND 02	VALVES TOOK EXCESSIVE AIR PRESSURE TO OPEN IN FORWARD FLOW TEST N1-51-04 PLEASE DISASSEMBLE AND INSPECT VALVES OR REPLACE VALVE	REPLACED BALL SPRING RING BACK SEAT AND REPACKED WITH 8 RINGS PACKING BACKSEAT RETAINING RING HAS LEFT HANDED THREAD FOR REMOVAL
W171356	70-85	BLOCKING VALVE 70-85	BLOCKING VALVE 70-85 LOCATED IN THE RX BLDG ABOVE ELEV 261 IN THE EAST HALLWAY IS MISSING ITS HAND LEVER DEF TAG NO 10638 IS LOCATED ON WALL BELOW COMPONENT	REPLACED HANDLE AND RETAINER PIN
W171368	70-312	LOCAL TEMP INDICATOR AND THERMOWELL	REMOVE TEMP INDICATOR 70-312 AND ITS THERMOWELL FROM THE RBCLC DISCHARGE PIPING AT HEAT EXCHANGER 70-15 REPLACE WHEN NDE IS COMPLETE	REMOVED AND THEN INSTALLED TEMP INDICATOR 70-312 AFTER NDE HAD COMPLETED THEIR WORK
W173185	70-PIPE	11 INSTRUMENT AIR COMPRESSORE	LEAKS REPLACE LINE FROM INTER COOLER TO HEAD. PER NCR NO. 1-90-0039	REPLACED PIPING FROM INNER COOLER TO HIGH PRESSURE HEAD
W168348	80-105	CONT SPRAY PUMP MOTOR COOLING STRAINERS	DRAIN ON MOTOR COOLING STRAINER FOR CTN SPRAY PUMPS 80-03 80-04 NEEDS A THREADED CAP RB ELEV 198 NW	REPLACED MISSING PIPE NIPPLES AND PIPE CAPS ON DRAIN VALVES
W163697	81-06	CORE SPRAY STRAINER 81-06 PRESSURE INDICATOR LINE SUPPORT	SUPPORT FOR 3/4" PRESSURE GAUGE LINE HAS HILT PULLED FROM WALL SUPPORT IS LOCATED ON WALL 6' EAST OF STRAINER REPAIR 81-06	WORK TO BE COMPLETED ON WR 181558 PER T LUCAS
W178227	81-99	SPECTACLE FLANGE TO CORE SPRAY LOOP 12	PLEASE RETURN THE SPECTACLE FLANGE 81-99 TO THE NO FLOW POSITION LOCATED BY THE SOUTH WEST PIT	READJUSTED SPECTACLE FLANGE TO NO-FLOW POSITION PER WR
W173389	83.1-83-10	DWEDT OUTLET/OUTSIDE IV	PLEASE REWORK IV 83.1-10 NEED TO REDUC LEAK RATE THROUGH VALVE TO HELP OBTAIN <30 PERCENT L TO TECH SPEC LIMIT	NO WORK REQUIRED PER P SWEENEY 18C VALVE CURRENTLY HAS ACCEPTABLE LEAKAGE
W178253	93-01	112 CONTAINMENT SPRAY RAW WATER PUMP	PLEASE CLEAN SEAL CAVITY AND REPACK PUMP SEAL INLET PLUGGED WITH SAND	1 RING OF PACKING REMOVED AND FOUND TO BE OK 1 NEW RING OF PACKING INSTALLED
W178252	93-03	122 CONTAINMENT SPRAY RAW WATER PUMP	PLEASE CLEAN SEAL CAVITY AND REPACK PUMP SEAL INLET PLUGGED WITH SAND	1 RING OF PACKING REMOVED AND FOUND TO BE OK 1 RING OF PACKING REPLACED
W178251	93-04	121 CTN SPRAY RAW WATER PUMP	PLEASE REPACK PUMP AND CLEAN SEAL CAVITY PLUGGED WITH SAND NOTE OPS RAN FOR 2 MIN PACKING GOT REAL HOT	4 RINGS OF PACKING WERE PULLED DOWN TO LANTERN RING APPEARS TO BE OK 4 NEW RINGS INSTALLED

04-05-90

Mechanical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W172991	93-60	RAW WATER TIE TO CONTAINMENT SPRAY	VALVE 93-60 WILL NOT PASS THE LLRT REPAIR AS NECESSARY HOLD WR OPEN UNTIL PMT IS PASSED	REPAIR VALVE DISASSEMBLED AND MEETING SURFACES CLEANED AND POLISHED BLUE CHECK PERFORMED 360" CONTACT VALVE REASSEMBLED BONNET STUDS TORQUED 410 FT/LBS FIRST BONNET GASKET DESTROYED ISSUED SECOND
W173702	94-02	12 INSTRUMENT AIR COMPRESSOR	MINIMAL CLEARANCE FOUND BETWEEN PISTON OR CYLINDER WALLS IN BOTH HIGH LOW PRESSURE CYLINDERS REPAIR AS NECESSARY	REPLACE PARTS AND REPAIR COMPONENTS REBUILT COMPRESSOR
W173392	110-127	REACTOR RECIRC SAMPLE LINE IV	PLEASE REWORK IV 110-127 NEED TO REDUCE LEAK RATE THROUGH VALVE TO HELP OBTAIN 30 PERCENT L TO TECH SPEC LIMIT	NO WORK REQUIRED PER P SWEENEY I&C VALVE CURRENTLY HAS LEAKAGE
W172988	201.2-23	TORUS/DW 02 SAMPLE VALVE 201.2-23	CONT LEAKAGE DO MAINT ON VALVE 201.2-23 TO REDUCE LEAKAGE AND MEET TECH SPEC LIMITS TROUBLESHOOT AS NECESSARY EL 237 NO INST RM	DISASSEMBLED CLEANED AND LAPPED SEATS AND DISC AND REASSEMBLED
W172383	201.2-23	H202 SYSTEM 12 TORUS SAMPLE STREAM D INSIDE IV	PLEASE REWORK IV 201.2-23 NEED TO REDUCE LEAK RATE THROUGH VALVE TO HELP OBTAIN 30 PERCENT L TO TECH SPEC LIMIT	DISASSEMBLED VALVE AND CLEANED INTERNALS INSIDES WERE DIRTY CLEANED SEATS
W173794	201.2-28	TORUS/DRYWELL 02 SAMPLE VALVE 201.2-28 1/2" GLV	VALVE DID NOT PASS LEAK TEST LOCATED 237 NORTH INST RM DISASSEMBLE INSPECT REPAIR IF NEEDED	DISHANTLED 201.2-28 AND BAGGED AND TAGED AND STORED ON EL 237 NE CORNER OF N INST ROOM ON FLOOR LAPPED AND CLEANED AND REASSEMBLED VALVE AND WAITING FOR I&C TO TEST
W172989	201.2-28	TORUS/DRYWELL 02 SAMPLE VALVE 201.2-28	DO MAINT ON VALVE 201.2-28 TO REDUCE LEAKAGE AND MEET TECH SPEC LIMITS TROUBLESHOOT AS NECESSARY EL 237 NO INST RM	DISASSEMBLED CLEANED LAPPED SEATS AND DISC CLEANED AGAIN AND REASSEMBLED
W173393	201.7-11	H202 SYS 11 DRYWELL SAMPLE RETURN IV	PLEASE REWORK IV 201.-7-11 NEED TO REDUCE LEAK RATE THROUGH VALVE TO HELP OBTAIN 30 PERCENT TO TECH	NO WORK REQUIRED PER P SWEENEY I&C VALVE CURRENTLY HAS ACCEPTABLE LEAKAGE
W173874	202-41	INSULATION ON CHARCOAL FILTER HOUSING NEXT TO 202-72 202-73	REMOVE WHITE INSULATING MATERIAL AROUND SENSING ELEMENTS 202-72A 202-73A ON SOUTH SIDE OF CHARCOAL FILTERS APPLIED AS A RESULT OF WR 163047 THIS NEEDS TO BE COORDINATED WITH WR 152014 BY ADDING REQUIRED INSULATION TO THIS AREA	REMOVED WHITE INSULATION AND REPLACED IT WITH FOAM
W152014	202-41	INSULATION ON CHARCOAL FILTER HOUSING	REPAIR THE AREAS ON THE CHARCOAL FILTER HOUSINGS WHERE INSULATING MATERIAL IS MISSING REPAIR USING INSULATION SAME AS EXISTING ORIGINAL 1" THICK PLOYURETHANE FOAM WITH 15" FACTOR REPAIR PER INSULATION MANUFACTURER INSTRUCTIONS	SPRAYED FOAM ON AREAS AS NEEDED AS PER LINE 10
W171632	210-39	BUTTERFLY VALVE 210-39 CONTROL ROOM VENT	INLET TO CONTROL ROOM VENT BUTTERFLY VALVE 210-39 LEAKS OUT NORTH END OF OPERATOR PLEASE REPAIR LOCATED TB 305 SW	DISASSEMBLED ACTUATOR ON VALVE AND REPLACED TRAVEL STOP THAT WAS LEAKING AIR

04-05-90

Mechanical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W173089	210.1-CHILLER R 11	CHILLER 11 COMPRESSOR 11 EXPANSION VALVE	EXPANSION VALVE ON CHILLER 11 COMPRESSOR 111 HAS FAILED. PREVIOUS REBUILD HAS FAILED PLEASE REPLACE OR REPAIR TB, 300 CHILLER 11 EAST SIDE	REMOVED VALVE FROM LINE INSTALLED NEW EXPANSION VALVE
W181725	305-111	HCU 06-27 FOOTVALVE 111	HCU 06-27 FOOTVALVE LEAKS N2 EXCESSIVELY PLEASE REPAIR	TOOK VALVE APART AND CLEANED THEN REPLACED OLD O RINGS WITH NEW ONES

04-05-90

Instrument & Controls - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W156131	036-1013	RELAY 1013 GEMAC RX LVL INST	ALL FOUR GEMAC LEVEL INDICATOR IN CONTROL ROOM ARE READING ON SCALE H20 LEVEL IS AT 340 ELEVATION PLEASE TROUBLESHOOT	
W181450	36-35	WIDE RANGE LEVEL TRANSMITTER 36-35	RX WIDE RANGE LEVEL TRANSMITTER 36-35 FOR SPDS COMP PT 1347 FAILS TO RESPOND TO A CHANGE IN INPUT XMITTER LOCATED IN WEST INST RM REPLACE BLOWN FUSE IN POWER SUPPLY ID28B	REPLACE BLOWN FUSE
W178293	36-F445	RPS 12 EMERGENCY COOLING AUTO OPERATE	DURING PERFORMANCE OF N1-ISP-M-036-004 ANNUNCIATOR F4-45 DID NOT RESET PLEASE TROUBLESHOOT	WROTE WR 173548 TO ELECTRICAL MAINTENANCE TO REPAIR
W172546	36-RV30A	CORE SPRAY BREAK DETECTION INST	P INDICATOR NEEDLE BENT	INSTALLED NEW NEEDLE ON P INDICATOR CAL PER S-MI-5.3-0011 AND N1-ISP-Q-040-001
W181169	50-20	VALVE CONTROLLER	AIR LEAK AT CONTROLLER FOR VALVE 50-20 TB EL 261 TROUBLESHOOT	NO ACTION REQUIRED SNOOPED ALL FITTINGS NO LEAKS FOUND AIR LEAKING FROM PILOT VALVE ASSEMBLY NEEDED FOR NORMAL OPERATION OF POSITIONER
W173072	57-25	57-25 ACTUATOR GAUGES	CONDENSATE TRANSFER PUMP FUEL POOL MAKE UP TANK VALVE 57-25 2 0 3 ACTUATOR GAUGE GLASSES ARE BROKEN REPLACE GAUGES RX BLDG 318 EAST HALL BY ELEVATOR	REPLACED GAUGES THAT HAD BROKEN GLASSES WITH NEW GAUGES
W177919	92-APRM 14	APRM 14 INTERMEDIATE ALARM AT 98%	WHILE PERFORMING N1-ISP-Q-092-324 INTERMEDIATE ALARM 98% WAS FOUND TO BE IN SPEC PER BUT .002V OVER GUIDE VALVE ALARM POINT IS NOT ADJUSTABLE AND NOT TECH SPEC INVESTIGATE /REPAIR AS NECESSARY TROUBLESHOOT	SLIGHTLY INCREASED SCRAM SLOPE TO BRING ALL TRIPS INTO REQUIRED SPECS AS PER N1-ISP-Q-092-324
W178217	94-01	INSTRUMENT AIR COMPRESSOR 11 LOW PRESSURE START SWITCH	WHEN IAC 13 IS RUNNING IN LEAD 11 IAC STARTS WHILE IT SHOULD BE IN STAND BY WHEN AIR DEMAND DOES NOT WARRANT 11 IAC TO START PLEASE REPAIR/CALIBRATE AS NECESSARY TROUBLESHOOT	NO PROBLEM FOUND ORIGINATORS SATISFIED
W177970	94-63 A1	INSTRUMENT AIR COMPRESSOR 12 1ST STAGE AIR SWITCH	WILL NOT REACH SETPOINTS REQUIRED ON DCR N1-90-900LS010 PLEASE REPLACE SWITCH	SWITCH WHICH REQUIRES REPLACEMENT IS OBSOLETE SWITCH TO BE REPLACED UNDER MODIFICATION N1-88-115
W178236	201-02	12 DW COOLER VIBRATION SWITCH	OUT OF SPEC CANT RESET VIB ALARM WITH FAN OUT OF SERVICE PLEASE RESET SWITCH LIMIT TROUBLESHOOT	RESET SWITCH MANUALLY COULD NOT REPRODUCE NON RESETTABLE PROBLEM
W156460	201.2	X9 CLEANUP DRYWELL PENETRATION LINES	CLEANUP DRYWELL PENETRATION LINES REPAIR BROKEN LINES RX 261 EAST ASSOC RWP 390451 TEMP MOD STILL OPEN 5203	WORK PERFORMED ON MOD N1-89-103 MOD INFO ATTACHED
W178221	201.2-X-25	NZ SUPPLY TO PENETRATION X-25	REPAIR NZ LINE AT PENETRATION. LINE WAS REMOVED DURING THE PERFORMANCE OF N1-ISI-HY0-425 PENETRATION IS FOR DW FLOOR DRAIN LINE R5237 WEST OF CRD PUMPS	REPAIRED USING PARTS ON ISSUE NO 119289 PERFORMED PMT

04-05-90

Instrument & Controls - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W178222	201.2-X-26	NZ SUPPLY TO PENETRATION X-26	REPAIR NZ LINE AT PENETRATIONS. LINE WAS REMOVED DURING THE PERFORMANCE OF N1-ISI-HYD-425. PENETRATION IS FOR SW EQUIPMENT DRAIN LINE RB 237 SOUTHWEST OF CRD PUMPS	REPAIRED USING PARTS ON ISSUE 119290 119289 AND PERFORMED PMT
W172987	201.6-6M	MECH PENETRATION TEST STATION 6M	CONTAINED LEAKAGE DETERMINE WHICH PENETRATION ON PANEL 6M HAS EXCESSIVE LEAKAGE AND REPAIR AS NECESSARY	DETERMINED PENETRATIONS X2-A AND X2-B MAIN STEAM LINE PENETRATIONS ARE THE LEAKERS A PROBLEM REPORT WAS WRITTEN BECAUSE THE LEAKS COULD NOT BE FOUND
W181786	210-56	CHILL WATER SUPPLY VALVE	VALVE DOES NOT MOVE PLEASE CHECK	ADJUSTED CONTROLLER AND LEFT BINS CONTROL SET FOR 60 DEGREE FARENHEIT
W173081	210.1-112	CONTROL ROOM CHILLER #11 TEMP CONTROL TC 210.1-112	CAP TUBE ON CONTROL BROKEN PLEASE REPLACE TEMPERATURE CONTROL AND CALIBRATE LOCATED TB 300 CHILLER #11 DEF TAG #12181	NONE WORK TO BE PERFORMED USING H00880
W173590	210.1-N/A	CONTROL ROOM CHILLER 11	CHILLER 11 IS NOT FUNCTIONING PROPERTY TROUBLESHOOT	TROUBLESHOOT CHILLER REPAIR DONE ON WR 173089
W177995	305-22-43	HCU 22-43 118 SOLENOID	HCU 22-43 118 SOLENOID LEAKS BY	REBUILT SOLENOID VALVE 118 ON HCU 22-43 PER N1-IHP-X-044-008 PARTIAL AS PMT MATERIAL ISSUE TICKET NO. 119276.
W171693	MG-162	162 MG SET	DURING MINI R2 TEST MG TRANSFERED TO DC BUT OUT PUT CONTRACTERS OPENED DUE TO UNDER PROC AND UNDER VOLTS PLEASE REPAIR	PROBLEM RESOLUTION TO BE ACCOMPLISHED BY COMPLETING N1-STP-5 NO WORK TO BE PERFORMED UNDER THE WR
W181501	MG-171	MG SET 171	REPLACE PRESENTLY INSTALLED 90V VOLTAGE REGULATOR WITH A NEW BASLER SR4A1A01A4E VOLTAGE REGULATOR SAVE OLD REGULATOR AND REINSTALL IF NEW REGULATOR FAILS PMT REF NCR 1-89-0513 AND 1-89-0514	NONE WORK IS NO LONGER REQUIRED PER ORIGINATOR
W181738	MG-MG172	172 MG SET	WHEN NO 172 MG SET WAS PLACED IN SERVICE THE VOLTAGE BEING SUPPLIED TO THE BATTERY SLOWLY INCREASED EFFORTS TO CONTROL THE VOLTAGE SEEMS TO HAVE NO EFFECT AS A RESULT THE MG SET WAS REMOVED FROM SERVICE	TROUBLESHOOT AND FOUND NO PROBLEMS EXCEPT THAT OUTPUT VOLTAGE WAS ADJUSTED TO BE LIMITED BY THE CURRENT LIMITER
W172659	TTMS-CF2	FUSE CF2 IN CAR 1569	FUSE CF2 IN CAR 1569 IS BLOWN INTERRUPTING POWER TO POWER SUPPLY AR IN SPARE CABINET RESULT IS NOT POWER TO ZMITTERS 36-23A 36-24A CAUSING BOIL OFF INDICATION ON ACUREX 11	REPLACE PARTS CHANGED FUSE CF2 AS REQUIRED STILL NO OUTPUT ON POWER SUPPLY AR SUSPECT FAULTY POWER SUPPLY WR 173598 WAS WRITTEN TO TROUBLESHOOT POWER SUPPLY

04-05-90			Electrical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH	
WR Number	EPN Number	TITLE	Description	Corrective Action
W181535	05-03R	JUNCTION BOX FOR 05-03R	REPAIR FLEX BETWEEN JB 23109G AND IV 05-03R REROUTE WR IF WIRING IS TO BE DISCONNECTED RX 318	TAPED FLEX USING OKONITE 35 AND SCOTCH 88
W181709	29-FU-2	REACTOR FW PUMP 12 AND 13 VALVE AIR FAILURE LOCK RESET CKT FUSES	REPLACE DAMAGED FUSE FU-2 AND MISSING BLOWN FUSE FU-3 IN AUX CONT CAB 1533 WITH 6 AMP BUSS TYPE KTK-R FUSES SEE DWG C19951C SH 3 AND C23074C	REPLACED FUSES FV-2 AND FV-3
W181520	33-04	CLEAN UP SUPPLY IV 12	D.C. MOTOR INSPECTION COVER STUD BROKEN OFF MOTOR END BELL REWORK AND REPLACE STUD PEERLESS MOTOR	REMOVED END BELL FROM MOTOR FOR MECH MAINT INSTALLED AFTER MECH MAINT REPAIRED
W181702	37-01	REACTOR HEAD VENT VALVE 37-01	REACTOR HEAD VENT VALVE 37-01 WOULD NOT STROKE ELECTRICALLY WHILE PERFORMING N1-ST-V8 AND N1-ST-R11. VALVE WAS MANUALLY STROKED AND SEEMED TO WORK FINE. NO BINDING. REPLACE OVERLOADS AS REQUIRED.	REPLACED THERMAL OVERLOAD HEATERS AS REQUIRED PERFORMED N1-EPH-GEN-4Y182
W181522	38-01	RX SD COOLING SUPPLY IV 11	WHILE PERFORMING N1-EPH-GEN-R120 THESE PROBLEMS WERE FOUND AT OPERATOR MOTOR LEADS. NEEDS TO BE RELUGGED TERMINAL BLOCK MOUNTING SCREW AND WASHER MISSING FLEX CONDUIT NEEDS TAPING NO STEM PROTECTOR REWORK AS NECESSARY	RELUGGED MOTOR CABLES REPLACT TERMINAL BLOCK MOUNTING SCREEN TAPED FLEX CONDUIT WR 181524 TO REPLACE VALVE STEM PROTECTOR PER PLANNING
W173548	39-4-12/39-05	RPS 12 EMERGENCY COOLING AUTO OPERATE CIRCUITRY	DURING PERFORMANCE OF N1-ISP-H-036-004 ANNUNCIATOR F4-4-5 FAILED TO RESET TROUBLESHOOTING PER WR178293 INDICATED RELAY 4-12/39-05 FAILED TO ENERGIZE SYMPTON IS INTERMITTENT	RELAY WAS TESTED BY METER AND TEST AND FOUND TO BE OPERATING WHEN ENERGIZED
W178299	39-13R	EMERGENCY CONDENSER STEAM SUPPLY DRAIN SUPPLY 121	EMERGENCY CONDENSER STEAM SUPPLY DRAIN IV 121 GREEN PENET SWITCH IS NOT MAKING PROPERLY PLEASE INVESTIGATE AND REPAIR OR REPLACE AS NECESSARY LOCATED ON ECIV ROOM IN	ADJUSTED LIMIT SWITCHES FOR PROPER INDICATION
W178241	80-01	CTN SPRAY PUMP 111 SUCTION IV 80-01	BKR TRIPPED WHEN VALVE GIVEN A CLOSE SIGNAL PLEASE TROUBLESHOOT	IN THE COURSE OF TROUBLESHOOTING FOUND BUCKET TO BE SLIGHTLY LOOSE IN CUBICLE TIGHTENED BUCKET AND CHECKED ALL CONNECTIONS FOR TIGHTNESS VALVE STROKES PROPERLY IN BOTH DIRECTIONS
W178291	80-23	CONTAINMENT SPRAY PUMP 122	CLOSE FUSE BLOCK ON CONTAINMENT SPRAY PUMP. MOTOR BREAKER 122 WILL NOT INSERT INTO HOLDER PLEASE INVESTIGATE AND REPAIR	ADJUSTED FUSE HOLDER STABS TO ALIGN WITH FUSE BLOCK CLIPS CHECKED WIPE W/D50H47 GREASE
W181514	80-23	CONT SPRAY PUMP BREAKER 122	FUSE COVER FIT IS LOOSE IN FUSE HOLDER TRIP FUSE BLOCK REWORK OR REPLACE FUSE HOLDER	ADJUST FUSE HOLDER PRONGS OF TRIP FUSE HOLDER
W178566	83.1-09	DRYWELL EQUIPMENT DRAIN TANK VALVE	WIRES ON LIMIT SWITCH AND TORUS SWITCH ARE DAMAGED REPLACE/REPAIR ALSO POWER CABLES SHOULD BE CHECKED FURTHER FOR DAMAGE	RELUGGED EXISTING WIRE NO COMPONENTS REMOVED
W013882	093-04	CONT. SPR R.W.P. 121(BKR)	CONT SPRAY RAW WATER PUMP BREAKER -BOX BARRIER VENT SCREEN MISSING CENTER PHASE BOTTOM.	PUT NEW SCREENS IN OLD FRAME REPLACED BOX BARRIER HUFFLER
W168341	93-73	CONT SPRAY RW 121 TO CONT SPRAY 111 INTERTIVE VALVE	1" FLEX IS DAMAGED AND SHOULD BE REPLACED WEST END OF HEAT EXCHANGERS FLEX IS NSR WIRING IS SR RB ELEV 318	TAPED CRACKED INSULATION WITH T35 AND SCOTCH 88 PER N1-EMP-GEN-100

04-05-90

Electrical Maintenance - COMPLETED SAFETY RELATED WRs FOR MARCH

WR Number	EPN Number	TITLE	Description	Corrective Action
W165514	CONT-H	PANEL H	PROLEM REPORT 801 SEE ATTACHED SHEETS	WORK PERFORMED AS LISTED ON S-MI-5.3-001
W178565	MG-MG 162	MG SET 162	BRUSHES NEED TO BE REPLACE WORN PAST ACCEPTABLE ATANDARDS	REPLACED BRUSHES
W171896	MG-MG 172	CONTROL CABINET OF MG 172	SPLICE AND/OR RELOCATE NEUTRAL AND GROUND WIRING IN THE CONTROL CABINET OF MG 172 PER THE DISPOSTION OF NCR 1-89-0562 REPLACE TERM BLOCKS 2 TB WITH A NEW 4 POINT TERM BLOCK PER 1-89-0562	SEE DCR N190001LG099
W181539	SB-11	11 BATTERY CELL 27	CELL 27 ON BATTERY 11 APPEARS SULFATED AND VOLTAGE IS LOW PERFORM SINGLE CELL CHARGE	PLACED CELL 27 ON SINGLE CELL CHARGE PER N1-EMP-SB262
W181561	VDC125-CELL 13	BATTERY 11 CELL 13	REPLACE CELL 13 WITH SPACE CELL IN STOREROOM CELL VOLTAGE LOW	REPLACED CELL 13 WITH NEW ONE FROM STORES PUT BATTERY 11 BACK ON TEMP CHARGER

