

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8906230096 DOC. DATE: ~~89/05/31~~ NOTARIZED: NO DOCKET #
 FACIL: 50-410 Nine Mile Point Nuclear Station, Unit 2, Niagara Moha 05000410
 AUTH. NAME AUTHOR AFFILIATION
 TOMLINSON, E.S. Niagara Mohawk Power Corp.
 WILLIS, J.L. Niagara Mohawk Power Corp.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1989 for Nine Mile Point Unit
 1. W/890614 Ptr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 17
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD1-1 LA	4 4	PD1-1 PD	1 1
	SLOSSON, M	1 1	BENEDICT, R	1 1
INTERNAL:	ACRS	10 10	AEOD/DOA	1 1
	AEOD/DSP/TPAB	1 1	IRM TECH ADV	2 2
	NRR/DLPQ/PEB 10	1 1	NRR/DOEA/EAB 11	1 1
	NRR/DREP/RPB 10	1 1	NUDOCS-ABSTRACT	1 1
	<u>REG FILE</u> 01	1 1	RGN1	1 1
EXTERNAL:	EG&G SIMPSON, F	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 31 ENCL 31

R
I
D
S
/
A
D
S

R
I
D
S
/
A
D
S

mg

THE UNIVERSITY OF CHICAGO

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

June 14, 1989

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

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

Dear Sir:

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

Also included is a narrative report of Operation Experience for May 1989.

Very truly yours,

Richard B. Abbott for

James L. Willis
General Superintendent

JLW/psc
Attachments

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

8906230096 890531
PDR ADOCK 05000410
R PDC

JE24
11

OPERATING DATA REPORT

DOCKET NO. 50-410
DATE 6/09/89
COMPLETED BY E.S. Tomlinson
TELEPHONE 315/349-2761

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit 2
2. Reporting Period: 5/01/89 thru 5/31/89
3. Licensed Thermal Power (MWt): 3323
4. Nameplate Rating (Gross MWe): 1214
5. Design Electrical Rating (Net MWe): 1091
6. Maximum Dependable Capacity (Gross MWe): 1146
7. Maximum Dependable Capacity (Net MWe): 1084
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 and 7 recalculated monthly (when operating), based upon average circulating water inlet temperature for report period.
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

Notes

Item 21 YTD based on avg.
MDC YTD (1078)

Item 21 Cumm under reevaluation. Not presently available.

	This Month.	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3623</u>	<u>10128</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>1300.1</u>	<u>4282.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>1169.5</u>	<u>3972.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2428942.5</u>	<u>3526227.3</u>	<u>11845514.9</u>
17. Gross Electrical Energy Generated (MWH)	<u>825000</u>	<u>1172000</u>	<u>3905300</u>
18. Net Electrical Energy Generated (MWH)	<u>778990</u>	<u>1052480</u>	<u>3554320</u>
19. Unit Service Factor	<u>100</u>	<u>32.28</u>	<u>39.23</u>
20. Unit Availability Factor	<u>100</u>	<u>32.28</u>	<u>39.23</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.59</u>	<u>26.95</u>	<u>See Notes</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.97</u>	<u>26.63</u>	<u>32.17</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>49.68</u>	<u>32.51</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Next scheduled outage is for 14 days starting September 9 to include surveillance testing and maintenance

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------------|
| INITIAL CRITICALITY | _____ | <u>5/23/87</u> |
| INITIAL ELECTRICITY | _____ | <u>8/08/87</u> |
| COMMERCIAL OPERATION | _____ | <u>4/05/88</u> |



FIGURE 1

NINE MILE POINT NUCLEAR STATION UNIT 2

DOCUMENT TRANSMITTAL AND VERIFICATION MONTHLY REPORT FOR
MAY 1989

ASSIGNED	BY J.L. Willis	TO P.S. Charles	DATE 6/09/89
DUE	DATE 6/15/89		LOGGED DATE
SUBJECT	OPERATING STATISTICS & SHUTDOWN OPERATING EXPERIENCE FOR MAY 1989 FOR NINE MILE POINT UNIT 2		

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

PREPARED BY	E. Tomlinson	DATE 6/13/89
REVIEWED BY	J. Kinsley	DATE 6/13/89
	R. Watson	DATE 6/14/89
	R. Gayne	DATE 6/13/89
	D. Stevenson	DATE 6/13/89
	S. Doty	DATE 6-13-89
	R. Smith	DATE 6/13/89
	J. Snyder	DATE 6/13/89
		DATE
		DATE

VERIFIED BY	R.B. Abbott	DATE 6/15/89
		DATE
		DATE
		DATE

COMMENTS	

RECEIVED FOR TRANSMITTAL	DATE
-----------------------------	------

SENT TO ADDRESSEE	BY <i>Physicist P. Charles</i>	DATE 6/15/89
-------------------	--------------------------------	--------------

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

**APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-410

UNIT NMP2

DATE 6/09/89

COMPLETED BY E.S. Tomlinson *ETS*

TELEPHONE (315)349-2761

MONTH May 1989

**DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)**

1	<u>1080</u>
2	<u>1071</u>
3	<u>1067</u>
4	<u>1067</u>
5	<u>1067</u>
6	<u>1039</u>
7	<u>1071</u>
8	<u>1054</u>
9	<u>1066</u>
10	<u>1062</u>
11	<u>1062</u>
12	<u>1063</u>
13	<u>1048</u>
14	<u>1058</u>
15	<u>1055</u>
16	<u>1067</u>

**DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)**

17	<u>1068</u>
18	<u>1055</u>
19	<u>1066</u>
20	<u>1072</u>
21	<u>1001</u>
22	<u>1063</u>
23	<u>1063</u>
24	<u>1075</u>
25	<u>1051</u>
26	<u>1058</u>
27	<u>1034</u>
28	<u>780</u>
29	<u>1014</u>
30	<u>1033</u>
31	<u>1030</u>

INSTRUCTIONS

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

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1989

DOCKET NO. 50-4 10
 UNIT NAME NMP2
 DATE 6/09/89
 COMPLETED BY E.S. Tomlinson
 TELEPHONE 315/349-2761

yes for

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
89-06	5/28/89	S	0	F	4	NA	NA	NA	Reduced reactor power to approximately 67% to shift operating feedwater pumps from "C" to "A" and perform a control rod sequence exchange.

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 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 operated with a capacity factor of 96.59% (MDC - net) and an availability factor of 100% during the month of May. There were no challenges to safety relief valves during this reporting period.

06:54:56 06-07-89

CLASS I WORK - CONSTRUCTION MAY 89

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
C146275	RHS-2RHS*V98	2RHS*V98 REPLACE VALVE PACKING AS REQUIRED DUE TO PACKING GLAND LEAKAGE	REMOVED AND REPLACED PACKING IN VLV 2RHS-V98 PER WR AND VENDOR MANUAL - ICMS- MISSING INSULATION WAS REINSTALLED
C147125	MHR-3	POLAR CRANE ONE BOLT IS BROKEN ON THE RAIL REPLACE THE BROKEN BOLT SEE MAINT FOR LOCATION SEVEN EIGHTS INCH BOLT BOLT FOUND ON WR 147151	REMOVED OLD BROKEN BOLT AND REPLACED WITH NEW BOLT PER WR AND TRAVELER
C158032	SWP-2SWP*STR 4E	SVCE WTR STRNR 4E 2SWP-STR4E MOTOR LEAD T3 AND CABLE 2SWPEGK004 MOTOR CONNECTION LEADS HAVE DAMAGED INSULATION NEAR THE LUGS CUT BACK LEADS AND RELUG IN ADDITION THE CABLES BLACK LEAD IS CUT THROUGH TO THE WIRE AT APPROX 12 INCHES FROM THE LUG RAYCHEM THE EFFECTED AREA PR GEN NO 0868 AND BREECH - RESEAL CONDUIT 2CK2026F	THE CONDUIT WAS RESEALED WITH 4 INCHES OF SILICONE FOAM THE LOT NOS WERE ET018496-A AND ET127627-B ELECTRICAL DEPART COMPLETED SUPPORT WORK

3 records listed.



11

1

2

3

4

06:55:26 06-07-89

CLASS I WORK - ELECTRICAL MAINTENANCE

MAY 89

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W110162	SWP-2SWP*MOV 188	SWP FOR SFCHX GATE VALVE OUT OF SPEC ADJUST TORQUE SWITCH IN ACCORDANCE WITH E AND DCR C04205A REF NCR 2-86-0094	SET TORQUE SWITCH TO 1 3/4 OPEN AND 1 3/4 CLOSE COULD NOT SET AT 2 BECAUSE OF LIMITER PLATE. EDC 2M00127 LOWERS RECOMMENDED TORQUE SWITCH SETTING TO 1 3/4.
W122160	VBA-2VBA*UPS 28	WHILE WORKING WR 118588 A FUSE WAS BLOWN (SUSPECT F81) THE BYPASS REGULATORS SECTION. TROUBLESHOOT AND REPLACE AS NECESSARY.	REPLACED FUSE F81.
W127859	ENS-2ENS*SWG 101-9	INSULATION PLATE ON TWO OF THE INTERRUPTER ASSEMBLIES ARE CRACKED THESE WERE ORIGINALLY ON BREAKER 101-8 UNDER WR NO 119684 SPARE BREAKER SN NO 269A4395-014 (REPLACE INSULATION PLATES)	2ENS*SWG101-9 SPARE BREAKER SN 269A4395-014. REPLACED INSULATORS ON ARC CHUTES.
W127893	ZZZ-NOCOMPID	RELIANCE 550 VOLT 1800RMP MPL 95-49-676MRR 642973 MOTOR MOTOR WINDINGS RESISTANCE PHASE TO PHASE IS UNBALANCED A TO B 102.5R B TO C AND C TO A 131R AFTER CLEANING LEADS 103R AND 120R AND 120R RESPECTFULLY SEE ATTACHED QUARTERLY PM LOCATION WAREHOUSE 5.518	RESISTANCE CHECK SHOWS OPEN WINDING-THIS WR IS NOW CLOSED
W134512	EGF-2EGF*P1A	2EGF*P1A GROUND WIRE FROM MOTOR 2EGF*P1A TO JUNCTION BOX IS DISCONNECTED AT JUNCTION BOX	REINSTALLED 10X32 INCH SCREW AND TIGHTENED GROUND WIRE.
W134893	CEC-2CEC*PNL 873	ABNORMAL CHAR - ANNUNCIATOR IN ALARM STATUS (2SWP-MOV21A NOT FULLY CLOSED) VALVE IS FULL CLOSE LOCALLY AND GREEN POSITION INDICATION LIGHT ON P873 TROUBLESHOOT	OPTICAL ISOLATOR PROBLEM FOUND-TURNED OVER TO I&C WORK TO BE PERFORMED PER WR 157759
W136485	SWP-2SWP*MOV 15A	WHILE PERFORMING N2-EMP-GEN-510 IT WAS FOUND THAT THE TORQUE SWITCH DID NOT HAVE A LIMITOR PLATE PLEASE PROCURE AND INSTALL ONE SMB-000 SERIAL NO. 312695	INSTALLED LIMITER PLATE IN TORQUE SWITCH.



06:55:26 06-07-89

CLASS I WORK - ELECTRICAL MAINTENANCE

MAY 89

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
W139084	HVY-2HVY*UC2 B	DEMAND FAULT BREAKER KEEPS TRIPPING WHEN TAKEN OUT OF PULL TO LOCK INVESTIGATE AND REPAIR	REPLACED MOTOR IN FAN HOUSING
W145672	HVK-2HVK*CHL 1B	POWER ON IND (ON LOCAL PANEL IN CHILLER RM) BULB BLOWS EACH TIME A NEW ONE IS INSTALLED-IMMEDIATELY ON INSTALLATION TROUBLESHOOT FOR CAUSE AND REPAIR AS REQUIRED	POSSIBLE WRONG BULB WAS USED. WITH CORRECT BULB NO PROBLEM DETECTED
W145899	VBA-2VBA*UPS 2A	IN CONJUNCTION WITH MOD 87-037 CHANGE FUSE F-81 (ELCAR PART NO 858-A50-P2)	REPLACED F-81 MAINTENANCE SUPPLY FUSE.
W148147	HVY-2HVY*UC2 A	2HVY*UC2A KEEPS TRIPPING OUT ON MOTOR OVERLOAD INVESTIGATE AND REPAIR AS NECESSARY POWER SUPPLY IS 2EHS*MCC101 BKR 4CL	REPLACED MOTOR, TEST RUN OK
W148263	SWP-2SWP*RE1 46B	SWP-RE146B PUMP 2SWP-RE146B SWP 146B BREAKER ON SKID TRIPS AND WILL NOT RESET MOTOR DEFECTIVE REPLACE SKID MOTOR	MECHANICAL INSTALLED NEW PUMP UNIT WE DETERMED RETERMED AND CHECKED FOR ROTATION.
W149292	CES-2*JB0767	FLEX CONDUIT FROM 2*JB0767 PULLED APART AND GROUND WIRE SEPARATED (PRIMARY CONTAINMENT ELEV 250 BY 2RCS*P1B)	MADE REPAIRS TO FLEX CONDUIT, CONNECTOR AND GROUND WIRE REPAIRS WERE MADE WITHOUT DETERMINATION OF ANY WIRES.
W156718	HVP-2HVP*FN2 B	2HVP-F2B INITIALLY TRIPPED ON OVERLOAD-RESET THE BAR AND IT DID START ON 2ND TRY POSSIBLE DAMPER FAILED TO OPEN SOON ENOUGH	ADJUSTED BREAKER TO PR 2626, REPLACED BREAKER.
W157682	SWP-2SWP*M2A	DIVISION II CONTROL BUILDING CHILLER CONDENSING WATER PUMP MOTOR GROUNDING STRAP FROM 2SWP*M2A (MOTOR FOR 2SWP*P2A) IS VERY CORRODED CLEAN AND OR REPLACE AS NECESSARY	WIRE BRUSH CLEAN OF BARE COPPER GROUND WIRE
W158039	ENS-2D-2ENSY 04	CONTACTS FAIL TO CLOSE WHEN RELAY IS ENERGIZED REPLACE RELAY	REPLACED RELAY 2D-2ENSY04 IN 2ENS*SWG103 CUBICLE 103-3. REPLACEMENT RELAY CAL. PER S-EPM-GEN-2Y070.
W158047	HVP-2HVP*MOD 1B	RETURN SPRING DOES NOT MEET MINIMUM REQUIREMENTS OF 12 3/4 IN. PER N2-EPM-HVP A 779 STEP 7.5.4.19 REPLACE PARTS AS NECESSARY	INSTALLED NEW SPRING AND ADAPTER PLATE



11

06:55:26 06-07-89

CLASS I WORK - ELECTRICAL MAINTENANCE

MAY 89

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
W159408	EGS-2*JB8073	JUNCTION BOX 2*JB8073-DIV II DIESEL - THE FLEX CONDUIT (2DC851Y11) IS DETACHED FROM THE BOX AND AT THE POINT WHERE THE FLEX PENETRATES THE FLOOR-DIV II DIESEL NORTHEAST SIDE OF DIESEL	REPAIRED SEALTIGHT AT CONNECTORS NO PARTS REQUIRED
W160609	ENS-2ENS*SWG 103-10	LIFT CIRCUIT FUSE 2ENS-SWG103 - BKR 10 BLOWN FUSES REPLACE FUSES FOR LIFT CIRCUIT 2ENS-SWG103 BK10 POWER SUPPLY FOR 2SFC-P1B	REPLACED FUSES ON ELEVATOR CIRCUIT ON UNIT 10, CHECKED CONTINUITY ON FUSES.
W161130	SWP-2SWP*P1D	ENS*SWG103 CUB 9 BREAKER FOR SWP*P1D HAS BLOWN ELEVATE FUSES (10AMP)	REPLACED DEFECTIVE 10 AMP FUSES WITH 2 NEW ONES OF IDENTICAL RATING.
W161343	RHS-2RHS*MOV 142	2RHS-MOV142 JUMPER WIRE FROM CONTACT 15 TO CONTACT 1 ON THE TS HAS A BROKEN TERMINAL LUG AT CONTACT 15	REPLACED TERMINAL LUG ON CONTACT 15 CONTINUITY TESTED OK
W161344	EHS-2EHS*MCC 201-5A	EHC MCC201 CUB 5A DAMAGED TERMINAL BLOCK WHILE PERFORMING N2-EPM-CSH-R583 DISCOVERED STRIPPED TERMINAL BLOCK ON MCC CUB REMOVE SPARE TERMINAL BLOCK ASSEMBLY FROM SPARE CUBICLE ON 2EHS-MCC201-2B AND INSTALL IN CUB 5A REPLACE BY WR 161345	REPLACED TERMINAL BLOCK ASSEMBLY REMOVED FROM CUB2B WILL REPLACE TERMINAL BLOCK OF CUB2B PER WR 161345
W161398	RHS-2RHS*MOV 27B	ADJUST LIMITS-OPEN LIMIT NEEDS ADJUSTING (VALVE GOING INTO BACK SET)	READJUST OPEN LIMITS SO VALVE DOES NOT BACKSET
W161453	RHS-2RHS*MOV 26A	VALVE IS BACKSEATING WHILE PERFORMING N2-EPM-GEN-R520 FOUND THAT VALVE IS BACKSEATING PLEASE ADJUST LIMIT SWITCH IN OPEN DIRECTION	ADJUST OPEN LIMIT ON MOV OPEN STROKE TIME 10.82 SEC. CLOSE TO OPEN 3.8 A INRUSH, .4A RUN, .4 A CUTOUT, CLOSED STROKE TIMES 10.25 SEC, OPEN TO CLOSE 2.4 A INRUSH, .4 RUN, 2.3 A SEATING.



11

06:55:26 06-07-89

CLASS I WORK - ELECTRICAL MAINTENANCE

MAY 89

PAGE: 4

WR Number	EPN Number	Failure desc	Corrective Action
W162020	HVR-2HVR*UC4 15A	START ON A HIGH RADIATION SIGNAL DURING RSP-RMS-R108	CHECKED LATEST DRAWINGS AND WITH ENGINEERING FOUND THAT UNIT COOLER IS NOT DESIGNED TO AUTO START DUE TO LOCATION BEING IN STANDBY GAS BLDG RAD PROT TO TCN THEIR PROCEDURE TO REFLECT SAME INFORMATION
W162037	ENS-2ENS*SWG 103	RELAY 2ENSY04-71XZ RELAY CONTACTS 2-12 FAIL TO FULLY CLOSE CAUSING ARCING CLEAN CONTACTS	BURNISH CONTACT 2/12 ON RELAY 2D-2ENSY04
W162095	SWP-2SWP*MOV 30A	VALVE WILL NOT SEAL IN AND GO CLOSED WHEN GIVEN A CLOSE SIGNAL IT ACTS LIKE A THROTTLE VALVE WHEN AN OPEN SIGNAL IS GIVEN THE SIGNAL WILL SEAL IN AND THE VALVE OPENS	LOOSE CONNECTION ON CLOSED SEAL IN CIRCUIT. TIGHTENED CONNECTION AT PT. 7, AND 42C

27 records listed.



06:57:06 06-07-89

CLASS I WORK - MECHANICAL MAINTENANCE

MAY 89

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W119570	SWP-2SWP*RV3 4B	RELIEF VALVES CALIBRATION DUE REMOVE RV 2SWP-RV34B NOTIFY I AND C WHEN VALVE IS REMOVED I AND C WILL CALIBRATE PER N2-IMP-GENE-036 AND DOCUMENT PER N2-ISI-RVT--001 RE-INSTALL VALVE	REPLACED CAP
W120444	SWP-2SWP*MOV 1E	STRAINER BACKWASH VLV - LEAKAGE THRU PACKING PREVIOUSLY ADDRESSED (WR 114054) REQUIRES TAKING UP ON PACKING TO CORRECT TO PREVENT POTENTIAL STEM DAMAGE - DO NOT OVERTIGHTEN -	REPLACED WORN PACKING WITH 5 NEW RINGS
W124105	SWP-2SWP*CAB 146A	LEAKAGE CONNECTION REPAIR LEAKS AT PURGE CONNECTION VALVE HCV03 ON 2SWP*CAB146A MAY REQUIRE NEW PIPE NIPPLES AND VALVE USE PIPE SEALER AT THREADED CONNECTIONS SEE E&DCR M00039	REMOVED PIPE NIPPLES, CLEANED AND APPLIED LOCTITE TO THE THREADS AND RE-INSTALLED
W124106	SWP-2SWP*CAB 146B	REPAIR LEAKS AT PURGE CONNECTION VALVE HEV05 ON 2SWP*CAB146B MAY REQUIRE NEW PIPE NIPPLES AND VALVE USE PIPE SEALER AT THREADED CONNECTIONS SEE E&DCR M00039	REMOVED PIPE NIPPLES, CLEANED AND APPLIED LOCTITE TO THE THREADS AND RE-INSTALLED
W130889	SWP-2SWP*P1E	THIS PUMP HAS EXCESSIVE PACKING LEAKAGE THE NUTS AND STUDS AT THE PACKING GLAND ARE RUSTED PLEASE REPACK AND OR TAKE UP ON PACKING	THE TAKE UP STUDS AND PACKING GLAND FOLLOWERS WERE CLEANED AND THREE RINGS OF PACKING WERE REPLACED NEW FOR OLD ON INBOARD AND OUTBOARD ENDS
W136416	RCS-2RCS*MOV 18B	2RCS-MOV18B WAS TROUBLESHOT ON WR 145998 DISASSEMBLE AND INSPECT INTERNALS OF VLV AND REPAIR AS NECESSARY	DISASSEMBLE-INSPECTED AND FOUND NOTHING WRONG AND REASSEMBLED-PACKING TIGHTENED TO 50 FT LBS
W136734	SWP-2SWP*P1B	BUBBLER GLASS REQUIRES ADJUSTER SCREW FOR BOTTOM OF GLASS	AFTER FIELD INSPECTION ON 4/21 FOUND NOTHING WRONG WITH BUBBLER GLASS



43

06:57:06 06-07-89

CLASS I WORK - MECHANICAL MAINTENANCE

MAY 89

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
W136854	SWP-2SWP*RUW 23B	VLV LEAKS VLV HCV05 ON SAMPLING SKID 2SWP-RUW23B HAS SLOW WTR LEAK LOCATED - SOUTH ELEC TUNNEL	NO LEAKING AT THIS TIME
W147160	SWP-2SWP*ADV 97A	RED GREASE PRESENT IN ACTUATOR CLEAN ACTUATOR AND REPLACE SEAL NEW GREASE TO BE MOLYKOTE 44 THIS WR SUPERSEDES CLOSE-OUT PHILOSOPHY ON WR 157319 SC EL 291	TOOK APART ACTUATOR DEGREASE AND REASSEMBLE ACTUATOR WITH NEW GREASE AND RUBBER GOODS
W157929	CSL-2CSL*V47	2CSL-V47 WITH VLV SHUT AND CAP IN PLACE LEAKS 1 DROP PER MIN PLEASE REPAIR	REMOVED CAP FROM DRAIN AND CLEANED THREADS. USED LOCTITE AND PUT CAP BACK ON DRAIN.
W157978	CEC-2CEC*PNL 601	CONTROL ROOM PANEL P601 PLEASE INSTALL PROCEDURE HOLDERS ON PANEL P601 PER INSTRUCTIONS IN EDC 2E00255 AND FDDR KG1-6311 TWO HOLDERS REQD	INSTALLED PROCEDURE HOLDER PER WR
W157979	CEC-2CEC*PNL 602	CONTROL ROOM PANEL P602 PLEASE INSTALL PROCEDURE HOLDER ON PANEL P602 PER INSTRUCTION IN EDC 2E00255 AND FDDR KG1-6311 ONE HOLDER REQD TO BE LOCATED ON CENTER PUNCH OUT PANEL	INSTALLED PROCEDURE HOLDER PER WR
W157980	CEC-2CEC*PNL 603	CONTROL ROOM PANEL P603 PLEASE INSTALL PROC HOLDERS ON PANEL P603 PER INSTRUCTION IN EDC 2E00255 AND FDDR KG1-6311 TWO HOLDERS REQD ONE ON EACH SIDE OF OPERATOR DESK AREA	INSTALLED PROCEDURE HOLDERS PER WR
W157981	CEC-2CEC*PNL 851	CONTROL ROOM PANEL P851 PLEASE INSTALL PROC HOLDERS ON PANEL P851 PER INSTRUCTIONS IN EDC 2E00255 AND FDDR KG1-6311 TWO HOLDERS REQD	INSTALLED PROCEDURE HOLDER PER WR

06:57:06 06-07-89

CLASS I WORK - MECHANICAL MAINTENANCE

MAY 89

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
W157982	CEC-2CEC*PNL 852	CONTROL ROOM PANEL P852 PLEASE INSTALL PROC HOLDERS ON PANEL P852 PER INSTRUCTIONS IN EDC 2E00255 AND FDDR K01-6311 TWO HOLDERS REQD	INSTALLED PROCEDURE HOLDER PER WR
W161445	SWP-2SWP*STR 4E	SWP P1E DISCHARGE STRAINER STRAINER COUPLING NOT COUPLED DUE TO PIN FALLING OUT OF COUPLING SOUTH SVCE WTR BAY EL SCREENWELL	REPLACED (2) SHEAR PINS

16 records listed.

06:57:32 06-07-89

CLASS I WORK - INSTRUMENT & CONTROL MAY 89

PAGE: 1

WR Number	EPN Number	Failure desc	Corrective Action
W135598	HVC-2HVC*CAB 18A	2HVC-CAB18A CONTROL RM VENT MON L-C VALUE DISPLAY VERY FIRST DIGIT OF VALUE WINDOW ONLY SHOWS A 9 WHEN TESTED TROUBLESHOOT .	TRIED NEW CONTROL CARD DID NOT CLEAR PROBLEM POSSIBLY DISPLAY BOARD REPLACED DISPLAY BOARD AND PROBLEM CLEARED
W139592	SWP-2SWP*FV4 7B	CHARGE 2SWP*FV47B AND 2SWP*FV54A ACCUMULATORS AND PERIODICALLY MONITOR THEM TO KEEP THEM IN A FULL CONDITION AS NECESSARY UNTIL REPAIRS CAN BE AFFECTED NEXT OUTAGE ON WR 137905 110680	CHARGED BOTH VLVS ON 880712 - CHARGED 4-1A - 890201 FOUND BAD MOTOR AND PUMP ASSEMBLY WROTE EMER WR REBUILT BY VENDOR
W146250	RHS-E12A-ZB- 1	INSTALL A ROSEMOUNT CALIBRATION UNIT - GE NO 262A 7144 P001 - INTO PANEL 2CEC-PNL618 POSITION E12A-Z-8-1 TO CLOSE OUT TEMP MOD NO 88-87 SPARE CAL UNIT AVAIL FROM PANEL 2CEC-PNL654 IN WHSE ENVIRONMENTAL RM	INSTALLED ROSEMOUNT CLIBRATION IN 2CEC*PNL618 POSITION E12A-ZB-1 AND CLOSED OUT TEMP MOD 88-87
W147775	MSS-2MSS*TS1 604B	WHILE DOING PROC N2-ISP-LDS-M006 COMPUTER POINT MSSMC102 DID NOT ALARM ON LIFTING LEADS STEP HOWEVER ALARMED ON TRIP WITH SIMULATOR APPEARS TO BE INTERMITTENT	N2-ISP-LDS-M006 ATT NO 2 HAS BEEN SUCCESSFULLY COMPLETED ON 890418 890207 AND 890115 WITH NO PROBLEM WITH MSS MC102 NOT ALARMING ON LIFTING OF LEADS-NO PROBLEM FOUND
W148216	CMS-2CMS*CAB 10A	PAPER IN MOVING FILTER WILL NOT STOP FEEDING (RX BLDG 289)	REPLACED MOVING FILTER CIRCUIT CARD
W159414	NMS-C51-K605	PANEL METER PEGS LOW WHEN METER SWITCH PLACED IN EXPAND X10 POSITION	CIRCUIT CHECKS PROPERLY- IAW N2-ISP-NMS-Q107
W159444	HVP-2HVP*FS8 A	FLOW SWITCH HAS BAD CARD- REPLACE	REPLACED 2HVP*FS8A CIRCUIT BOARD AS DIRECTED PER N2-ICP-GEN-Q001- CALIBRATED SAME PER N2-ICP-GEN@003 AND LCR NO. IL2HVP-015- SYSTEM LOOP CHECKED SAT
W160751	RHS-2RHS*FT6 3A	2RHS-FT63A TRANSMITTER IS DUE FOR CAL PLEASE CAL	CALIBRATED LOOP



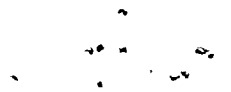
4

06:57:32 06-07-89

CLASS I WORK - INSTRUMENT & CONTROL MAY 89

PAGE: 2

WR Number	EPN Number	Failure desc	Corrective Action
W160810	MSS-2MSS*RE4 6A	MN STM RAD MONITORS 2MSS-RE46A-D PLACE A BOG SOURCE OF 0-10 MR-HR ON THE MN STM RAD MON 2MSS-RE46A-D TO BRING OFF OF A HARD DOWNSCALE READING TEMP MOD NO 89-043 AND 50.59	PLACED SOURCE ON BOTTOM OF -A- DETECTOR- REMOVED SOURCE FROM -A- DETECTOR ON 890409 AND CLEARED TEMP MOD 89-043- THERE ARE NO SOURCES ON ANY (A-D) OF THE DETECTORS AT THIS TIME
W160840	MSS-2MSS*RT4 6A	MN STM RAD MON-MSIV RAD MON A IS DRIFTING LOW - TROUBLESHOOT	RECALIBRATED WITH N2-ISP-MSS-R104 ATT 1
W160901	SXS-2SXS*MUX 03	GETARS INPUT MUX 03 (DIV 3 DIESEL) MUX03 PROVIDES GARBAGE TO GETARS DURING DIV III DIESEL SURV RUNS TROUBLESHOOT	REPLACED POWER SUPPLY IN SXS*MUX03 AS DIRECTED
W161128	ISC-2ISC*PS1 671E	ANNUNCIATOR 601536 ADS E SAFETY RELIEF VALVE LOGIC INITIATED IS IN ALARM BUT NONE OF THE ASSOCIATED TRIP UNITS INDICATE A TRIP	REPLACED SLAVE TRIP UNIT B22 N671E SER NO. 4427 WITH SLAVE TRIP UNIT SER NO. 10049
W161134	CEC-2CEC*PNL 851	ANNUNCIATOR 851540 (REAC FEED PUMP 1A-1B-1C LUBE OIL RSVR LVL LOW) ANNUN IS IN ALARM WITH ITS THREE COMPUTER POINT INPUTS BEING NORMAL AND ALL THREE RESERVIOR LVLS-6 INCHES BELOW TOP OF SUMP	REPLACED CRIMP LUG ON WIRE AT LS-8C ANNUN WORKS CORRECTLY TESTED FROM FIELD REPLACED RETRANS RELAY A8A4N14 PNL 858 TESTED COMP AND ANNUN BY LIFTING KNIFE SWITCH AT TB3-889 PNL 858 SAT
W161434	NMS-C51-K605	APRM CHANNEL F - WHILE PERFORMING N2-ISP-NMS-W0007 PROC STEP 8.4.3 NUMBER OF LPRM CARDS IN OP AND METER READING WERE OUT OF SPEC LOCATION 2CEC-PNL608 - CONTROL ROOM 306 APRM CH F	ADJUSTED R18 ON REC CARD APRM F
W161443	MSS-2MSS*RT4 6B	MSIV RAD MONITOR -B- READS OUT OF TOLERANCE - LOW TROUBLESHOOT	RECALIBRATED PER N2-ISP-MSS-R104 ATT 2
W161449	HVC-2HVC*RUZ 18D	THE NET COUNT RATE IS OUTSIDE THE 20 PERCENT RANGE IT READS 32 PERCENT LOW OF THE EXPECTED VALVE	ADJUSTED HIGH VOLTAGE TO 5.28 AND PERFORMED N2RSPRMSR109 APPROPRIATE PORTIONS



06:57:32 06-07-89

CLASS I WORK - INSTRUMENT & CONTROL MAY 89

PAGE: 3

WR Number	EPN Number	Failure desc	Corrective Action
W161500	SLS-2SLS*LT1 03	STANDBY LIQUID TANK LVL INDICATOR TANK LVL ANNUNCIATOR 601-712 ENERGIZED TANK LVL HI-LO TANK LVL 4850 INDICATED P601 MEASURED 4800 GALLONS	INCREASED FLOW OF BUBBLER TO CLEAR END OF TUBE THEN RESET BUBBLER FLOW TO AS FOUND FLOW .6
W162002	CMS-2CMS*AE6 A	CMS DIV I H2/O2 ANALYZER 2CMS*PNL66A BYPASS FLOW ROTO METER GLASS BROKEN	INSTALLED NEW SAMPLE BYPASS FLOW ROTOMETER SYM NO 92-27-300 ISSUE NO 047366 QC INSPECTED EILEEN CLARK
W162004	ISC-2ISC*PIS 1667R	HI DRYWELL PRESSURE TRIP UNIT ON PANEL 625 TRIP UNITS LISTED TO THE RIGHT WITH ASSOC VOLTAGE AND METER READINGS MUST READ WITH .3 LBS OF EACH OTHER PER TS N667R APPEARS TO BE OUT SO METER DEVIATION IS AT THE MAX .3 LBS CHK CAL ON N667R B22-N667C 1.295V .45 LBS - B22-N667G 1.099V .20 LBS - B22-N667L 1.141V .25 LBS - B22-N667R 1.140V .15 LBS	RAN N2-ISP-CSH-R106 FOUND N667C AND N667R IN CAL BUT C WAS ON HIGH END R WAS ON LOW END BROUGHT R UP AND RAN N2-ISP-CSH-M006 FOR PMT
W162011	ADS-F41-2ADS A01	REMOVE FUSE TO SUPPORT WR 162039 FUSE TO BE REPLACED WITH NEW 10A FUSE WHEN AVAILABLE	REPLACED B22C-F41 10 AMP FUSE ISSUE NO 047813 ANNUN 601520 AND CMPT ADSBC22 CLEARED
W162038	WCS-2WCS*TS1 601D	WHILE PERFORMING N2-ISP-LDS-M004 (ATT 4) FOUND E31-N601D TO ALARM AT 143.4 DEG. F. BUT THE RANGE IS 143.5-149.5	ADJUSTED TRIP SETPOINT IAW N2-ISP-LDS-M004
W162039	RHS-F1B-2RHS B32	BLOWN FUSE PLEASE REPLACE	TOOK FUSE B22C-F41 AND PLACE IT IN E12A-F1B USING WR 162011
W162098	CMS-2CMS*TR7 0B	2CMS-TR70B 2CMS-TR70B ON PANEL 898 IN CONTROL ROOM IS READING HIGH OUT OF SPEC RECAL	CALIBRATED 2CMS-TR70B AND 2CMS-TT20B PER N2-ISP-CMS-R112 PERFORMED N2-ISP-CMS-M001 ATT 4 AS PMT

23 records listed.

