January 3, 1995

FOR: Cooper Restart Panel Members

FROM: T. Reis

SUBJECT: Restart Panel Agenda for January 5, 1995

The Cooper Restart Panel will meet at the Cooper Nuclear Station on January 5, 1995. Attached is an updated Restart Action Plan and current inspection status.

The proposed agenda is as follows:

- REVIEW/DISCUSS THE ELEMENTS OF THE ACTION PLAN, PARTS 1 & 2, AND PROVIDE DISPOSITION OR SCHEDULE FOR EACH. - T. Reis
- REVIEW/DISCUSS THE LICENSEE'S CURRENT STATUS - P. Harrell/All
- REVIEW INSPECTION STATUS AND SCHEDULE - P. Harrell
- DISCUSS ENFORCEMENT POSITION WITH RESPECT TO 50.9 ISSUES - P. Harrell/A. Beach

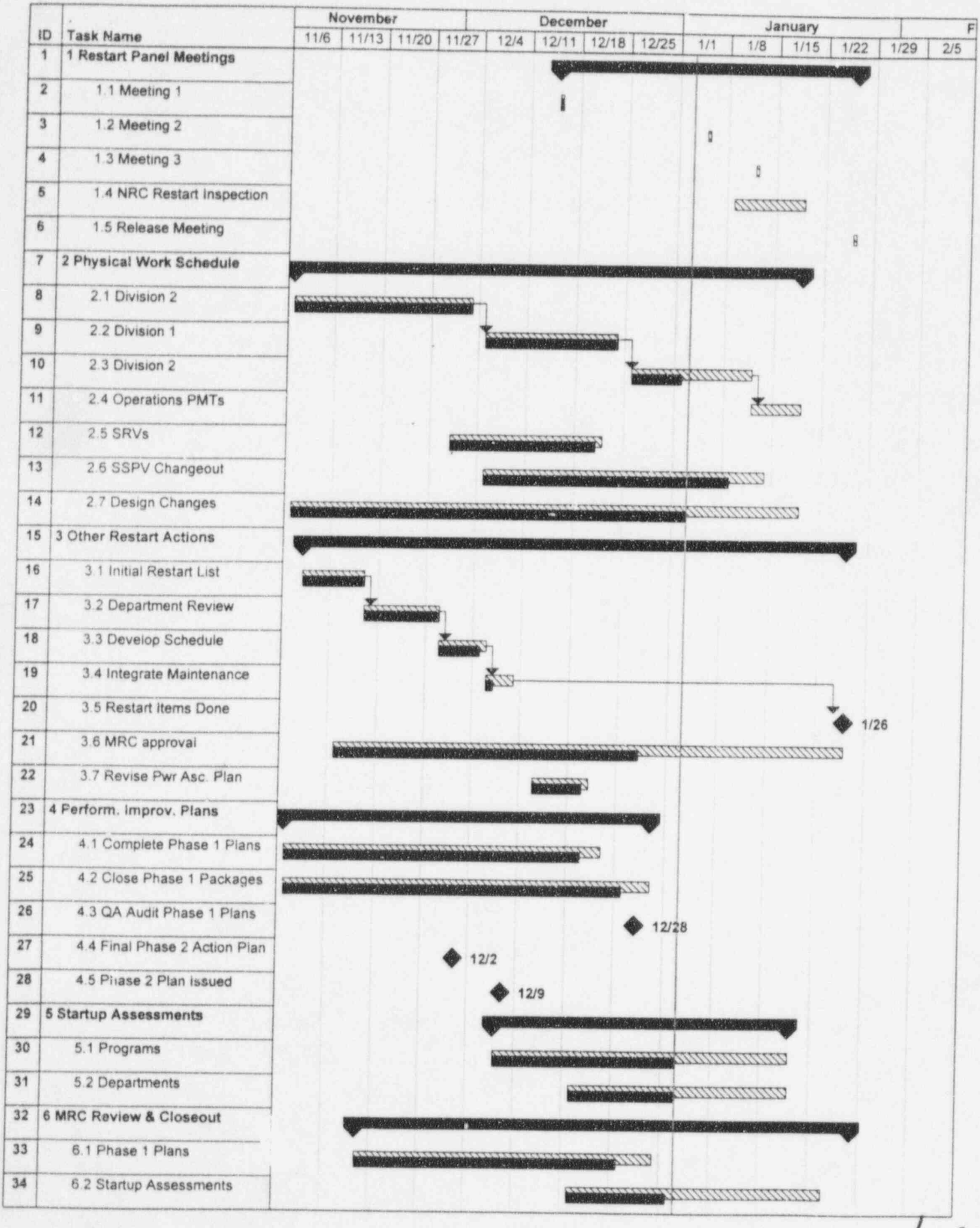
The panel meeting will be followed by a licensee public presentation at 1:00p.m.

cc:
A. Beach
A. Howell
P. Gwynn
S. Collins
B. Beckner
R. Hall
P. Harrell
E. Collins
D. Freeman
C. Hackney
J. Gilliland

A/48

COOPER STATION RESTART SCHEDULE

1/3/95

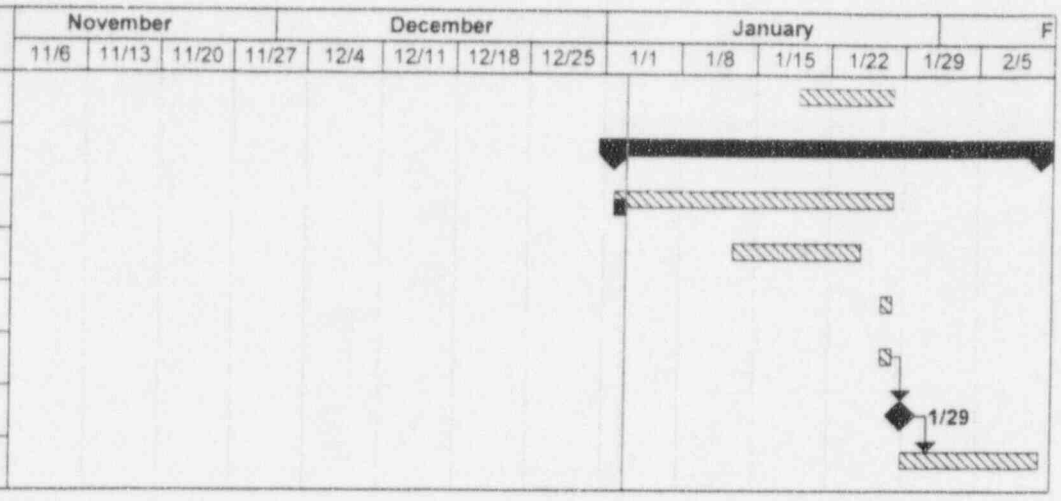


A/49

COOPER STATION RESTART SCHEDULE

1/3/95

ID	Task Name
35	6.3 MRC Release
36	**7 Startup & Power Ascension**
37	7.1 System Lineups/PMT
38	7.2 System Walkdowns
39	7.3 Quiet Period
40	7.4 Site Mgr./VP Release
41	7.5 Mode Switch to SU
42	7.6 SU/Pwr Ascension



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MEMORANDUM FOR: L. J. Callan, Regional Administrator

R. P. Zimmerman, Associate Director for Projects
Office of Nuclear Reactor Regulation

FROM: A. B. Beach, Director, Division of Reactor Projects
and CNS Restart Panel Chairman

J. W. Roe, Director, Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

SUBJECT: COOPER NUCLEAR STATION RESTART ACTION PLAN

On November 10, 1994, you agreed that NRC Inspection Manual Chapter (MC) 0350, "Staff Guidelines for Restart Approval," was applicable for the Cooper Nuclear Station (CNS). The Cooper Restart Panel has initiated the implementation of the MC and, as a result, has developed the attached Restart Action Plan and submits it for your review and approval. The Restart Action Plan status will be updated on an as-required basis. Revisions will be made by the Panel, as appropriate, without seeking additional formal approval from you.

The Restart Action Plan consists of three sections. The first section, "General," provides the purpose of the Plan and background information. The second section, "Case-Specific Checklist - Part I," includes the MC 0350 checklist of items to consider during the overall review process for coordination of the NRC authorization for restart of the CNS. The third section, "Case-Specific Checklist - Part II," includes the MC 0350 checklist for assessment of the issues that the Panel considers integral to the CNS shutdown and require NRC assessment prior to restart. This list was developed from Confirmatory Action Letters 4-94-06, -06A, and -06B and 4-94-08, the findings of the Safety Evaluation Team, the independent Diagnostic Self-Assessment NRC inspection findings, and licensee-identified problems.

A. B. Beach, Director, Division of Reactor Projects
and CNS Restart Panel Chairman

J. W. Roe, Director, Division of Reactor Projects III/IV

A/45

Approved:

L. J. Callan
Regional Administrator
Region IV

Date

R. P. Zimmerman
Associate Director for Projects
Office of Nuclear Reactor
Regulation

12/22/94
Date

Enclosure:
Cooper Nuclear Station Restart Action Plan

cc w/enclosure:

RIV

L. Callan
J. Montgomery
A. Beach
T. Gwynn
S. Collins
P. Harrell
A. Howell
T. Reis
J. Gilliland
C. Hackney
D. Freeman
E. Collins
R. Kopriva

OEDO

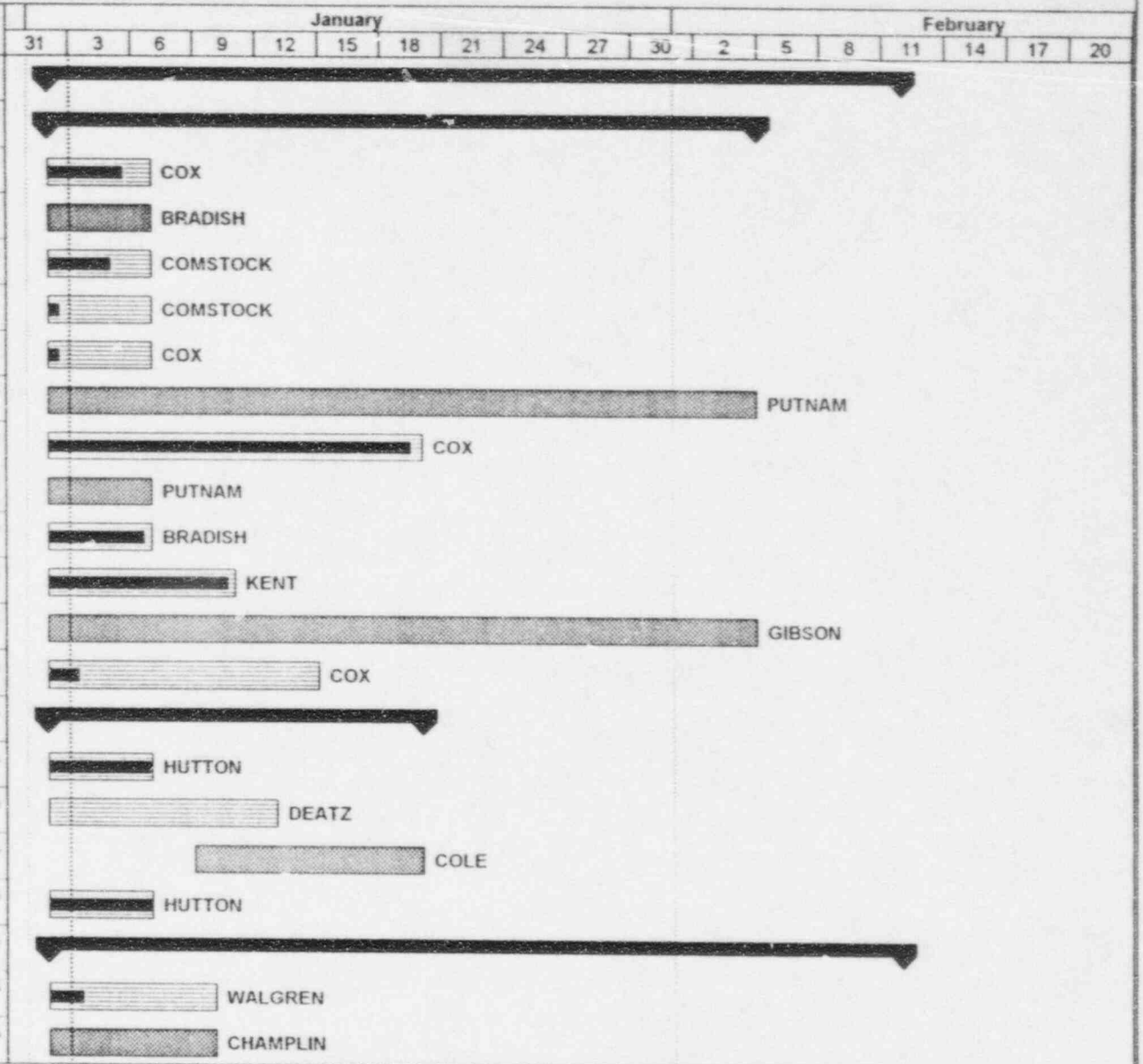
J. Mitchell

NRR

R. Zimmerman
J. Roe
W. Beckner
J. Hall

QA DIVISION SCHEDULE

ID	Task Name	Duration	% Complet	Start
1	**G. E. SMITH**	**36d**	**17%**	**Mon 1/2/95**
2	**C. H. PUTNAM**	**30d**	**27%**	**Mon 1/2/95**
3	PERFORMANCE I	5d	75%	Mon 1/2/95
4	THERMAL TRANSI	5d	0%	Mon 1/2/95
5	MANAGMENT OB	5d	60%	Mon 1/2/95
6	INDUSTRIAL SAF	5d	10%	Mon 1/2/95
7	LICENSING SUBM	5d	10%	Mon 1/2/95
8	FFD AUDIT	30d	0%	Mon 1/2/95
9	COMPUTER SYST	14d	95%	Mon 1/2/95
10	SECURITY COMMI	5d	0%	Mon 1/2/95
11	OPEN OERs	5d	95%	Mon 1/2/95
12	MAINT. AUIDT	7d	98%	Mon 1/2/95
13	EP AUDIT	30d	0%	Mon 1/2/95
14	APPENDIX J	12d	12%	Mon 1/2/95
15	**R. C. DEATZ**	**16d**	**33%**	**Mon 1/2/95**
16	LCO TRACKING	5d	100%	Mon 1/2/95
17	VENDOR MANUAL	10d	0%	Mon 1/2/95
18	SNUBBERS	10d	0%	Mon 1/9/95
19	PROC. HEIRARCH	5d	100%	Mon 1/2/95
20	**M. D. ALLEN**	**36d**	**3%**	**Mon 1/2/95**
21	SRAB CHARTER	7d	25%	Mon 1/2/95
22	DESIGN BASIS/SA	7d	0%	Mon 1/2/95



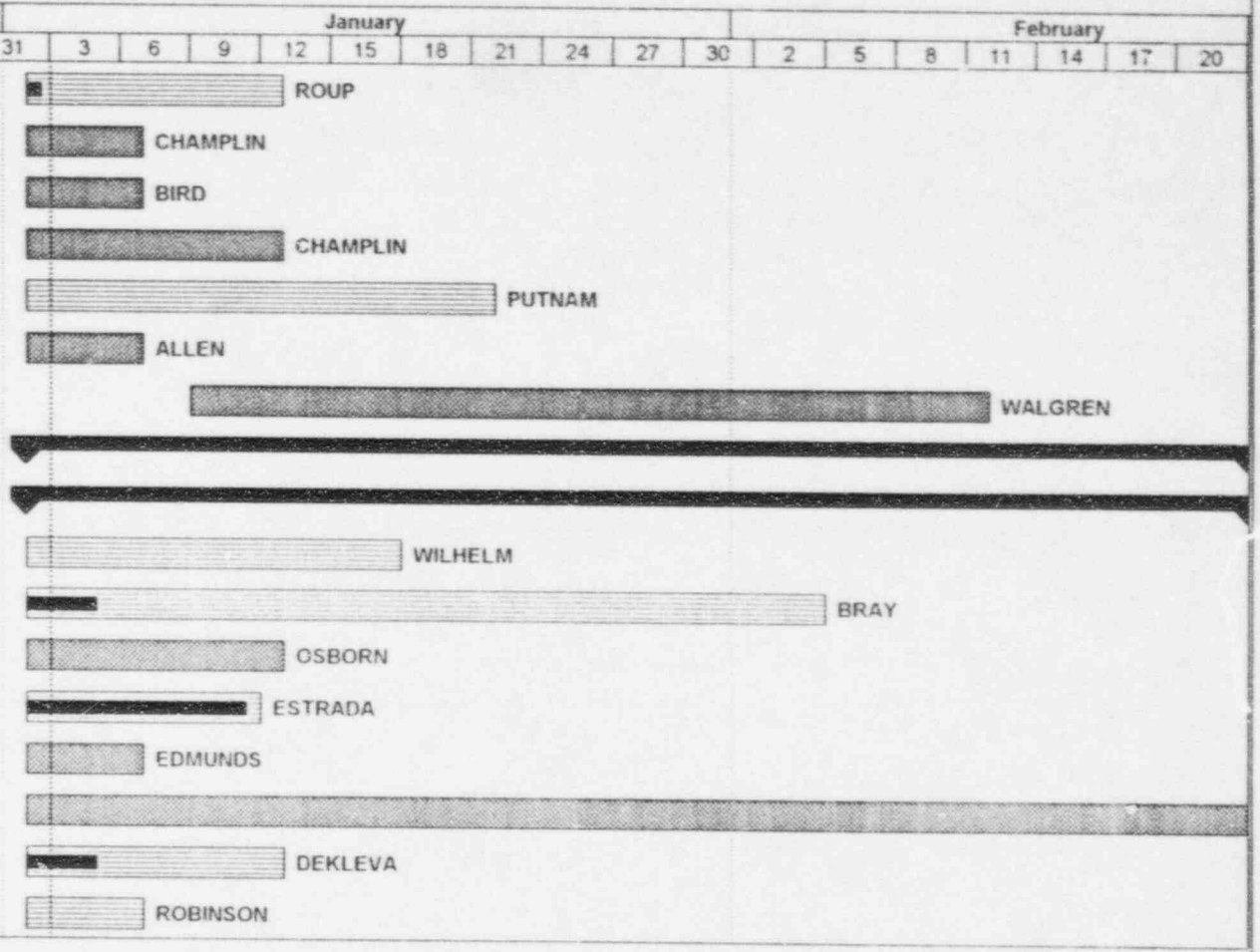
Project: QA DIVISION SCHEDULE
Date: Tue 1/3/95

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress

2/14

QA DIVISION SCHEDULE

ID	Task Name	Duration	% Complet	Start
23	QC PROGRAM	10d	9%	Mon 1/2/95
24	CALC. CONTROL	5d	0%	Mon 1/2/95
25	CYCLE EXTENSIO	5d	0%	Mon 1/2/95
26	PROC. CHANGE B	10d	0%	Mon 1/2/95
27	TRAINING AUDIT	18d	0%	Mon 1/2/95
28	FIRE PROTECTIO	5d	0%	Mon 1/2/95
29	SURV. AUDIT	30d	0%	Mon 1/9/95
30	D. R. ROBINSON	45d	10%	Mon 1/2/95
31	S. L. BRAY	45d	10%	Mon 1/2/95
32	WORK CONTROL	14d	0%	Mon 1/2/95
33	CULTURE EVALU	30d	10%	Mon 1/2/95
34	SURV LCOs	10d	0%	Mon 1/2/95
35	CAP AUDIT	8d	90%	Mon 1/2/95
36	ENG. BACKLOG	5d	0%	Mon 1/2/95
37	POWER ASCENTI	45d	0%	Mon 1/2/95
38	NON-E. POs	10d	30%	Mon 1/2/95
39	SORC	5d	0%	Mon 1/2/95



Project: QA DIVISION SCHEDULE
Date: Tue 1/3/95

Task
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Milestone
Rolled Up Progress

CNS RESTART PANEL

MEETING NOTES - JANUARY 5, 1995

ATTENDEES

#A. Beach, Panel Chairman and Director, Division of Reactor Projects (DRP)
#T. Gwynn, Director, Division of Reactor Safety (DRS)
A. Howell, Technical Assistant to the Regional Administrator
#W. Beckner, Panel Vice Chairman and Director, PDIV-1, Office of Nuclear Reactor Regulation (NRR)
#R. Hall, Project Manager, NRR
#P. Harrell, Chief, Project Branch C, DRP
#R. Kopriva, Senior Resident Inspector, DRP
#T. Reis, Project Engineer, Project Branch C, DRP
E. Collins, Team Leader, DRS

Panel Members

The panel met at the Cooper site prior to a public meeting with the licensee.

The Panel Chairman opened the meeting indicating that NRC's needs for information were not being met. The licensee packages that address the restart issues were due prior to year end and were just now being received.

DRS expressed concern that next week's scheduled restart readiness team inspection could not effectively be performed without the requisite preparation packages.

A discussion of the licensee's restart readiness process took place. A concern was expressed that the licensee may be subverting the process by allowing department managers to make restart calls in lieu of the issues being reviewed by the Management Review Committee. Specifically, there was concern that some Condition Reports were not reviewed by the Management Review Committee. This was to be addressed with the licensee.

The importance of the system readiness reviews was discussed. DRP has taken several looks at the process and its results and found the process to be generally sound, although there had been some disagreements on the disposition of particular issues.

Concern was expressed with a lack of QA intrusiveness into system readiness review documents. DRP was able to challenge several issues identified as a result of the licensee's core spray system readiness review. To date, licensee QA had not identified any issues that were misclassified by the system readiness reviews.

Based on the above, it was determined that DRS would further look at system readiness reviews in conjunction with its assessment of configuration control.

Discussions as to the schedule for the restart readiness inspection took place. It was decided that, should the licensee's schedule slip, then the

A/51

team inspection would be deferred. The restart list items would not be inspected piecemeal.

Discussions took place with respect to the current Office of Enforcement issues concerning the Demand for Information responses. The Regional Administrator had previously determined that the Region would not support continued pursuit of the careless disregard violation, but would support pursuit of both the Technical Specification and 50.9 violations. The Panel did not consider that any of the OE issues would impact restart decisions.

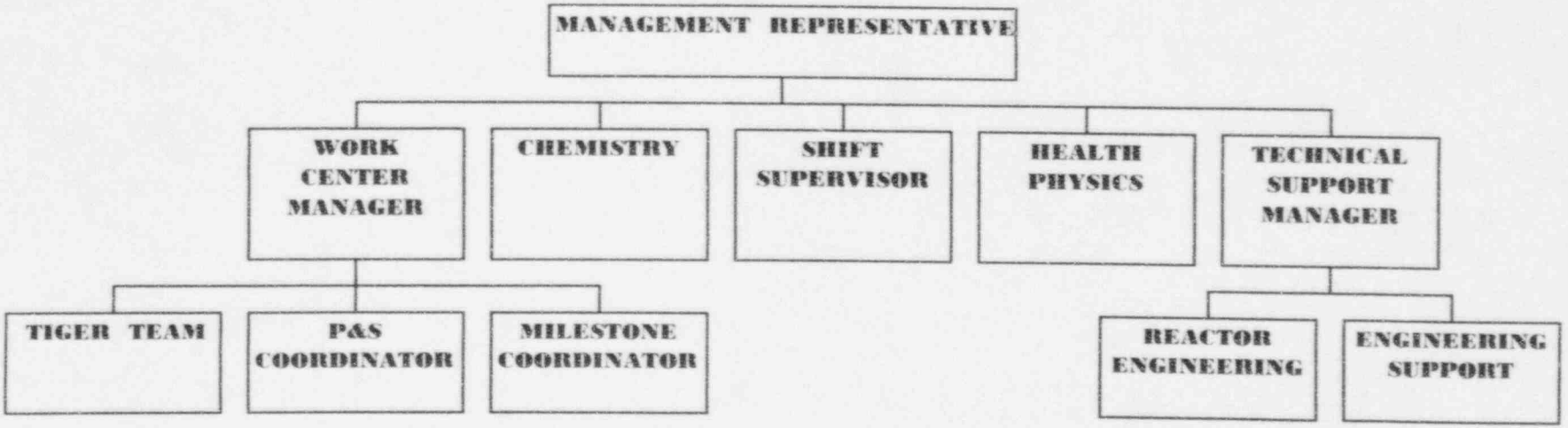
Discussions of the Restart Action Plan Case-Specific Checklists Parts I and II took place. Changes were noted and assignments were made as appropriate.

DRP will issue Revision 4 to the Action Plan to reflect changes discussed.

NRR led a discussion of licensing concerns that have the potential to impact startup. NRR has several issues that the licensee has not given the staff sufficient lead time to address. NRR believed that the licensee requested dates could be met, but that substantial unplanned staff work would be required. Specific issues included a TS change regarding LCO definition, an ISI relief request for turbine exhaust weld, disposition of Appendix R discrepancies, analysis of reactor vessel thermal transients, and surveillance interval extentions.

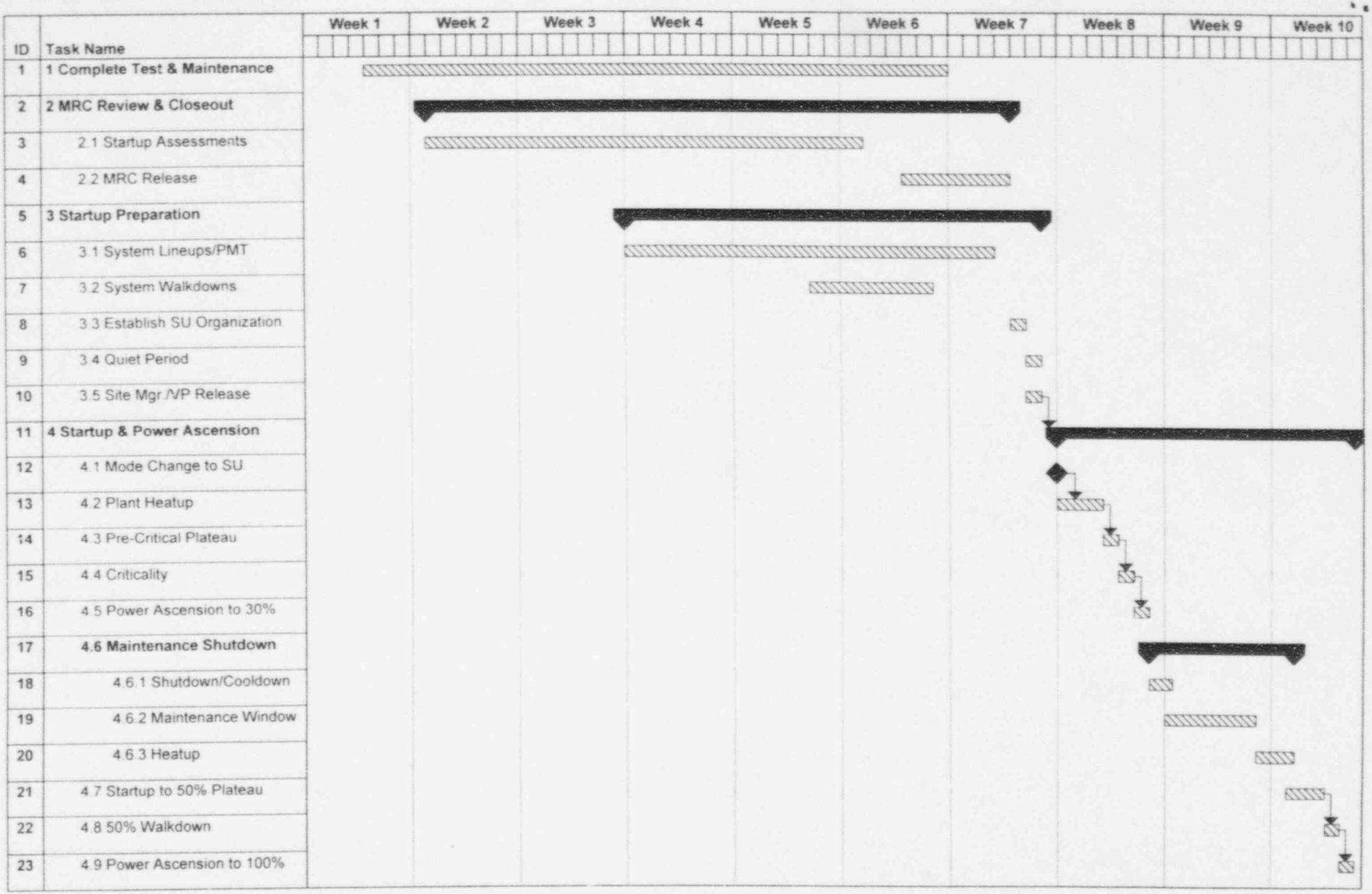
STARTUP & POWER ASCENSION ORGANIZATION

ATTACHMENT 1



A/53

COOPER STATION RESTART SCHEDULE



ID	Task Name
1	**1 Complete Test & Maintenance**
2	**2 MRC Review & Closeout**
3	2.1 Startup Assessments
4	2.2 MRC Release
5	**3 Startup Preparation**
6	3.1 System Lineups/PMT
7	3.2 System Walkdowns
8	3.3 Establish SU Organization
9	3.4 Quiet Period
10	3.5 Site Mgr./VP Release
11	**4 Startup & Power Ascension**
12	4.1 Mode Change to SU
13	4.2 Plant Heatup
14	4.3 Pre-Critical Plateau
15	4.4 Criticality
16	4.5 Power Ascension to 30%
17	**4.6 Maintenance Shutdown**
18	4.6.1 Shutdown/Cooldown
19	4.6.2 Maintenance Window
20	4.6.3 Heatup
21	4.7 Startup to 50% Plateau
22	4.8 50% Walkdown
23	4.9 Power Ascension to 100%

ATTACHMENT 2

1/18/95 Mueller & Management meetings

NAIT DUE AND OVERDUE
(EXCLUDING CAP)

1/17/95

Today

NAME	LER		IR		OTHER NRC*		OER**		OTHER***		TOTAL	
	OPEN	O'DUE	OPEN	O'DUE	OPEN	O'DUE	OPEN	O'DUE	OPEN	O'DUE	OPEN	O'DUE
GAUSMAN	17	0	24	2	36	2	109	4	45	9	231	17
GARDNER	10	1	27	2	14	1	47	3	40	19	138	26
DI RITO	5	0	4	1	21	1	19	0	1	0	50	2
RAD MGR	1	0	4	0	1	0	3	1	7	1	16	2
FOSTER	0	0	5	0	1	0	0	0	9	0	15	0
WOERTH	0	0	0	0	0	0	0	0	2	1	2	1
HERRON	0	0	0	0	1	0	0	0	0	0	1	0
GODLEY	8	0	0	0	47	1	5	0	5	1	65	2
GAINES	0	0	1	0	3	1	1	0	2	0	7	1
MOELLER	0	0	2	0	2	0	0	0	2	0	6	0
JONES	0	0	0	0	2	0	0	0	0	0	2	0
DUTTON	6	0	11	0	2	0	17	0	17	0	53	0
HITCH	0	0	1	0	3	0	1	0	13	0	18	0
HAMM	0	0	0	0	1	0	0	0	0	0	1	0
HOUSTON	0	0	8	0	4	0	3	0	1	0	16	0
MACE	0	0	1	0	1	0	0	0	1	0	3	0
MCCLURE	15	0	22	0	21	0	44	0	40	1	142	1
CONF MGT	3	0	5	2	7	3	0	0	2	0	17	5
PROJ MGMT	0	0	20	6	15	5	13	7	1	1	49	19
ENG SUPP	2	0	2	0	0	0	0	0	8	0	12	0
LANNING	0	0	0	0	0	0	4	0	0	0	4	0
DMNEC	0	0	3	1	0	0	1	0	0	0	4	1
SMITH	0	0	0	0	0	0	0	0	1	0	1	0
ROBINSON	0	0	0	0	0	0	1	0	1	0	2	0
SESSOMS	0	0	0	0	3	1	1	0	0	0	4	1
VIGIL	0	0	3	2	2	1	0	0	1	1	6	4
DOSTAL	0	0	0	0	0	0	1	0	0	0	1	0
BLATCHFORD	0	0	0	0	1	0	0	0	0	0	1	0
BOGUS	0	0	0	0	1	0	0	0	0	0	1	0
KUNCL	0	0	0	0	2	0	0	0	0	0	2	0
TROUBA	0	0	0	0	6	0	0	0	0	0	6	0
TOTAL	67	1	143	16	197	16	270	15	199	34	876	82

*OTHER NRC=GL, IB, AL, NRCMTG, NRCOI, TAC, JCO, JIO

**OER=AIB, CAL, GESA, IC, IN, INPOGP, INPOGD, OI, OMM, OMR, RICSIL, SEN, SER, SIL, SO, SOER, PT21, GOI

***OTHER=INPO, NUMARC, ANI, QA, SA, OC, SRAB, RSIR

MOVs

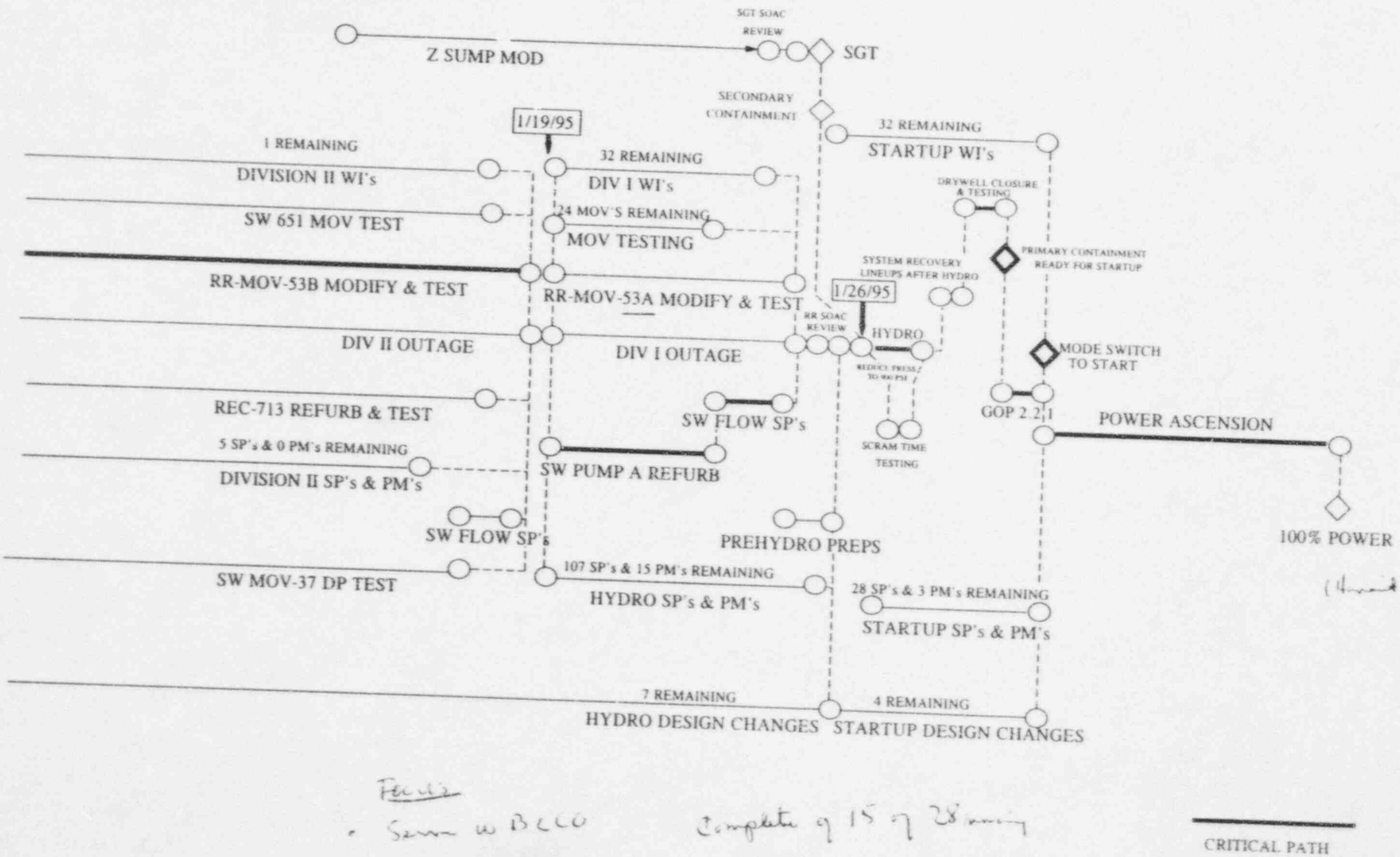
~~50~~ 35

A/54

NAIT DUE AND OVERDUE OPEN ITEMS
(EXCLUDING CAP)

MANAGER (DEPT)	INITIAL (11/94)		1/10/95		1/17/95	
	DUE	OVERDUE	DUE	OVERDUE	DUE	OVERDUE
GAUSMAN	246	107	230	21	231	17
GARDNER	153	78	135	25	138	26
DIRITO	65	8	52	15	50	2
RAD MGR	22	5	16	3	16	2
FOSTER	13	0	15	0	15	0
WOERTH	2	2	2	1	2	1
HERRON	9	5	1	0	1	0
GODLEY	89	40	77	24	65	2
GAINES	11	5	8	1	7	1
MOELLER	11	2	6	0	6	0
JONES	31	14	2	0	2	0
DUTTON	52	0	44	2	53	0
HITCH	20	0	17	0	18	0
HAMM	1	1	1	0	1	0
HOUSTON	21	15	17	10	16	0
MACE	4	2	4	0	3	0
MCCLURE	130	7	135	4	142	1
CONFIG MGMT	30	5	24	5	17	5
PROJ MGMT	49	6	47	19	49	19
ENG SUPP	1	0	12	0	12	0
LANNING	4	0	4	0	4	0
DMNEC	5	0	5	1	4	1
SMITH	3	1	1	1	1	0
ROBINSON	2	0	5	3	2	0
SESSOMS	9	2	4	1	4	1
VIGIL	5	1	5	4	6	4
DOSTAL	3	1	1	0	1	0
BLATCHFORD	1	0	1	0	1	0
BOGUS	1	0	1	0	1	0
KUNCL	2	0	2	0	2	0
TROUBA	6	0	6	1	6	0

CRITICAL PATH LEVEL I SCHEDULE



Focus

- Complete 9 15 of 28

53, SW path

to get sw pump

ISPR/TYPE	WEEKS 1	2	3	4	5
STARTUP & POWER ASCENSION					
4 1 0 MODE CHANGE TO S/U					
4 2 0 PLANT HEATUP					
4 3 0 PRE-CRITICAL PLATEAU					
4 4 0 CRITICALITY					
4 4 1 CONDENSER VACUUM BEING ESTABLISH					
4 4 2 20# VACUUM					
4 4 3 "B" CBP ON LINE					
4 4 4 REACTOR PRESS 300#					
4 4 5 OFF GAS ON LINE					
4 4 6 "B" REACTOR FEEDWATER PUMP ON LINE					
4 4 7 DRYWELL 500# INSPECTION & CLOSEOUT					
4 4 8 REACTOR PRESS 800 TO 1000#					
4 4 9 R CTOR 1000#					
4 4 10 M SWITCH TO RUN					
4 4 11 SYNC TURBINE GENERATOR					
4 4 12 TURBINE GENERATOR > 10% POWER					
4 4 13 TURBINE GENERATOR (OVER SPEED TEST)					
4 5 POWER ASCENSION TO 30%					
4 6 MAINTENANCE SHUTDOWN/CONTINGENCY PLAN					
4 7 POWER ASCENSION TO 50% (WALKDOWN)					
4 9 POWER ASCENSION TO 100%					

Plot Date 18JAN95 10:13
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

Summary Bar/Early Dates
Critical Designator
Progress Bar
Milestone/Flag Activity

STUP

Sheet 1 of 1

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-13 POWER ASCENSION

Date	Revision	Checked	Approved

A/56

1/18/95 Management Meeting

ACTIVITY ID	ORIG DUR	PCT	WEEKS 1 2 3 4 5
SECURE SHUTDOWN COOLING			
MS169	0	0	START ONE RR PUMP & SECURE SHUTDOWN COOLING
INITIATE GOP 2.1.1			
STUP96AE	4	0	GOP 2 1 1 1 STARTUP REVIEW AND APROVAL
MS159	0	0	INITIATE GOP 2 1 1 (SECT 8 1)
STUP96AF	0	0	COMPLETE G O P 2 1 1 2 TECH SPEC FOR PRE-STARTUP
STUP100	3	0	PLACE SECOND RR PUMP IN SERVICE
MODE SWITCH TO START			
MS160	0	0	INITIATE GOP 2 1 1 (SECT 8 2 & 8 3)
MS170	0	0	MODE SWITCH TO START & HOT STANDBY
REACTOR CRITICAL			
STUP105	0	0	REACTOR CRITICAL
CONDENSER VACUUM BEING ESTABLISH			
WI944314AA	2	0	MECHANICAL VACUUM PUMP A, MECHANICAL VACUUM PUMP
WI944426AA	2	0	MECHANICAL VACUUM PUMP A, MECHANICAL VACUUM PUMP
WI944528AA	2	0	MECHANICAL VACUUM PUMP A, MECHANICAL VACUUM PUMP
WI945836AA	2	0	CONDENSOR B-2 OUTLET PRIMING VALVE "TEST 941023
STUP110	3	0	CONDENSER VACUUM BEING ESTABLISHED
WI933192	2	0	MS-PI SEVERAL ANN OPERATION
20" VACUUM			
STUP115	2	0	20" VACUUM

Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:54

(c) Primavera Systems, Inc.

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

STUP

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Sheet 1 of 4

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT	WEEKS 1	2	3	4	5
20# VACUUM							
WI932936-1	2	0	AR-MOV-161MV				
WI934003	2	0	TG-TU-VAC LINE VERIFY VAC INDICATION				
WI934564	2	0	MC-CR-1 VERIFY PROPER OPERATION				
"B" CBP ON LINE							
STUP155	0	0	TURBINE GENERATOR S/U				
STUP117	1	0	CBP ON LINE				
STUP117A	3	0	REACTOR PRESS 150#				
WI944253AA	2	0	FDWTR COND CIRC AND SERVICE WTR BENCH BD-A SURG				
WI945919AA	2	0	GEN LOOP SEAL DRAIN "TEST 941202"				
SP63612	1	0	RCIC FLOW TEST AT 150 PSIG				
SP63312	2	0	HPCI FLOW TEST AT 150 PSIG				
WI941645AA	2	0	TURBINE BEARING LOW OIL PRESSURE ALARM "TEST 94				
REACTOR PRESS 300#							
SILP118	2	0	INCREASE REACTOR PRESSURE TO 300#				
STUP120	0	0	REACTOR PRESS 300#				
SP6321A	1	0	ADS MANUAL VL ACT FROM ASD-ADS PNL 6 3 2 1A				
SP6321	2	0	ADS MANUAL VALVE ACTUATION SP 6 3 2 1				
WI932936-2	2	0	AR-MOV-161MV (300#)				
WI942499	2	0	MS-FE-SEVERAL VERIFY LEAKAGE				

Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

(c) Primavera Systems, Inc

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

STUP

Sheet 2 of 4

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT	WEEKS 1	2	3	4	5
OFF GAS ON LINE							
STUP130	2	0		PLACE OFF GAS ON LINE			
WI941582-4	1	0		OG-V-12 SOAP TEST			
WI941582-1	2	0		OG-V-13 VERIFY OPERATION			
WI941582-2	2	0		OG-V-13 SOAP TEST			
WI941582-3	2	0		OG-V-12 VERIFY OPERATION			
WI944279AA	2	0		FDWTR COND CIRC & SW BENCH BD-A "TEST 940810"			
"B" REACTOR FEEDWATER PUMP ON LI							
STUP140	2	0		"B" REACTOR FEEDWATER PUMP IN SERVICE			
WI940705AA	2	0		RFP B HP STOP VALVE DRAIN "TEST 941226"			
WI943411AA	2	0		MIN FLOW FROM RFP B TO CONDENSER B "TEST 941101			
WI942468	2	0		RF-A0V-FCV11BB -ISLT			
WI943070	2	0		RF-S0V-TB1B VERIFY LEAKAGE			
SP64841	4	0		6 4 8 4 1 RFPT STOP VALVE TEST			
SP64842	4	0		6 4 8 4 2 RFPT BACKUP OIL PMP&FLTR COOLER D/P AL			
SP64843	4	0		6 4 8 4 3 RFPT THRUST BRG WEAR & FAILURE ALARM			
DRYWELL 500# INSPECTION							
MS175	2	0		PERFORM 500# DRYWELL INSPECTION			
MS180	2	0		HEALTH PHYSICS NOZZLE SURVEYS (DW)			
WI946796B	3	0		PC-PENT-X2 INSTALL DRYWELL STRONGBACKS			
MS220	4	0		SP 6 3 1 1 D/W PERSONNEL AIRLOCK DOORS 58# TEST			

Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0.00
Project Finish 11FEB95 13:59 A

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

STUP

Sheet 3 of 4

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT	WEEKS 1–5 (activity)
REACTOR PRESS 800 TO 1000#			
STUP145	2	0	REACTOR PRESS 800# TO 1000#
WI942500	2	0	MS-FE-122A&B VERIFY LEAKAGE
WI943060	2	0	MS-FE-122A&B - ISLT AND DP CHECK
MS230	0	0	COMMENCE INERTING THE DRYWELL
REACTOR PRESS 1000#			
STUP150	0	0	REACTOR PRESS 1000#
SP6331A	1	0	HPCI TEST MODE TEST FROM ASD-HPCI PANEL
WI941096AA	2	0	CYL HEATING STM SUPPLY GOVERNOR END "TEST 94061
WI941316AA	2	0	TRAP STA 3 DRIP LEG DRAIN "TEST 940603"
WI941581AA	2	0	TRAP STA 2 DRIP LEG DRAIN "TEST 940603"
WI941598AA	2	0	AOG STM SUPPLY DRAIN LINE TRAP 20 BYPASS "TEST
[illegible]	[illegible]	0	[illegible] CYLINDER DRAIN "TEST 940618"
[illegible]	2	0	RHR HX B STM SUPPLY TRAP 18 INLET "TEST 940603"
[illegible]	[illegible]	[illegible]	MC-V-28 BYPASS DRAIN VALVES "TEST 941106"
WI942131AA	2	0	GLAND SEAL SUPPLY TRAP "TEST [illegible]
[illegible]			[illegible]
[illegible]			[illegible]
[illegible]			[illegible]
[illegible]			[illegible]
[illegible]			[illegible] COIL UNIT INLET TEMP "TEST 940610"

Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

(c) Primavera Systems, Inc

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

STUP

Sheet 4 of 4

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT	WEEKS 1	2	3	4	5
REACTOR PRESS 1000#							
WI943060AA	2	0			BVP-1 HP STEAM LEAKOFF BPV-2 HP STEAM LEAKOFF "T		
WI944174AA	2	0			CONDENSATE BOOSTER PUMP C VENT "TEST 940830"		
WI944513AA	2	0			TURBINE EXHAUST HOOD B SPRAY "TEST 940817"		
WI944700AA	2	0			MOIST SEP C REHEAT STOP "TEST 940824"		
WI944844AA	2	0			RFP B MINIMUM FLOW LINE HIGH POINT VENT "TEST 9		
WI944919AA	2	0			RFP B CASING DRAIN "TEST 940918"		
SP622314A	4	0			ASD-HPCI TURBINE PANEL [23]		
WI942060	1	0			MC-CV-16CV VERIFY NO LEAK		
WI942700	1	0			PC-TE-500D VERIFY OPERATION		
WI944067	1	0			HPCI-P-BP VERIFY NO OIL LEAKAGE & PROPER LEVEL		
WI944498	1	0			HPCI-BLIND FLANGE MP 7 0 8 1		
WI944647	1	0			CRD-V-453 VERIFY NO EXTERNAL LEAKAGE		
SP631014	2	0			RX BUILDING SP 6 3 10 14		
WI933275	2	0			RF-AOV-FCV11BB -ISLT VERIFY OPERATION		
WI941096	2	0			MS-AOV-PCV62 STROKE FOR LEAKS		
WI941271	2	0			HPCI EE-STR-250HPCI(M014) SP 6 3 3 1 1		
WI942102	2	0			MS-V-27 MP 7 0 8 1 & SYS ENG VERIFY INSULATION		
WI942362	2	0			RF-CV-15CV - MP 7 0 8 1		
WI944255	2	0			RF-V-725 VERIFY NO LEAKAGE		
WI945273AA	2	0			TURBINE STM LINE TRAP "TEST 941120"		

Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

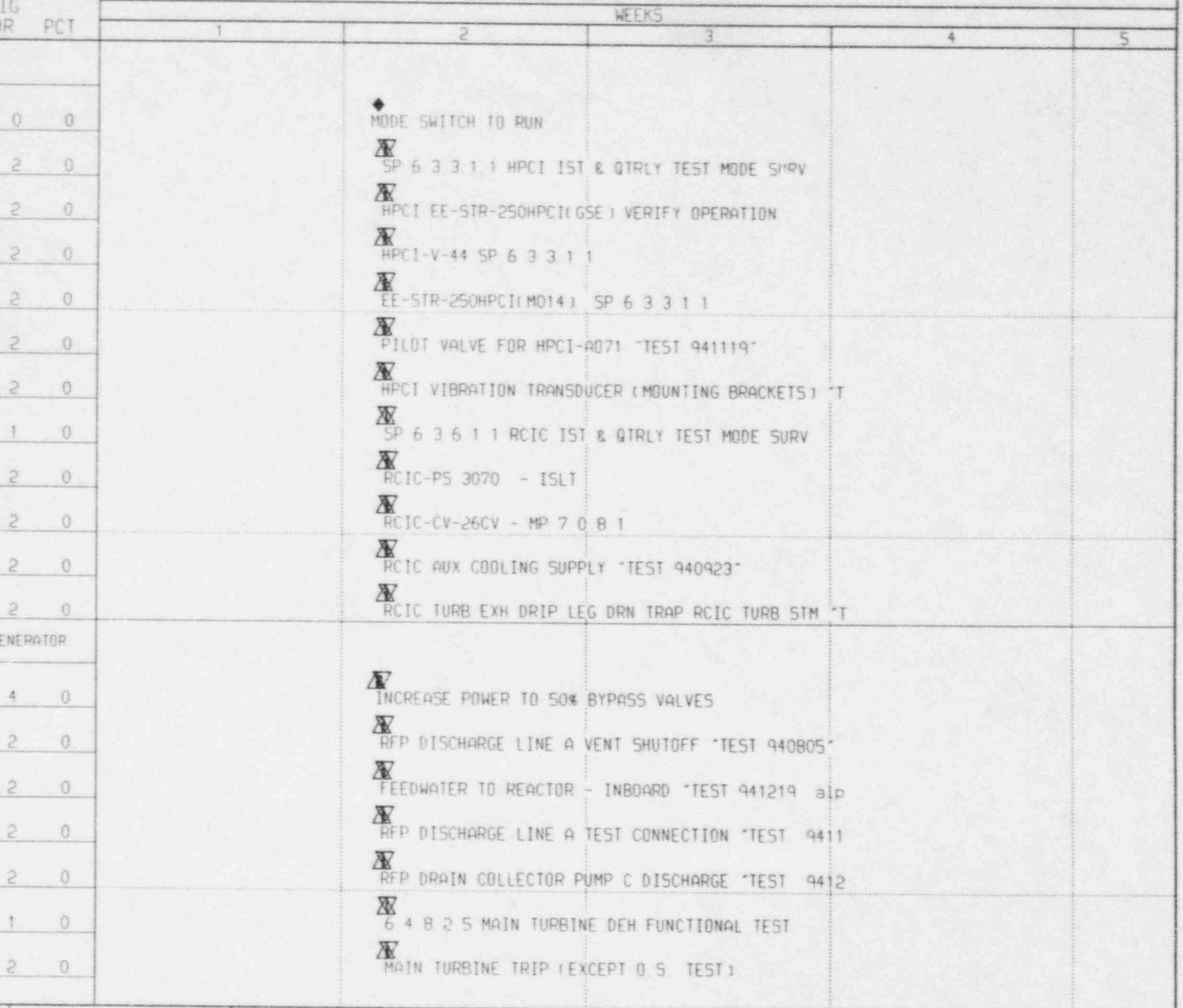
STOP

Sheet 5 of 9

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT
MODE SWITCH TO RUN		
MS270	0	0
SP63311	2	0
WI941282	2	0
WI943413	2	0
WI944216	2	0
WI945984AA	2	0
WI946048AA	2	0
SP63611	1	0
WI941645	2	0
WI942290	2	0
WI945244AA	2	0
WI945261AA	2	0
SYNCHRONIZE TURBINE GENERATOR		
MS200	4	0
WI944255AA	2	0
WI945121AA	2	0
WI945344AA	2	0
WI946288AA	2	0
SP64825	1	0
SP64824A	2	0



Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:52

(c) Primavera Systems, Inc

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

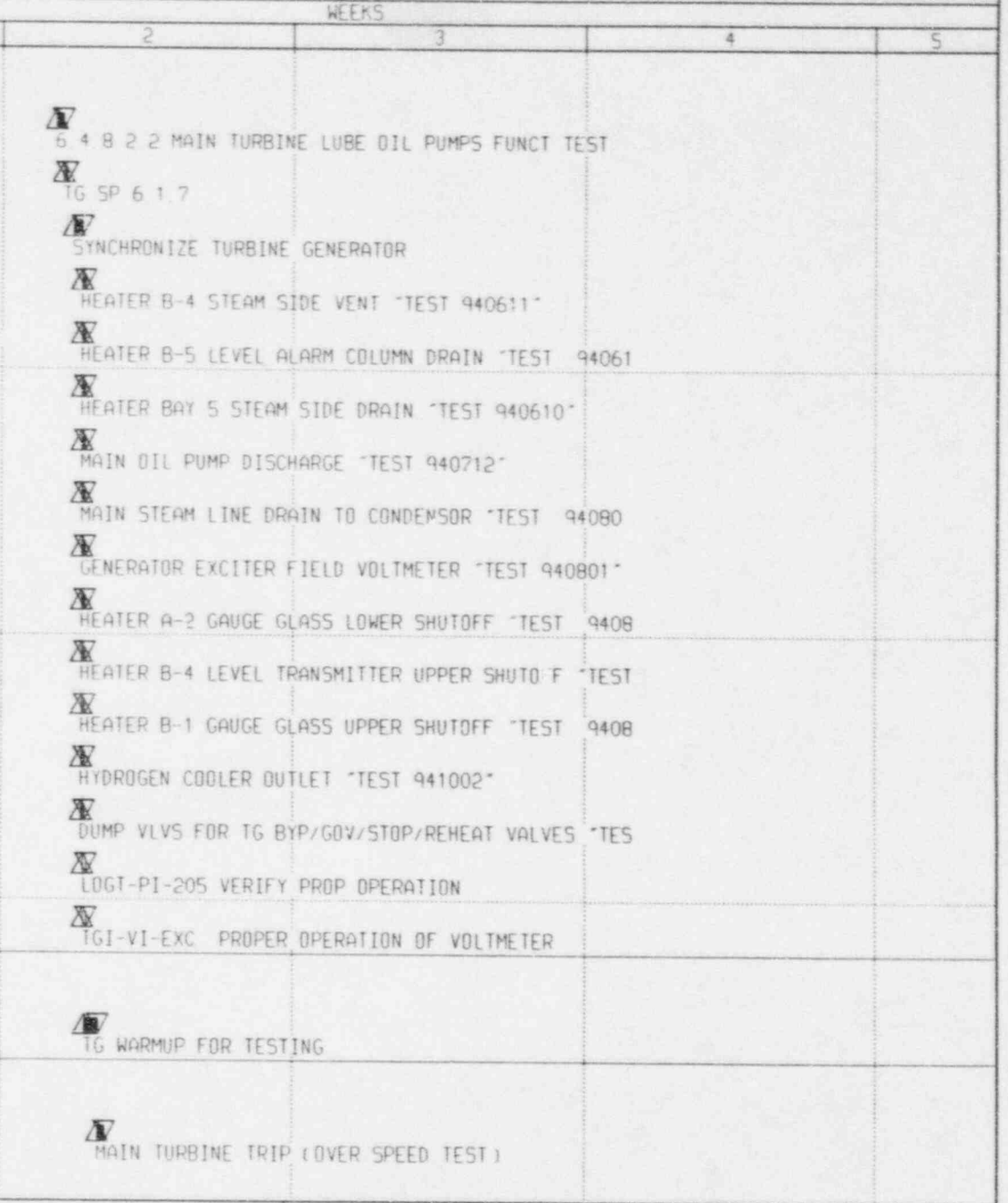
STOP

Sheet 6 of 9

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT
SYNCHRONIZE TURBINE GENERATOR		
SP64822	4	0
SP617AA	2	0
MS210	5	0
WI941926AA	2	0
WI941927AA	2	0
WI942421AA	2	0
WI943009AA	2	0
WI944097AA	2	0
WI944164AA	2	0
WI944580AA	2	0
WI944647AA	2	0
WI944649AA	2	0
WI945557AA	2	0
WI945648AA	2	0
WI943009	2	0
WI944164	2	0
TURBINE GENERATOR > 10% POWER		
STUP160	8	0
TURBINE GENERATOR TEST		
SP64824B	4	0



Plot Date 18JUN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:58 A

(c) Primavera Systems, Inc

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Neg Activity

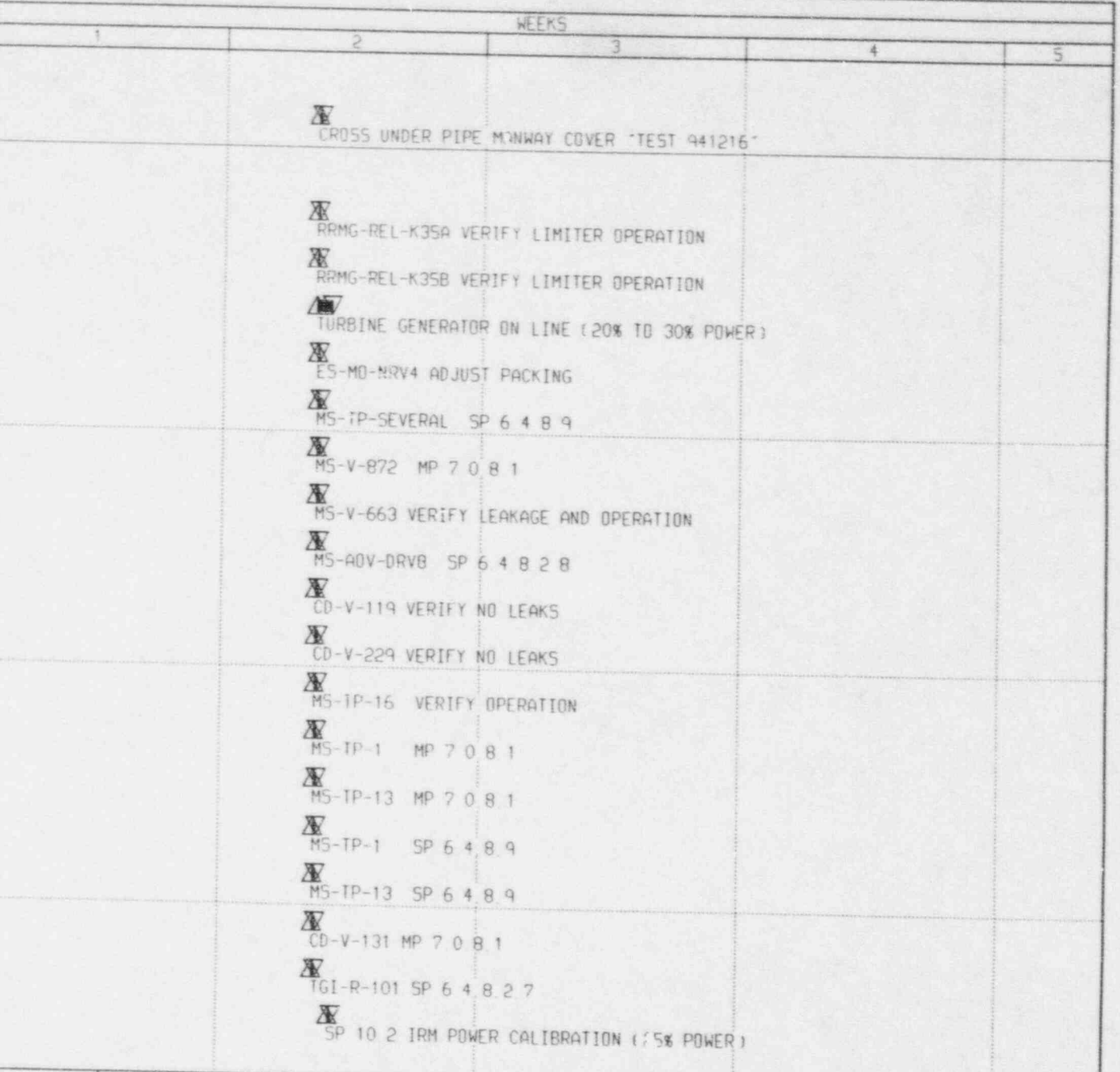
STOP

Sheet 7 of 9

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT
TURBINE GENERATOR TEST		
WI946068AA	2	0
TG ON LINE (20% TO 30% POWER)		
WI942637	1	0
WI942638	1	0
STUP165	10	0
WI934545	1	0
WI933277	2	0
WI941316	2	0
WI941581	2	0
WI941807	2	0
WI941926	2	0
WI941927	2	0
WI942131	2	0
WI942404-1	2	0
WI942404-2	2	0
WI942404-3	2	0
WI942404-4	2	0
WI942421	2	0
WI942604	2	0
SP102	2	0



Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

(c) Primavera Systems, Inc.

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Top Activity

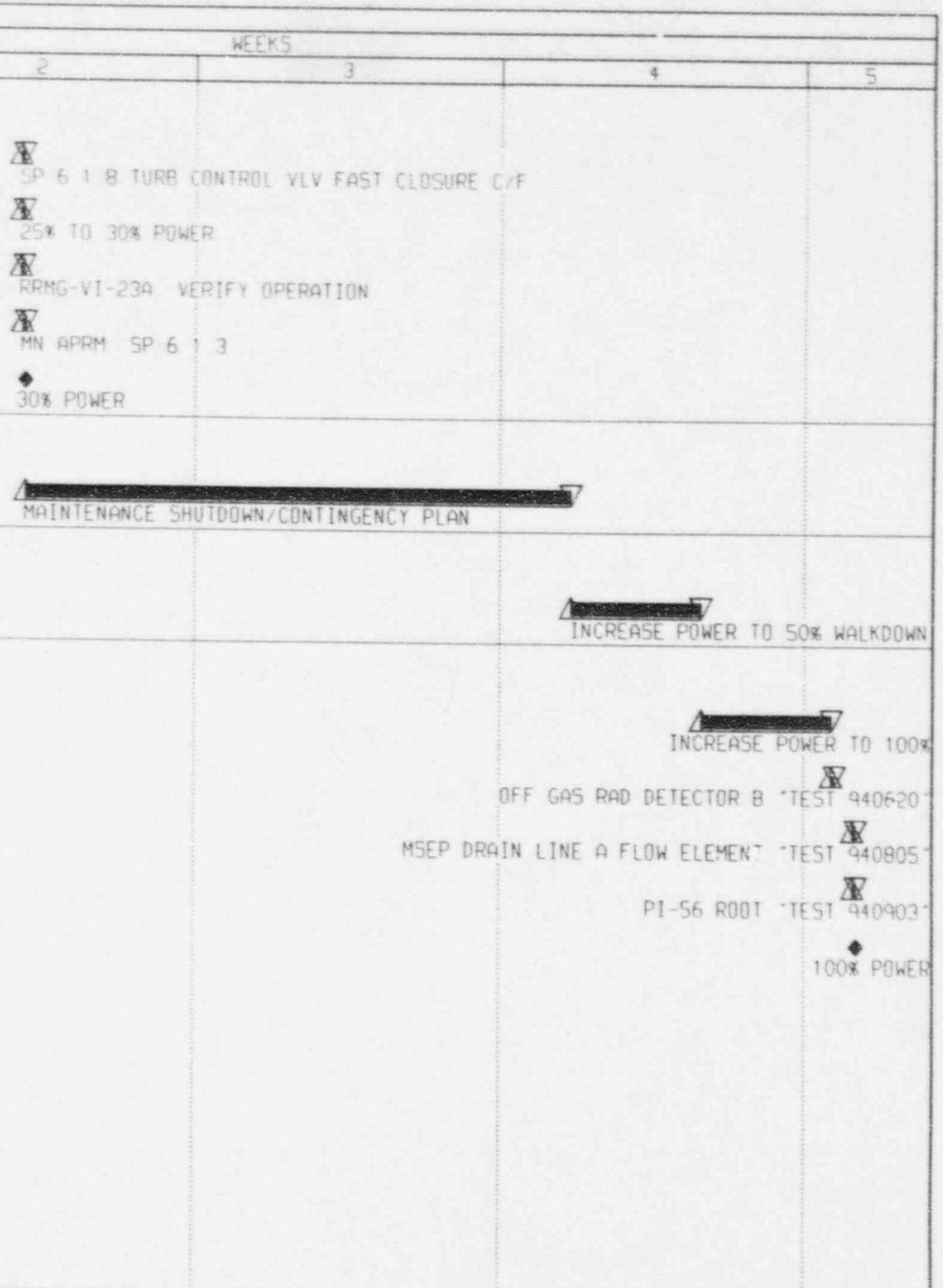
STUP

Sheet 8 of 9

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

ACTIVITY ID	ORIG DUR	PCT
TG ON LINE (20% TO 30% POWER)		
SP618	2	0
STUP175	2	0
WI941466-2	2	0
SP613AA	2	0
STUP180	0	0
MAINTENANCE SHUTDOWN		
STUP183	300	0
POWER ASCENSION TO 50% (WALKDOWN		
MS239	72	0
100% POWER		
MS240	72	0
WI942931AA	2	0
WI944195AA	2	0
WI944648AA	2	0
STUP205	0	0



Plot Date 18JAN95 11:14
Data Date 1DEC94 12:00
Project Start 25MAY94 0:00
Project Finish 11FEB95 13:59

Activity Bar/Early Dates
Critical Activity
Progress Bar
Milestone/Flag Activity

STUP

Sheet 4 of 4

COOPER NUCLEAR STATION
FORCED SHUTDOWN - DUE TO DG'S INOP
BC-10 POWER ASCENSION SCHEDULE

Date	Revision	Checked	Approved

1/18/95 Mueller & Management Meeting

NPPD - NUCLEAR POWER GROUP

MANAGEMENT REVIEW MEETING

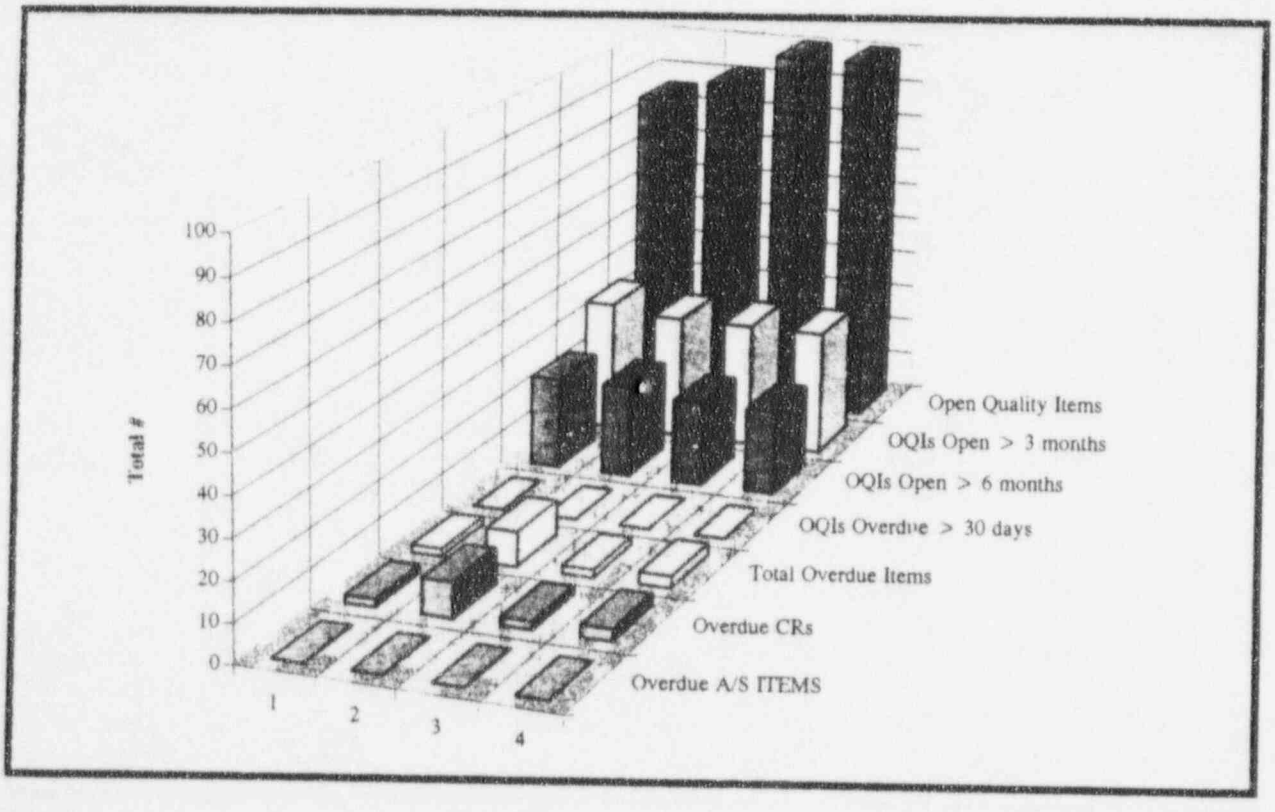
January 18, 1995

1. Quality Assessment Report - A. Sessoms
2. Performance Indicator Review:
   - MWR Backlog - R. Gardner/J. Brown
   - LCOs - D. Hitzel
   - Red Arrows - D. Billesbach
   - NAIT Overdue Open Items - C. Gaines
   - Condition Reports - C. Gaines
3. Restart Schedule - T. Foster
4. Comments - J. Mueller

A157

OPEN QUALITY ITEMS
(OQIs)
STATUS REPORT

ITEMS	# AS OF 12/27/94	# AS OF 1/3/95	# AS OF 1/11/95	# AS OF 1/18/95
Open Audit/Surveillance	14	13	13	12
Open CRs	71	78	87	88
Overdue A/S ITEMS	0	0	0	0
Overdue CRs	2	9	2	3
Total Overdue Items	2	9	2	3
OQIs Overdue > 30 days	0	0	0	0
OQIs Open > 6 months	24	24	22	22
OQIs Open > 3 months	35	33	33	33
Open Quality Items	85	91	100	100



OPEN QUALITY ITEMS
STATUS

CR #	S/N #	STATUS	S/U ISSUE SCRN	CAT #	ASSIGNEE	ORIG. DATE	MANAGER	DUE DATE	COMMENTS
94-1124	1-03473	OVERDUE	S/U+	2	CHAMPLIN	12/6/94	ALMQUIST	1/5/95	MOV audit response overdue
94-1108	1-00332	OVERDUE		3	CHAMPLIN	12/1/94	BOYCE	1/16/95	MOV audit response overdue
94-1115	1-00267	OVERDUE		4R	CHAMPLIN	11/29/94	BOYCE	1/17/95	MOV audit response overdue
94-1198	1-01315	OK		2	CHAMPLIN	12/30/94	HITCH	1/19/95	
94-1198	1-00788	OK		2	CHAMPLIN	12/19/94	HITCH	1/19/95	
94-1198	1-06209	OK		3	CHAMPLIN	1/5/95	MACE	1/19/95	
95-0030	1-00814	OK		2	BRADISH	1/5/95	BEILKE	1/20/95	
94-1247	1-00811	OK		3	CHAMPLIN	12/21/94	BOYCE	1/20/95	
94-1246	1-00826	OK		3	KENT	12/22/94	McCLURE	1/20/95	
94-1242	1-00797	OK		4R	WILHELM	12/16/94	DUTTON	1/20/95	
94-1238	1-00790	OK		3	WILHELM	12/16/94	MACE	1/20/95	
94-1226	1-00812	OK		3	McMAHAN	12/19/94	DUTTON	1/20/95	
94-1171	1-00736	OK	S/U+	3	HUTTON	12/14/94	DIRITO	1/20/95	+MRC agrees
94-1259	1-00818	OK		3	BIRD	12/22/94	GAUSMAN	1/25/95	
94-1258	1-00823	OK		3	KENT	12/20/94	DIRITO	1/25/95	
94-1182	1-00800	OK		3	HUTTON	12/15/94	DIRITO	1/25/95	
94-1134	1-03438	OK		2	ROUP	12/5/94	GAUSMAN	1/25/95	
94-1269	1-00834	OK		3	BRADISH	12/26/94	GARDNER	1/26/95	
94-0849	0-07998	OK	S/U+	3	SMITH	9/29/94	MCCLURE	1/26/95	+MRC agrees
94-1284	1-00836	OK		3	OSWALD	12/26/94	HOUSTON	1/27/95	
94-1272	1-00827	OK		3	OSWALD	12/22/94	GAINES	1/27/95	
94-0852	0-08001	OK	S/U+	3	ESTRADA	9/30/94	WALDEN	1/28/95	+MRC agrees
94-0337	0-00097	OK	S/U+	2	ESTRADA	6/24/94	DIRITO	1/28/95	+MRC agrees
94-0903	1-03825	OK		3	KENT	10/11/94	DIRITO	1/29/95	
94-1291	1-06192	OK		3	McMAHAN	12/30/94	DUTTON	1/30/95	
94-1107	1-03447	OK		2	COMSTOCK	12/1/94	HITCH	1/30/95	
94-1033	1-00594	OK		2	WALGREN	11/9/94	GARDNER	1/30/95	
94-0895	1-03956	OK		3	GIBSON	10/11/94	GARDNER	1/31/95	
94-0848	0-10415	OK		2	WALGREN	10/3/94	DIRITO	1/31/95	
94-1129	1-03966	OK		3	COX	12/15/94	GARDNER	2/1/95	
94-0995	1-00578	OK		4R	KENT	11/2/94	GARDNER	2/1/95	
95-0011	1-06194	OK		3	ESTRADA	12/31/94	SMITH	2/2/95	
95-0009	1-06193	OK		3	ESTRADA	12/31/94	SMITH	2/2/95	
95-0008	1-04326	OK		3	TAYLOR	1/2/95	MACE	2/2/95	
95-0006	1-00837	OK		3	TAYLOR	12/26/94	DIRITO	2/2/95	
94-1199	1-00803	OK		4R	EDMONDS	12/17/94	McCLURE	2/2/95	
94-1196	1-00789	OK		4R	TAYLOR	12/16/94	DIRITO	2/2/95	

1/18/95

NOTE: Due Date Column represents the next activity due (e.g. Response, C/A Plan, or C/A implementation)

OPEN QUALITY ITEMS
STATUS

CR #	S/N #	STATUS	S/U ISSUE SCRN	CAT #	ASSIGNEE	ORIG. DATE	MANAGER	DUE DATE	COMMENTS
94-1195	1-00803	OK		4R	EDMONDS	12/17/94	DIRITO	2/2/95	
94-1193	1-00804	OK		4R	EDMONDS	12/17/94	McCLURE	2/2/95	
94-1235	1-03639	OK		4R	COMSTOCK	12/21/94	BEILKE	2/3/95	
94-1222	1-00806	OK		4R	OSBORN	12/17/94	GAUSMAN	2/3/95	
94-1202	1-00802	OK		4R	EDMONDS	12/17/94	DIRITO	2/3/95	
94-1201	1-00796	OK		4R	TAYLOR	12/16/94	DIRITO	2/3/95	
94-1200	1-00807	OK		4R	EDMONDS	12/17/94	DIRITO	2/3/95	
94-0386	0-00085	OK		3	BIRD	6/1/94	BOYCE	2/5/95	
95-0031	1-06212	OK		3	BIRD	1/5/95	J. HOTOVY	2/6/95	
94-1019	1-03444	OK		3	WALGREN	11/10/94	SMITH	2/8/95	
95-0053	1-06197	OK		3	COX	12/30/94	HERRON	2/9/95	
95-0052	1-06196	OK		3	COX	12/30/94	HITCH	2/9/95	
94-1255	1-00831	OK		4R	EDMONDS	12/23/94	MOELLER	2/9/95	
95-0076	1-06214	OK		3	ESTRADA	1/9/95	GAINES	2/10/95	
95-0063	1-06218	OK	S/U+	3	BIRD	1/12/95	ALMQUIST	2/10/95	+MRC agrees
95-0060	1-06217	OK		2	ADELUNG	1/10/95	HERRON	2/10/95	
95-0058	1-00004	OK		3	DEKLEVA	1/5/95	GARDNER	2/10/95	
94-1264	1-00829	OK		4R	ESTRADA	12/23/94	GARDNER	2/10/95	
94-1281	1-04327	OK		4R	WILHELM	12/27/94	GARDNER	2/13/95	
94-1089	1-03413	OK		3	DEATZ	11/28/94	MCCLURE	2/15/95	
95-0022	1-06199	OK		4R	McMAHAN	12/28/94	GARDNER	2/17/95	
95-0005	1-06191	OK		4R	McMAHAN	12/29/94	GAUSMAN	2/17/95	
94-0997	1-03874	OK		2	OSWALD	11/3/94	GAINES	2/23/95	
95-0081	1-06221	OK		4R	TAYLOR	1/12/95	GAINES	2/27/95	
94-1111	1-03437	OK		3	ROUP	12/2/94	BEILKE	2/28/95	
94-1090	1-03429	OK		4R	OSWALD	11/29/94	MACE	2/28/95	
94-0902	1-01696	OK		2	CHAMPLIN	10/13/94	McCLURE	2/28/95	
94-0276	0-00065	OK		3	ESTRADA	6/8/94	JONES	2/28/95	
94-0392	0-00099	OK		3	ROUP	7/7/94	GAUSMAN	3/1/95	
94-0172	0-01859	OK		3	EHRENBERG	11/11/94	GAUSMAN	3/1/95	
94-0156	0-02023	OK		3	EHRENBERG	11/11/94	GAUSMAN	3/1/95	
94-0116	0-00038	OK		3	ADELUNG	4/29/94	GAUSMAN	3/1/95	
94-0473	0-00142	OK		1	ESTRADA	7/25/94	GAINES	3/3/95	
94-1119	1-03475	OK		3	BIRD	12/3/94	GARDNER	3/31/95	
94-1040	1-03412	OK		3	DEATZ	11/14/94	SESSOMS	3/31/95	
94-0952	1-00048	OK		4R	WALGREN	10/25/94	GAUSMAN	3/31/95	
94-0134	0-00009	OK		3	WALGREN	5/3/94	GARDNER	3/31/95	

1/18/95

NOTE: Due Date Column represents the next activity due (e.g. Response, C/A Plan, or C/A implementation)

OPEN QUALITY ITEMS
STATUS

CR #	S/N #	STATUS	S/U ISSUE SCRN	CAT #	ASSIGNEE	ORIG. DATE	MANAGER	DUE DATE	COMMENTS
94-0133	0-00037	OK		3	WALGREN	5/3/94	GARDNER	3/31/95	
94-0320	0-00017	OK		3	TAYLOR	6/20/94	GARDNER	3/31/95	
94-1109	1-03450	OK		3	COMSTOCK	12/1/94	HITCH	4/1/95	
94-0383	0-00082	OK		3	BIRD	6/1/94	BOYCE	4/1/95	
94-1105	1-03443	OK		3	COMSTOCK	11/30/94	GAUSMAN	4/14/95	
94-0110	0-00299	OK		4	OSWALD	4/28/94	GAUSMAN	4/30/95	
94-0301	0-00091	OK		2	ROBINSON	6/15/94	OVERBECK	5/1/95	
94-0174	0-00046	OK		3	ESTRADA	5/4/94	GAUSMAN	5/31/95	
94-1184	1-04920	OK		3	ALLEN	12/16/94	GAUSMAN	6/1/95	
94-0438	0-00127	OK		2	GIBSON	7/18/94	SMITH	6/1/95	
94-1111	1-03436	OK		3	ROUP	12/1/94	BEILKE	6/30/95	
94-1070	1-01230	OK		4R	GIBSON	10/20/94	GAUSMAN	6/30/95	
94-0572	0-00152	OK		3	GIBSON	8/4/94	DIRITO	6/30/95	
94-1223	1-04091	OK		3	McMAHAN	12/20/94	GAUSMAN	7/31/95	

NOTE: Due Date Column represents the next activity due (e.g. Response, C/A Plan, or C/A implementation)

OPEN QUALITY ITEMS
STATUS

A/S#	STATUS	S/U ISSUE SCRN	ASSIGNEE	ORIG. DATE	MANAGER	DUE DATE	COMMENTS
93-18-01	OK	S/U+	WALGREN	8/16/93	DIRITO	1/27/95	Procedure 0.26 revision
94-04-02	OK		GIBSON	4/12/94	HITCH	1/31/95	
93-700-27	OK		CHAMPLIN	10/12/93	GARDNER	2/15/95	
94-04-E	OK		GIBSON	4/12/94	SESSOMS	2/15/95	
94-05-01	OK		ROUP	4/25/94	GARDNER	3/1/95	
94-05-A	OK		ROUP	4/25/94	GAUSMAN	4/16/95	
94-05-B	OK		ROUP	4/25/94	GAUSMAN	4/16/95	
94-05-C	OK		ROUP	4/25/94	GAUSMAN	4/16/95	
94-05-D	OK		ROUP	4/25/94	GAUSMAN	4/16/95	
94-05-E	OK		ROUP	4/25/94	GAUSMAN	4/16/95	
93-14-A	OK		WALGREN	1/26/94	BOYCE	4/30/95	
93-14-01	OK		WALGREN	11/19/93	DUTTON	5/1/95	

NOTE: Due Date Column represents the next activity due (e.g. Response, C/A Plan, or C/A implementation)

CR STATUS REPORT

CR #:	94-1124
SERIAL #:	1-03473
CATEGORY:	2
CR OWNER:	
QA ASSIGNEE:	CHAMPLIN
RESPONSIBLE MANAGER:	ALMQUIST
ORIG. DATE:	12-06-94
INITIAL RESPONSE DUE:	01-05-95
EXTENSIONS:	
DATE RESPONSE SUBMITTED:	

CONDITION:

THIS CR WAS WRITTEN TO CHARACTERIZE THAT MANAGEMENT HAS NOT DEVELOPED A SUBSTANTIATED MANAGERIAL OWNERSHIP IN SUPPORT OF THE MOV PROGRAM. THIS IS EVIDENCED BY THE FOLLOWING CONCERNS: 1) THE FOLLOWING REGULATORY COMPLIANCE ISSUES FROM IR 93-08 HAVE NOT BEEN ADEQUATELY ADDRESSED OR WORK HAS NOT BEEN ACTIVELY PERFORMED IN AN EFFORT TO SUPPORT A DESIRED POSITION ON THE OPEN ITEM. A) SUFFICIENT JUSTIFICATION FOR THE METHODOLOGY USED TO DISPOSITION VALVES POTENTIALLY SUSCEPTIBLE TO PRESSURE-LOCKING AND THERMAL-BUILDING HAS NOT BEEN ESTABLISHED. B) JUSTIFICATION FOR EXTENSION OF PHASE I OF GL 89-10 HAS NOT BEEN FINALIZED. C) THE USE OF AN ADDITION 5% REDUCED VOLTAGE FACTOR APPLIED TO MOTOR TORQUE FOR DC MOTORS (IN ACCOUNTING FOR MOTOR CURVE UNCERTAINTIES) IS NOT FORMALLY JUSTIFIED. D) JUSTIFICATION TO SUPPORT STATIC TESTING FOR PERIODIC VERIFICATIONS HAS NOT BEEN ESTABLISHED.

CONDITION (CONT.):

2) THE IDENTIFIED CONCERN OF THE NUMBER OF TRAINED AND QUALIFIED NPPD PERSONNEL COMMITTED TO AND IN SUPPORT OF THE MOV PROGRAM, THE AMOUNT OF TRAINING PROVIDED, AND THE REQUALIFICATION CRITERIA, RAISES THE QUESTION IF THE NPG IS PROGRESSING ADEQUATELY TOWARDS PROVIDING THE NECESSARY RESOURCES TO SUPPORT THE CLOSURE OF GL 89-10, PHASE I, AND FOR OWNERSHIP TRANSFER TO CNS OF PHASE II OF THE MOV PROGRAM AS PLANNED.
3) SPECIFIC CONDITIONS IDENTIFIED DURING THE CONDUCT OF AUDIT 94-26 (REFER TO FOLLOWING CONDITION REPORTS AND RECOMMENDATIONS DISCUSSED BELOW).
CR S/N 1-03459; CR S/N 1-03458; CR S/N 1-03476; CR S/N 1-00332; CR S/N 1-03475, CR S/N 1-00267; AND CR S/N 1-03474.

CR STATUS:

THIS CR WILL TRACK CR 94-1124 S/N 1-03473, 1-03458, 1-03459, 1-03476, AND 1-03474. 12-14-94: THIS ITEM IS OPEN. THIS CR WAS INCLUDED IN THE GROUPING OF CR 94-1124 WHICH IS BEING TRACKED BY NAIT UNDER CR S/N 1-03458 (CR2 94-1124)

CR STATUS (CONT.):

STATUS (CONT.):

CONTINUED STATUS:

CR STATUS REPORT

CR #:	94-1108
SERIAL #:	1-00332
CATEGORY:	3
CR OWNER:	ALMQUIST
QA ASSIGNEE:	CHAMPLIN
RESPONSIBLE MANAGER:	BOYCE
ORIG. DATE:	12-01-94
INITIAL RESPONSE DUE:	01-02-95
EXTENSIONS:	01-16-95

DATE RESPONSE SUBMITTED:

CONDITION:

DURING THE PERFORMANCE OF A STATIC TEST ON SW-MOV-MO89B PER CNS M.P. 7.3.35.5 (MWR #94-5635) THE CLOSE LIMIT SWITCH SETTING WAS VERIFIED TO BE INCORRECTLY SET M.P. 7.3.35.5 STATES: "MAKE ANY NECESSARY ADJUSTMENTS TO MEET REQUIREMENTS OF LIMIT SWITCH SETTINGS;" IT DOES NOT PROVIDE DETAILED DIRECTION ON "HOW TO" ADJUST LIMITS. CR S/N 1-00667 INCORRECTLY STATES "CLOSED LIMIT SWITCH WAS SET PROPERLY PER DIRECTION GIVEN IN 7.3.35.5." M.P. 7.3.36 GIVES DETAILED DIRECTION ON LIMIT ADJUSTMENTS AND SHOULD HAVE BEEN REFERENCED. THE CLOSE LIMIT SWITCH SETTING WAS ADJUSTED WITHOUT THE PROPER PROCEDURE.

CONDITION (CONT.):

CR STATUS:

THIS CR IS OPEN AND AWAITING RESPONSE.

A RESPONSE EXTENSION WAS GRANTED TO 1-16-95. (1-3-95)

CR STATUS (CONT.):

STATUS (CONT.):

CONTINUED STATUS:

CR STATUS REPORT

CR #:	94-1115
SERIAL #:	1-00267
CATEGORY:	4R
CR OWNER:	ALMQUIST
QA ASSIGNEE:	CHAMPLIN
RESPONSIBLE MANAGER:	BOYCE
ORIG. DATE:	11-29-94
INITIAL RESPONSE DUE:	01-17-95
EXTENSIONS:	
DATE RESPONSE SUBMITTED:	

CONDITION:

DURING THE PERFORMANCE OF A STATIC TEST ON SW-MOV-MO89B PER CNS M.P. 7.36.35.5 (MWR 94-5635), A NOTE IN THE PROCEDURE STATED: "INITIAL UNSTRESSED D-CLAMP OFFEST WILL BE -23.0 VOLTS (1.0V) AS READ BY THE PROXIMETER BOX." THE PROXIMETER BOX USED CAN ONLY DISPLAY UP TO -20.0 VDC. A GREATER THEN -20.0 VDC READING WILL RESULT IN A DISPLAY OF -1 ON THE PROXIMETER BOX. TO VERIFY UNSTRESSED OFFEST OF D-CLAMP; A CALIBRATED VOLTMETER (#9198 CAL DUE 4-18-95) WAS USED. OFFSET READING WAS -23.37 VDC.

CONDITION (CONT.):

CR STATUS:

12-14-94: OPEN AWATING A RESPONSE.

CR STATUS (CONT.):

STATUS (CONT.):

CONTINUED STATUS:

THIS CR WILL TRACK CR 94-1124 S/N 1-03473, 1-03458, 1-03459, 1-03476, AND 1-03474. 12-14-94: THIS ITEM IS OPEN. THIS CR WAS INCLUDED IN THE GROUPING OF CR 94-1124 WHICH IS BEING TRACKED BY NAIT UNDER CR S/N 1-03458 (CR2 94-1124)

CR STATUS (CONT.):

STATUS (CONT.):

CONTINUED STATUS:

MRC-Approved Restart Work Items

19-Jan-95 Printed today (01/19/95), update is in process

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 92-3139	O	FOR CONTROL BUILDING VENTILATION SUPPLY AND EXHAUST FANS, ENSURE WHEEL IS CENTERED AND CLEAN. ALSO PERFORM OTHER PM WORK PER PM 07270.	12/5/94			MNT	
MWR 93-2856	O	REPLACE MC-V-316/MC-V-844 (A-3 HEATER CONDENSATE SIDE DRAIN ROOT/SHUTOFF).	1/2/95			ENG	
MWR 93-3273	O	SWITCH STICKS (HANGS UP) WHEN GOING FROM AUTO POSITION TO START. CYCLED SWITCH SEVERAL TIMES CONDITION DID NOT IMPROVE. INVESTIGATE AND REPAIR. REF MWR 91-1998.	11/21/94			MNT	
MWR 93-3362	O	REPLACE SOFTWARE INTERNALS ON TGF-ACC-HPB AND TGF-ACC-HPD.	12/23/94			MNT	
MWR 93-3764	O	REPLACE SOFTWARE INTERNALS ON TGF-ACC-BV	12/23/94			MNT	
MWR 93-3833	C	ON TB DS AT THE RIGHT SIDE OF TERMINAL POINT 5, FABRICATE AND INSTALL WIRE TAG "2A" IN LIEU OF INCORRECT TAG "2". NOTIFY CONFIG MANAGEMENT WHEN COMPLETED FOR DCN REQUIREMENTS. APA PROJECT DTN 3-31867-0.	11/21/94		12/2/94	MNT-E	
MWR 93-3839	C	MWR 93-3779 IDENTIFIED A BODY TO BONNET LEAK AND THAT THE VALVE REQUIRED RE-PACKING. DISASSEMBLE VALVE, REPLACE BONNET GASKET AND PACKING AND RE-ASSEMBLE. SEE MWR 88-1531.	11/21/94		1/11/95	MNT-M	
MWR 93-3939	O	THE FOLLOWING MOUNTING DISCREPANCIES EXIST ON SUBJECT RACK. IA SUPPLY LINES TO MS-738AV AND NBI-736AV ARE MISSING U-BOLTS AND IN ONE CASE BRACKET FOR U-BOLT NM-SPV1-2 HAVE BRACKETS THAT APPEAR TO NEVER HAVE BEEN USED. WITH THE ASSISTANCE OF ENGINEERING, PROPERLY MOUNT EXISTING EQUIPMENT	11/21/94			ENG	
MWR 93-4281	C	IN RESPONSE TO DR 93-450, ALL TRANSMITTERS REPLACED UNDER DC 91-007 THAT HAVE NOT BEEN CALIBRATED SINCE INSTALLATION MUST BE CALIBRATED DUE TO POSSIBLE ZERO SHIFT IN TRANSMITTER OUTPUT.	11/21/94		12/7/94	MNT-I	
MWR 93-4446	C	DURING PERFORMANCE OF SP 6.2.2.4.4, ALL FOUR FCU'S TRIPPED (REQUIRING OVERLOADS BEING RESET) FOLLOWING BEING RESTARTED AFTER WAITING (APPROX 1 MINUTE) THE PRESCRIBED AMOUNT OF TIME BY SP 6.2.2.4.4. REF MWR 93-1787. REPAIR AS REQUIRED PER SYS ENG DIRECTION.	11/21/94		12/2/94	ENG	
MWR 93-4521	O	INSPECT/REPAIR/REPLACE CS-MOV-MO5B. OBTAIN "AS FOUND" PICTURES AND INTERNAL MEASUREMENTS FOR EVALUATION BY ANCHOR-DARLING.	11/21/94			MNT-E	

Get new lists

Status & Closed/Due Date are tracked by Work Control Center in lieu of these sheets (MWRs only)

6/5/?

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 93-4522	O	INSPECT/REPAIR/REPLACE CS-MOV-MO5A. OBTAIN "AS FOUND" PICTURES AND INTERNAL MEASUREMENTS FOR EVALUATION BY ANCHOR-DARLING.	11/21/94			MNT-E	
MWR 94-0296	O	EXAMINE/VERIFY MOTOR PINION KEY STAKED AND SHAFT DIMPLED IAW MP 7.2.50.10. AT A MINIMUM, THE FOLLOWING STEPS SHALL BE COMPLETED IN ORDER: APP STEPS OF 8.6.1, ALL OF STEPS 8.3.14, 8.4.8.5, 8.4.8.6, 8.4.8.7, 8.5.17 AND AP STEPS OF 8.6.2.	11/21/94			MNT-M	
MWR 94-0430	O	RFC-PI-90C WAS ERRATIC WHILE PERFORMING SECTION 8.3 OF SP 6.1.9. (NBI-LIS-101C). APPEARS TO HAPPEN WHEN RELAY RCIC-REL-K34 PICKS UP. SYSTEM ENG TO PROVIDE GUIDANCE. PERFORM ATTACHED SPECIAL INSTRUCTIONS.	1/2/95			MNT-I	
MWR 94-0916	O	REPLACE THE DETECTOR CONNECTORS IN ACCORDANCE WITH PROCEDURE 14.2.19.	1/2/95			MNT-I	
MWR 94-0917	O	REPLACE THE DETECTOR CONNECTORS IN ACCORDANCE WITH PROCEDURE 14.2.19.	1/2/95			MNT-I	
MWR 94-1220	O	REPLACE ELECTROLYTIC CAPACITORS OR REPLACE POWER SUPPLIES FOR TGC-ES-PS3, TGC-ES-PS4.	11/28/94			MNT	
MWR 94-1419	O	LIMITED HEAT DAMAGE TO FLEX CONDUIT OUTER PLASTIC COVER. REPLACE AND RE-ROUTE FLEX CONDUIT PER SYSTEM ENGINEER'S ATTACHED SPECIAL INSTRUCTIONS. REF MWR 92-2533 MS-TE-114C ROUTES THROUGH TB 167.	12/21/94			ENG	
MWR 94-1542	O	REPLACE ACCUMULATOR	12/10/94				
MWR 94-1622	C	CONTACT CABINET CONTAINS MANY UNMARKED AND UNTERMINATED WIRES THAT INTERFERE WITH ACCESS TO RELAYS AND TERMINAL STRIPS IN THE CABINET. ISOLATE ALL ABOVE MENTIONED WIRES PER ATTACHED SPECIAL INSTRUCTIONS.	11/21/94		12/13/94	MNT-E	
MWR 94-2237	O	DURING TROUBLESHOOTING ON MWR 94-1777 (HI O2 ALARM) BELIEVE THAT THE O2 SENSOR MAY BE CAUSING THE PROBLEM. REPLACE O2 SENSOR PER I&C PROC 14.32.3 (SECT 8.11) AND VERIFY PROBLEM IS CORRECTED.	11/21/94			MNT-I	
MWR 94-2277	O	REPLACE INSULATION, IN ORIGINAL CONFIGURATION WHICH WAS REMOVED FROM THE 1" CS INSTRUMENT LINES FOR CS-DPIS-43A AND 43B (JELCO ISO X25077-200) BY SORC APPROVED MWR 93-4433. NOTE: DO NOT PERFORM UNTIL MWR 94-2278 IS COMPLETED. CONTACT ORIGINATOR FOR DETAILS.	11/21/94			MNT-W	
MWR 94-2301	C	DURING POWER DECREASE FROM 540 TO 440 MWE LEVEL RECORDER LR/PR97 HAD 3 IN LEVEL SWINGS (TORNADO EFFECT). DETERMINE CAUSE AND RECOMMEND CORRECTIVE ACTION. REF MWR'S 86-2689 & 88-3830.	11/21/94		12/27/94	ENG	
MWR 94-2347	O	REBUILD SSPV PER RICSIL 069	12/10/94				
MWR 94-2348	O	REBUILD SSPV PER RICSIL 069	12/10/94				

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-2349	O	REBUILD SSPV PER RICSIL 069	12/10/94				
MWR 94-2350	O	REBUILD SSPV PER RICSIL 069	12/10/94				
MWR 94-2370	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2371	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2372	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2373	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2374	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2375	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2376	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2377	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2378	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2379	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2380	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2381	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2382	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2383	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2385	O	PM 07227 - AS REQUESTED BY THE LLRT CO-ORDINATOR, INSTALL AND REMOVE STRONGBACKS TO FACILITATE TESTING PER S.P. 6.3.1.1.	11/22/94			MNT-P	
MWR 94-2416	O	SCRAM INSERT VALVE SEEMS TO BE LEAKING THROUGH. CAN HEAR WATER PASSING THROUGH VALVE. VALVE IS WARMER THAN AMBIENT AIR TEMPERATURE. ADJUST VALVE STEMS AND VERIFY/ADJUST OPERATING PARAMETERS.	12/10/94				
MWR 94-2619	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2620	O	SCRAM VALVE LIMIT SWITCH	12/10/94				
MWR 94-2734	D	KEYWAY ON TESTTABLE CHECK VALVE CS-CV-18CV IS ROUGH AND NEEDS CLEANED UP TO ALLOW KEY TO FIT BETTER	11/29/94			MNT-M	
MWR 94-2735	D	KEYWAY ON TESTABLE CHECK VALVE CS-CV-19CV IS ROUGH AND NEEDS CLEANED UP TO ALLOW KEY TO FIT BETTER	11/29/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-2915	O	REPLACE OR REPAINT THE BACKING PLATE IN EE-STR-250HPCI (MO14). (CORRECTIVE ACTION FOR DR 93-404)	12/12/94			ENG	
MWR 94-3190	C	REBUILD H2/O2 SAMPLE PUMP.	12/23/94		1/11/95	MNT	
MWR 94-3265	O	WELD NO 1 ON PENETRATION X-20 WAS RADIOGRAPHED AND WAS REJECTED AFTER THE REVIEW. REPAIR SAME.	11/21/94			MNT-W	
MWR 94-3449	O	WHILE INSTALLING CLAMPS ON ELECTRICAL PENETRATIONS FOUND PC-PENT-X105D WAS MISSING TWO CLAMPS. USED TWO CLAMPS ALREADY ISSUED FOR USE OUTSIDE DRYWELL. ISSUE MWR TO DOCUMENT THE INSTALLED CLAMPS.	11/21/94			ENG	
MWR 94-3501	C	TWO BOLTS MISSING IN PROTECTIVE GUARD FOR DIESEL GENERATOR. BY INSPECTION, THE MISSING BOLTS DO NOT IMPACT OPERABILITY OF THE GENERATOR. REPLACE BOLTING PER ATTACHED SPECIAL INSTRUCTIONS	11/21/94		12/20/94	MNT-M	
MWR 94-3591	O	ACCUMULATOR FAILURE	12/10/94				
MWR 94-4049	O	INNER DOOR SEAL OF DRYWELL AIRLOCK IS CRACKED. REPLACE INNER AND OUTER DOOR SEALS ON BOTH AIR LOCK DOORS.	11/21/94			MNT-M	
MWR 94-4092	O	EXAMINE PUMPS FOR FREEDOM OF ROTATION. EXAMINE ALL SUMP FLOATS, RODS, AND ASSOCIATED COMPONENTS FOR INTEGRITY AND VERIFY SMOOTH OPERATION. EXAMINE SUMP FOR CLEANLINESS. CLEAN AS REQUIRED. NOTE: WHILE PERFORMING PMT, ENSURE SUMP IS NOT PUMPED BELOW LOW LEVEL FLOAT. IF SO, REFILL TO LOW WITH DEMIN WATER.	11/21/94			MNT-M	
MWR 94-4093	O	EXAMINE PUMPS FOR FREEDOM OF ROTATION. EXAMINE ALL SUMP FLOATS, RODS, AND ASSOCIATED COMPONENTS FOR INTEGRITY AND VERIFY SMOOTH OPERATION. EXAMINE SUMP FOR CLEANLINESS. CLEAN AS REQUIRED. NOTE: WHILE PERFORMING PMT, ENSURE SUMP IS NOT PUMPED BELOW LOW LEVEL FLOAT. IF SO, REFILL TO LOW LEVEL WITH DEMIN WATER.	11/21/94			MNT-M	
MWR 94-4094	O	ENSURE THE OIL LEVEL GAUGE AND OIL FILLER ARE IN THE UPRIGHT POSITION. CHECK PIPING FOR OIL LEAKS AND ENSURE OIL IS AT THE PROPER LEVEL (TOP OF WASHER INSIDE OIL LEVEL GAUGE). PERFORM THIS WORK JUST PRIOR TO DRYWELL CLOSEOUT.	11/21/94			MNT-E	
MWR 94-4145	O	BACKFILL REFERENCE LEG 3B FROM LOW POINT ON RACK 25-6 USING PROCEDURE 14.4.4. BACKFILL FOR 2 HOURS MINIMUM. NOTE PRECAUTIONS LISTED IN PROCEDURE 14.4.4. IMPROPER BACKFILLING MAY CAUSE PROTECTIVE TRIPS, ISOLATIONS, ALARMS, OR DAMAGE TO INSTRUMENTATION.	11/21/94			MNT-I	
MWR 94-4244	C	CORRECT THE NOT FULLY INSERTED LUG DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94		12/23/94	NED	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-4248	C	CORRECT THE NOT FULLY INSERTED LUG DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94		12/20/94	NED	
MWR 94-4249	O	CORRECT THE NOT FULLY INSERTED LUG DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94			NED	
MWR 94-4252	C	CORRECT THE NOT FULLY INSERTED LUG DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94		12/23/94	NED	
MWR 94-4274	O	MWR 94-4208 VERIFIED PROPER OPERATION OF SGT-AOV-DPCV546B AND SGT-LMS- DPCV546B(O). VALVES SGT-AOV-DPCV546A & B APPEAR TO MOVE SLOWLY AFTER SETTING FOR SOME TIME. ENGINEERING EVALUATION FOUND THE OPERATOR MOVES ERRATICALLY AND NEEDS REBUILDING. REBUILD OPERATOR AND RECOMMEND ANY FURTHER CORRECTIVE ACTION.	11/21/94	12/8/94		MNT-M	
MWR 94-4282	C	CORRECT THE NOT FULLY INSERTED DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94		12/20/94	NED	
MWR 94-4283	C	CORRECT THE NOT FULLY INSERTED LUG DISCREPANCY IDENTIFIED BY APA ON THE ATTACHED SHEETS.	11/21/94		12/20/94	NED	
MWR 94-4444	C	ULTRASONIC EXAMINATION OF SW-MOV-MO89B PER ACT NO. XXEN-930549-N-LEB,LER 93-014, AND NCR 93-038 UT EXAM. ARE REQUIRED ON SERVICE WATER THROTTLE VALVE SW-MOV-MO89B BASED ON AN ACCUMULATED IN-SERVICE TIME OF 7 TO 10 DAYS. THE VALVE IS CURRENTLY APPROACHING THIS SERVICE TIME LIMIT AND MUST BE MONITORED FOR WALL THICKNESS. PERFORM UT THICKMESS EXAM. PER SPECIAL INSTRUCTIONS ATTACHED.	11/21/94		12/2/94	ENG	
MWR 94-4490	O	IMPLEMENT DC 90-174B-2 (SERVICE WATER PUMPS GLAND WATER FLOW REQUIREMENTS). NOTE: PACKAGE INCLUDES OSC #1.	11/21/94			MNT-I	
MWR 94-4502	O	THE DRYWELL HAS MISC LOOSE DEBRIS LOCATED ON SUPPORTS, DUCTS, AND GRATING. DEBRIS CONSISTS OF INSULATION, PIECE OF WOOD, BOLTS, INK PENS ETC. REMOVE DEBRIS AND VACUUM AS NECESSARY.	11/21/94			RAD	
MWR 94-4578	O	TO CLOSEOUT AN INPO SER 19-86 CONCERN, DISASSEMBLE VALVE AND INSPECT TO VERIFY THE EXISTENCE OF (1) SET SCREW LOCK (TACK) WELDS ON THE HINGE PIN, (2) DISC COTTER PIN, AND (3) HINGE PIN SUPPORT CAP SCREW TAP WELD. REF DRWG A3950*1743-3 FOR GUIDANCE. SUBMIT CR FOR ANY REPAIRS REQUIRED.	11/21/94			MNT-M	
MWR 94-4715	C	(SN 0-06157) VALVE HAS A VERY SMALL PACKING LEAK. ADJUST PACKING PER SPECIAL INSTRUCTIONS ATTACHED.	11/21/94		1/12/95	MNT-M	
MWR 94-4764	O	VALVE LEAKING AT PACKING GLAND AREA. ADJUST PACKING PER SPECIAL INSTRUCTIONS. SN 0-07009	11/21/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-4850	O	LOW RESISTIVITY VALUES AND RISING ACIDITY INDICATIONS ARE CONDITIONS THAT PROMOTE VARNISHING IN THE TGF SYSTEM WHICH MAY DEGRADE SERVO VALVE OPERATION. DRAIN, FLUSH, AND REPLACE THE DEH FLUID IN THE TGF.	11/21/94			MNT-I	
MWR 94-4855	O	FILTER DOES NOT HAVE FILTER ELEMENT INSTALLED. THIS WAS DONE INTENTIONALLY DUE TO FAST BURNS OCCURRING IN THE OG SYSTEM PRIOR TO ITS MODIFICATION TO PRECLUDE FAST BURNS. INSTALL FILTER. (CNSNO 04591) SYS ENGR TO MARK-UP ATTACHED EDF CHANGE AND INITIATE PCN'S AS NEEDED. SN 0-01714	11/21/94			MNT-UT	
MWR 94-4932	O	PERFORM MOTOR INSPECTION AND INSULATION REISTANCE CHECK.	11/21/94			MNT-E	
MWR 94-4951	C	AT 1FA BREAKER, RELAY 27X-1FA CONTACTS 11 AND 12 SHOW SIGNS OF EXCESSIVE ARCHING. REPLACE RELAY (CNSNO 01951). SN 0-08166	11/21/94		12/16/94	MNT-E	
MWR 94-4965	C	RHR-PI-107D IS MISSING TOP BOLT. REPAIR PER SPECIAL INSTRUCTIONS. SN 0-06130	11/21/94		1/16/95	MNT-I	
MWR 94-4976	C	RHR-PI-108B TOP RIGHT MOUNTING PLATE SCREW IS LOOSE. REPAIR PER SPECIAL INSTRUCTIONS. SN 0-06130	11/21/94		11/26/94	MNT-I	
MWR 94-4988	C	RHR-PS-105B HAS LOOSE NUTS ON ATTACHMENT U-BOLTS. REPAIR PER SPECIAL INSTRUCTIONS. - SN 0-06126.	11/21/94		1/12/95	MNT-I	
MWR 94-4989	C	RHR-PS-105D HAS LOOSE NUTS ON ATTACHMENT U-BOLTS. REPAIR PER SPECIAL INSTRUCTIONS. - SN 0-06126	11/21/94		1/12/95	MNT-I	
MWR 94-4992	C	SW-PS-386D HAS A MISSING BOLT ON BOTTOM OF INSTRUMENT. REPAIR PER SPECIAL INSTRUCTIONS. - SN 0-06646.	11/21/94		11/23/94	MNT-I	
MWR 94-4993	C	SW-PS-386B IS MISSING BOTTOM INSTRUMENT MOUNTING BOLT. REPAIR PER SPECIAL INSTRUCTIONS. - SN 0-06648	11/21/94		11/23/94	MNT-I	
MWR 94-4994	O	REC-V-778 HAS A BODY TO BONNET LEAK. TORQUED BONNET BOLTS ON WI 94-4594. FAILED TO STOP LEAK. REPLACE BONNET GASKET (CNSNO 02969) PER MP 7.2.26.1 - SN 0-07024	11/21/94			MNT-M	
MWR 94-4999	O	VERIFY CORE TOP/BOTTOM PROGRAMMING FOR TIP MACHINE B INDEX POSITION 8 IS CORRECT PRIOR TO STARTUP AND FOLLOWING STARTUP PRIOR TO RUNNING FIRST OD-1. - SN 0-11010	11/21/94			MNT-I	
MWR 94-5036	C	IA-V-1815 HAS PACKING LEAK. FOUND DURING INVESTIGATION UNDER 94-4887. ADJUST GLAND TO STOP LEAKAGE AND, IF NECESSARY, REPLACE VALVE PER SPECIAL INSTRUCTIONS.	11/21/94		12/7/94	MNT-CM	
MWR 94-5064	C	RHR-V-230 HAS A LOOSE BRACKET ATTACHMENT BOLT. RETIGHTEN LOOSE BOLTS PER SPECIAL INSTRUCTIONS. - SN 0-06126	11/21/94		1/6/95	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5124	O	PM 00306 - DISASSEMBLE & INSPECT FOR DAMAGE OR WEAR PER MP 7.2.26.2. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY. (PM 00306)	11/22/94			MNT-P	
MWR 94-5138	O	PM 04681 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-5139	C	PM 04684 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE.	11/22/94		12/13/94	MNT-P	
MWR 94-5140	C	PM 04685 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE.	11/22/94		12/17/94	MNT-P	
MWR 94-5146	C	PM 04932 - REPLACE AMERACE TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 12012. ADJUST PM START DATE PER MFR DATE.	11/22/94		1/13/95	MNT-P	
MWR 94-5183	C	PM 06119 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5184	C	PM 06121 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5185	C	PM 06123 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5186	O	PM 06181 - TEST/CALIBRATE TO VALUES IN E 150 SH 16 PER MP 7.3.7.	11/22/94			MNT-P	
MWR 94-5194	O	PM 07111 - REPLACE FLOW SWITCH PER 14.32.3. RETURN TO WHITTAKER FOR REFURBISHMENT. CONTACT SYS ENG FOR DETAILS.	11/22/94			MNT-P	
MWR 94-5196	O	PM 07133 - REPLACE LOGIC CARD AND CALIBRATE PER SP 6.1.35 (CNSNO 12573). VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.1.35 PRIOR TO REPLACING LOGIC CARD. CALIBRATE PER SP 6.1.35 FOR PMT.	11/22/94			MNT-P	
MWR 94-5197	C	PM 08005 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE	11/22/94		12/17/94	MNT-P	
MWR 94-5198	O	PM 08006 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE	11/22/94			MNT-P	
MWR 94-5199	C	PM 08007 - REPLACE AGASTAT E7012PC TIME DELAY RELAY PER MP 7.3.7 & 7.3.16. CNSNO 04167 - SET RELAY AT 3 SECONDS. ADJUST PM START DATE PER MFR DATE	11/22/94		12/17/94	MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5231	C	DURING INVESTIGATION OF MWR 94-4756 (MS-PS-103D LOOSE CONDUIT FITTINGS) FOUND THAT IMPROPER SIZEING OF CONDUIT AND CONDUIT FITTINGS HAD OCCURED AND CONDUIT COULD NOT BE SECURED. ALSO FOUND THAT A BLACK RTV PUTTY WAS USED TO HOLD CONDUIT IN PLACE. FOUND THIS TO BE TRUE FOR MS-PS-103A B C & D. REPAIR PER ATTACHED SPECIAL INSTRUCTIONS. - SN 0-11284	11/21/94		12/23/94	MNT-I	
MWR 94-5232	C	DURING INVESTIGATION OF MWR 94-4756 (MS-PS-103D LOOSE CONDUIT FITTINGS) FOUND THAT IMPROPER SIZEING OF CONDUIT AND CONDUIT FITTINGS HAD OCCURED AND CONDUIT COULD NOT BE SECURED. ALSO FOUND THAT A BLACK RTV PUTTY WAS USED TO HOLD CONDUIT IN PLACE. FOUND THIS TO BE TRUE FOR MS-PS-103A B C & D. REPAIR PER ATTACHED SPECIAL INSTRUCTIONS. - SN 0-11284	11/21/94		12/23/94	MNT-I	
MWR 94-5233	C	TEST RHR-REL-K84B PER SPECIAL INSTRUCTIONS AND MP 7.3.7. REF CR 94-0745. - SN 0-10051	11/21/94		1/16/95	MNT-E	
MWR 94-5256	O	PM 02822 - CHANGE GREASE IN PNEUMATIC POSITIONER GEAR CASE. LUBRICATE POSITIONER BYPASS VALVE. CALIBRATE.	11/22/94			MNT-P	
MWR 94-5263	O	PERFORM OPERATING IST TORQUE TEST FOR SUBJECT VALVES IN ACCORDANCE WITH SP 6.3.10.26.	11/21/94			MNT-M	
MWR 94-5267	O	SP 6.3.16.5 - REC-CV-16CV RADIOGRAPHY CLOSURE TEST	11/19/94			OPS	
MWR 94-5272	C	PM 07584 - TEST - CALIBRATE TO VALUES IN E150 SH16 PER MP 7.3.7.	11/22/94		12/17/94	MNT-P	
MWR 94-5275	C	PM 07938 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5276	C	PM 07939 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5277	C	PM 07940 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5278	C	PM 07941 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5279	C	PM 07942 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5280	C	PM 07943 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/5/94	MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5281	C	PM 07944 - REPLACE AGASTAT RELAY PER MP 7.3.16, AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/26/94	MNT-P	
MWR 94-5282	C	PM 07945 - REPLACE AGASTAT RELAY PER MP 7.3.16, AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/27/94	MNT-P	
MWR 94-5283	C	PM 07946 - REPLACE AGASTAT RELAY PER MP 7.3.16, AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/27/94	MNT-P	
MWR 94-5284	C	PM 07947 - REPLACE AGASTAT RELAY PER MP 7.3.16, AGASTAT MODEL EGPI (CNSNO 08838), ADJUST PM START DATE PER MFR DATE.	11/22/94		12/23/94	MNT-P	
MWR 94-5351	C	THERE IS A LARGE AMOUNT OF AIR LEAKING FROM BLUE PORT ON VALVE ON SGT-DPCV-546B. DETERMINE CAUSE RECOMMEND CORRECTIVE ACTION, IF THIS IS AN ACTUAL PROBLEM. ALSO DETERMINE CORRECT NOMECLATURE FOR COMPONENT AND HAVE CORRECT CIC ASSIGNED FOR PROPER IDENTIFICATION. - SN 0-11348 (SEE CR 94-0535)	11/21/94		12/3/94	MNT-I	
MWR 94-5416	C	PM 07116 - REPLACE METAL OXIDE VARISTORS PER 14.32.3.	11/22/94		1/13/95	MNT-P	
MWR 94-5420	C	PM 08112 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5421	C	PM 08113 - CLEAN AND INSPECT RELAY.	11/22/94		1/4/95	MNT-P	
MWR 94-5422	C	PM 08114 - CLEAN AND INSPECT RELAY.	11/22/94		1/15/95	MNT-P	
MWR 94-5423	C	PM 08115 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5424	C	PM 08116 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5425	C	PM 08117 - CLEAN AND INSPECT RELAY.	11/22/94		1/15/95	MNT-P	
MWR 94-5426	O	PM 08118 - CLEAN AND INSPECT RELAY.	11/22/94			MNT-P	
MWR 94-5427	C	PM 08119 - CLEAN AND INSPECT RELAY.	11/22/94		1/12/95	MNT-P	
MWR 94-5428	O	PM 08120 - CLEAN AND INSPECT RELAY.	11/22/94			MNT-P	
MWR 94-5446	O	HANDWHEEL NUT IS MISSING AND VALVE IS LEAKING. REPAIR OR REPLACE VALVE. IF REPAIRED, ENSURE HANDWHEEL NUT IS SECURELY TIGHTENED AT REASSEMBLY.	11/21/94			MNT-M	
MWR 94-5457	O	CONTROL ROD 26-11 ROD DRIFT ALARM IN. ROD FULL IN LIGHT IS ON. ROD POSITION IS BLANK (-99 OR RPIS(PMIS)). POSITION INDICATION RETURNED AFTER APPROX. FIVE MINUTES AND ROD DRIFT RESET. DETERMINE CAUSE IF RPIS PROBE CONNECTOR IS THE PROBLEM RESEAT CONNECTOR OR REPLACE PROBE PER 14.11.1. RECOMMEND FURTHER CORRECTIVE ACTION IF NEEDED.	11/21/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5458	O	ROD DRIFT ALARM RECEIVED FOR ROD 06-11. SELECTED ROD AT "00". WENT BLANK ON 4 ROD DISPLAY. FULL-IN GREEN LIGHT REMAINED LIT MONITORED ROD POSITION ON PMIS "RPIS" DISPLAYED "-99". ROD POSITION DISPLAY WENT TO "00" ON RPIS AND ROD DRIFT ALARM RESET. DETERMINE CAUSE IF RPIS PROBE IS THE PROBLEM RESEAT CONNECTOR OR REPLACE PROBE PER 14.14.1. RECOMMEND CORRECTIVE ACTION IF NEEDED.	11/21/94			MNT-I	
MWR 94-5578	O	DUE TO BROKEN WIRE INSULATION DISCOVERED DURING CR 94-0630 ACTION ITEM 1 INVESTIGATION, SOME SPARE STEAM LEAK DETECTION SWITCHES NEED TO BE REPLACED. REPLACE SPARE SWITCHES WITH NEW WH SPARES. CALIBRATE NEW SWITCHES PER SP 6.2.1.6.2 (REF CR 0-08834 SETPOINT CHANGES) SPARE SWITCHES SN'S 1767, 1574, 1755, 1760, 1728, 1779, 1428, 1715. - SN 0-09752	11/21/94			MNT-I	
MWR 94-5582	O	IMPLEMENT SETPOINT CHANGES 93-47, 93-48, 93-49, 93-50, 93-51, 93-52 & 93-53 (COPIES ATTACHED). REF PROCEDURE 6.2.1.6.2. - SN 0-08834	11/21/94			MNT-I	
MWR 94-5583	O	DURING INVEST. ON CR 94-0630, IT WAS DISCOVERED THAT MANY WIRE LUGS ON SPARE STM LEAK DETECTION SW'S WERE UNSAT. CRIMPED. INSPECT ALL SPARE SLD SW'S, RE-LUG AS NECESSARY. INSTALL ALL SPARE SLD SW'S IN FIELD PER SP 6.2.1.6.1. INSPECT & RELUG FIELD WIRING AS NECESSARY. PERFORM SP 6.2.1.6.2 ON SLD SWITCHES REMOVED FROM FIELD. VERIFY SETPOINT CHANGES ARE MADE TO SP 6.2.1.6.2, REF CR 08834. - SN 0-09744	11/21/94			MNT-I	
MWR 94-5584	C	PM 02823 - CHANGE GREASE IN PNEUMATIC POSITIONER GEAR CASE. LUBRICATE POSITIONER BYPASS VALVE. CALIBRATE.	11/22/94		1/12/95	MNT-P	
MWR 94-5601	D	RECORD TYPE AND IDENTIFIABLE MARKINGS OF CAPACITORS ON TGC CARDS LISTED ON THE ATTACHMENTS. CHECK CARDS IN WAREHOUSE ONLY. CONTACT SYS ENG B RITCHIE WHEN STARTING WORK.	11/21/94			ENG	
MWR 94-5620	C	PILOT VALVE IS BLOWING AIR AT DIAPHRAGM JOINT. REBUILD OR REPLACE SOLENOID PILOT VALVE PER MP 7.2.49.5. CR 0-09021	11/21/94		1/11/95	MNT-M	
MWR 94-5621	D	LIMITORQUE MAY HAVE BEEN DAMAGED BY A LOCKED ROTOR MOTOR STALL EVENT THAT BURNED UP THE MOTOR AS DOCUMENTED IN MWR 89-2708. INSPECT/REFURBISH THE ACTUATOR PER 7.2.50.8. CR 0-06874	11/21/94			MNT-M;E	
MWR 94-5623	O	VALVE EXPERIENCED A FULL CLOSURE LOCKED ROTOR MOTOR STALL EVENT WHCIH MAY HAVE EXCEEDED THE STEM CLAMP AND CLAMP KEY ALLOWABLE LIMITS. INSPECT STEM CLAMP, KEYS, AND KEYWAYS PER MP 7.2.26.8.	11/21/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5623	O	SN 1-00729 - ANTI-ROTATION CLAMP ON CS-MOV-M026B IS RUBBING ON VALVE YOKE VERY HARD CAUSING CLAMP TO BE IN A BIND.	11/29/94			MNT	
MWR 94-5632	C	REC-MOV-709MV EXPERIENCED SEVERAL LOCKED ROTOR MOTOR STALL EVENTS WHICH MAY HAVE EXCEEDED THE MOTOR ACTUATOR'S SURVIVABLE LIMITS AND DAMAGED THE ACTUATOR. INSPECT/REFURBISH THE ACTUATOR PER 7.2.50.3. - SN 0-06875	11/21/94		1/2/95	MNT-M	
MWR 94-5633	C	UPON INSPECTION FOR LEAKS AFTER THE START OF 'D' RHR PUMP DURING SP 6.3.5.5, WATER WAS FOUND AROUND BASE OF ADJUSTING CAP FOR RHR-RV-13RV. - SN 0-09104	11/21/94		1/2/95	ENG	
MWR 94-5635	O	SW-MOV-MO89 EXPERIENCED A LOCKED ROTOR MOTOR STALL EVENT DURING RE15 WHICH MAY HAVE DAMAGED THE GEAR TRAIN IN THE ACTUATOR. DISASSEMBLE & INSPECT THE GEAR TRAIN, REPLACING PARTS AS NECESSARY. MP 7.2.50.11. ALSO, REMOVE STEM CLAMP & INSPECT THE STEM CLAMP KEYWAYS & KEYS FOR DEFORMATION PER 7.2.26.8. (ADD BELTS). - SN 0-06856	11/21/94			MNT-M	
MWR 94-5678	C	7 RIGHT UPPER BOLT DOG ON VALVE COVER IS STRIPPED. WELD UP AND RE-TAP FOR BOLT OF ORIGINAL SIZE AND THREAD PITCH. COORDINATE REMOVAL AND INSTALLATION WITH INSPECTION PERFORMED UNDER MP 7.2.53.1.	11/21/94		12/26/94	MNT-W	
MWR 94-5690	O	REMOVE AND INSPECT SELECTED FUSES, AS DESCRIBED IN SPECIAL INSTRUCTION, IN HPCI SYS LOGIC AND POWER SUPPLY CIRCIUTS. INSPECT FOR PROPER FUSE RATING, TYPE AND MFR. NRC SET MEMBER P. ESELGRATH TO WITNESS INSPECTION.	11/21/94			MNT-E	
MWR 94-5727	D	RHR-MO-MO15D MAY HAVE BEEN DAMAGED BY A LOCKED ROTOR MOTOR STALL EVENT THAT BURNED UP THE MOTOR AS DOCUMENTED IN WORK ITEM 90-1756. INSPECT/REFURBISH ACTUATOR PER IAW MP 7.2.50.8. SN 0-08982	11/21/94			MNT-M	
MWR 94-5728	C	RHR-MO-MO38B MAY HAVE BEEN DAMAGED BY A STALL EVENT DESCRIBED IN MWR 91-3205 IN WHICH THE VALVE OVERLOAD ALARM INTITATED TWICE. INSPECT/REFURBISH ACTUATOR PER IAW MP 7.2.50.8. SN 0-06869	11/21/94		1/10/95	MNT-M	
MWR 94-5734	C	CONTROL POWER FUSE IN STARTER FOR HPCI-MOV-MO15 APPEARS TO BE PHYSICALLY DAMAGED. REPLACE FUSE WITH A LIKE FUSE. (BUSS BAF-3). DO NOT REPLACE FUSE UNTIL AFTER FUSE WALKDOWN BY SYS ENG AND NRC. PRIOR TO CLOSING CUBICLE, DOCUMENT CONDITION OF CUBICLE & VERIFY CLEANLINESS AS NECESSARY. - SN 0-10821	11/21/94		12/13/94	MNT-E	
MWR 94-5736	C	BACKFILL NBI REFERENCE LEG 3A. PERFORM APPLICABLE SECTIONS OF 14.4.3. - SN 0-10829	11/21/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5737	O	BACKFILL NBI REFERENCE LEG 3B. PERFORM APPLICABLE STEPS OF 14.4.3. - SN 0-10829	11/21/94			MNT-I	
MWR 94-5739	C	NORMAL RANGE KAMAN DETECTORS SHOULD BE INSERTED 2 1/4". CHANNEL 2 HIGH RANGE DETECTORS NEED TO BE POINTING UP AND FLUSH WITH MOUNT BOLTS. HIGH RANGE GM TUBE DETECTORS NEED TO HAVE GM TUBE POSITION CHECKED. PERFORM PER SPECIAL INSTRUCTIONS. - SN 0-09776	11/21/94		12/29/94	MNT-I	
MWR 94-5741	C	NORMAL RANGE KAMAN DETECTORS SHOULD BE INSERTED 2 1/4". CHANNEL 2 HIGH RANGE DETECTORS NEED TO BE POINTING UP AND FLUSH WITH MOUNT BOLT. HIGH RANGE GM TUBE DETECTORS NEED TO HAVE GM TUBE POSITION CHECKED. PERFORM PER SPECIAL INSTRUCTIONS. - SN 0-09776	11/21/94		12/17/94	MNT-I	
MWR 94-5742	C	NORMAL RANGE KAMAN DETECTORS SHOULD BE INSERTED 2 1/4". CHANNEL 2 HIGH RANGE DETECTORS NEED TO BE POINTING UP AND FLUSH WITH MOUNT BOLT. HIGH RANGE GM TUBE DETECTORS NEED TO HAVE GM TUBE POSITION CHECKED. PERFORM PER SPECIAL INSTRUCTIONS. - SN 0-09776	11/21/94		12/17/94	MNT-I	
MWR 94-5749	O	PERFORM CONTROL ROOM EMERGENCY BYPASS FAN UPGRADE PER DC93-257.	12/5/94				
MWR 94-5750	C	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR 94-709.	11/21/94		12/16/94	MNT-E	
MWR 94-5751	C	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR 94-709.	11/21/94		12/16/94	MNT-E	
MWR 94-5753	C	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR CR 94-709.	11/21/94		12/16/94	MNT-E	
MWR 94-5755	C	VERIFY +/- 15 VDC FUSES REPLACED UNDER MWR 93-2221 ON 6/1/93 ON PC-SC-2A ARE THE SAME SIZE, AS CALLED OUT BY VENDOR MANUAL - SN 0-10361.	11/21/94		12/5/94	MNT-P	
MWR 94-5756	C	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR CR 94-709.	11/21/94		12/26/94	MNT-E	
MWR 94-5757	C	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR CR 94-709.	11/21/94		12/26/94	MNT-E	
MWR 94-5776	C	COOPER BESSMER SERVICE NEWS BULLETIN 616 DOCUMENTS THE PROPER TORQUE FOR THE CAP SCREWS THAT ATTACH THE DELIVERY VALVE HOLDER FLANGE IS 47 TO 53 FT LBS. ONE PUMP'S DELIVERY VALVE FLANGE ON DG-D-2 WAS TORQUED TO 30-35 FT. LBS. NO LEAKAGE HAS BEEN NOTED ON ANY DELIVERY VALVE HOLDERS. CHECK TORQUE OF INSTALLED FUEL INJECTION PUMPS.	11/21/94		1/2/95	MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5781	D	"C" COND BOOSTER PUMP LUBE OIL HEAT EXCHANGER IS NOT MOUNTED TO BEDPLATE. ALL FOUR MOUNTING BOLTS ARE MISSING. REMOVE PAINT FROM HX MOUNTS BEDPLATE AREA. CLEAN/CHASE BOLT HOLE THREADS. ADJUST HX MOUNTING CLAMPS. INSTALL FOUR NEW MOUNTING BOLTS AND WRENCH TIGHTEN.	11/21/94		11/25/94	MNT-M	
MWR 94-5783	O	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR CR 94-709.	11/21/94			MNT-E	
MWR 94-5785	O	REPLACE EGP RELAY PER MP 7.3.24.1 ATTACHED. CORRECTIVE ACTION FOR CR 94-709.	11/21/94			MNT-E	
MWR 94-5805	C	OG-AO-254AV INDICATES INTERMEDIATE. VALVE WENT CLOSED DURING OG RAD MONITOR SP 6.3.7.2.3. PMIS POINT N881 SAYS VALVE IS OPEN. IT SHOULD HAVE REOPENED WHEN ISOLATION CONDITION CLEARED. ADJUST LIMIT SWITCHES AS NEEDED FOR PROPER OPERATION AND INDICATION. - SN 1-00968	11/21/94		12/7/94	MNT-E	
MWR 94-5838	C	WHILE PURGING GENERATOR HYDROGEN WITH CO2, LOCALLY INDICATED 95% CO2 AND PMIS POINT G002 INDICATED 0.7% HYDROGEN. H2-I-1 INDICATED 87% CO2 AND ERRATIC (BELIEVE HAD SIMILIAR PROBLEMS LAST TIME PURGED THE GENERATOR). PERFORM I&C PROC 14.5.1 - SN 1-00980	11/21/94		12/9/94	MNT-I	
MWR 94-5866	O	IRM 'B' IS SPIKING OCCASIONALLY AS SHOWN BY BLACK PEN ON NM-NR-46B. SPIKES HAVE BEEN OF A MAGNITUDE OF 3/40 ON RANGE 1. NO WELDING OR UNDER VESSEL WORK IS IN PROGRESS. INVESTIGATE AND RECOMMEND CORRECTIVE ACTION. REF WI 94-5456. - SN 1-01006	11/21/94			MNT-I	
MWR 94-5869	C	PROVIDE SUPPORT TO NED CIVIL ENGIN AS THEY PERFORM WALKDOWNS OF THE ATTACHED LIST OF ESSENT & EQ AGASTAT TIME DELAY RELAYS FOR THE PURPOSE OF GATHERING "AS INSTALLED" MOUNTING DATA FOR SEISMIC EVALUATIONS. CONTACT TOM TAYLOR TO CO-ORD WORK. NOTIFY SS BEFORE OPENING PANELS, CABINETS, MCC'S, BREAKER CUBICLES, ETC. - SN 0-07683	11/21/94		12/17/94	MNT-E	
MWR 94-5877	O	APRM 'A' IS MISSING BACK AND FRONT COVER SCREWS. REPLACE PER SPECIAL INSTRUCTIONS. - SN 0-02686	11/21/94			MNT-I	
MWR 94-5889	C	125 VDC BUS 'A' HAS A POSITIVE GROUND AS INDICATED BY LIGHT CHECK. DETERMINE CAUSE AND RECOMMEND CORRECTIVE ACTION. - SN 0-08634	11/21/94		12/28/94	ENG	
MWR 94-5906	C	KAMAN DETECTORS ARE CALIBRATED INCORRECTLY. PER THE ATTACHED REPORT THE PLANCHET SHOULD NOT BE ON THE SOURCE WHEN PLACED IN THE FIELD CALIBRATION UNIT (PAGE 3). PERFORM CALIB PER SP 6.4.6.5.1. SN 1-04223	11/21/94		12/17/94	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-5907	C	KAMAN DETECTORS ARE CALIBRATED INCORRECTLY. PER THE ATTACHED REPORT THE PLANCHET SHOULD NOT BE ON THE SOURCE WHEN PLACED IN THE FIELD CALIBRATION UNIT (PAGE 3). PERFORM CALIB PER SP 6.3.7.8.1. SN 1-04223	11/21/94		12/29/94	MNT-I	
MWR 94-5908	C	PERFORM SP 6.4.6.4.1 (APP PORTIONS) TO DETERMINE WHICH GM TUBES ARE DEFECTIVE AND REPLACE GM TUBES AND/OR DETECTORS AS NECESSARY. SN 1-04224	11/21/94		12/18/94	MNT-I	
MWR 94-5920	C	VALVE WAS REMOVED, THEN REINSTALLED UNDER MWR 93-1467 AS A SPARE WAS NOT AVAILABLE. REPLACE VALVE (CNSNO 26793) AS REQUIRED. - SN 1-00301	11/21/94		12/23/94	MNT-W	
MWR 94-5924	O	RHR-RV-15RV HAS A NON-ESSENTIAL SPRING INSTALLED IN AN ESSENTIAL APPLICATION. REMOVE AND OBTAIN AS-FOUND PER MP 7.2.35. DISASSEMBLE AND INSPECT VALVE INTERNALS PER MP 7.2.35.1. VALVE WILL BE REPLACED (RCE 94-054) ON SEPARATE WI - COORDINATE WORK WITH WI'S 94-5925 & 94-5926. - SN 0-10214	11/21/94			MNT-M	
MWR 94-5925	O	PRE-FAB CNSNO 23421 (SN TJ-13138) TO FACILITATE INSTALLATION (RCE 94-054) PER SPEC INST AND WCL. INFORM SYS ENG 24 HOURS PRIOR TO 7.0.8'S TO CONTACT KURT SALTZMAN (ANI) WHO'S PRESENCE IS REQUIRED DURING TESTING. PERFORM 7.0.8'S. TEST RV PER 7.2.35. COORDINATE WORK WITH WI'S 94-5924 & 94-5926. SN 0-10214	11/21/94			MNT-M	
MWR 94-5926	O	INSTALL RELIEF VALVE SPARE FABRICATED IN WI 94-4925 PER MP 7.2.35 AND TEST AS REQURIED. - SN 0-10214	11/21/94			MNT-M	
MWR 94-5942	O	WHILE PERFORMING 14.7.7 (MAIN TURBINE FLUSH) STEP 8.10.8 (REMOVAL OF TEST SOLENOIDS), FOUND TGF-SOV-(BV-1) WITH DAMAGED WIRE INSULATION. CRIMP ON NEW LUGS. REPLACE TEST SOLENOID WITH WAREHOUSE SPARE (CNSNO 05422). RETURN TO SERVICE. PERFORM PMT BY LIFTING LEAD OM HS0188N TERMINAL 5 TO DEENERGIZE SOLENOID. RELAN LEAD ON HS0188N TERMINAL 5 TO ENERGIZE SOLENOID. REFERENCE MP 7.3.28.1. SN 1-04213	11/21/94			ENG	
MWR 94-5948	O	VALVE IS LEAKING BY SEAT. REMOVE, TEST, REPAIR AND REINSTALL AS PER 7.2.35 & 7.2.35.1 - SN 0-09163	11/21/94			MNT-M	
MWR 94-5972	C	DG1 CYLINDER EXHAUST TEMP SELECTOR SWITCH HAS DIRTY CONTACTS CAUSING POSSIBLE ERRONEOUS INDICATIONS. CLEAN SWITCH. IF SWITCH NEEDS TO BE REPLACED, WRITE A NEW CR.	11/21/94		12/26/94	MNT-I	
MWR 94-5973	C	FILTER HAS LARGE LEAK WHERE BOLTED CONNECTION MEETS PIPING. LEAKAGE WAS APPROX 5 GPM. REPAIR AND UPDATE EDF. SN 1-01047	11/21/94		1/4/95	MNT-M	
MWR 94-5992	O	TGF-SOV-BV2 NEEDS RE-LUGGED. RELUG PER 7.3.28.1 SECTION 8.3, USE READ #8 SNAP LOCK SPADE LUG. - SN 1-04243	11/21/94			ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6016	C	PERFORM MODIFICATIONS SPECIFIED BY DC 94-272. REMOVAL AND CLOSE-OUT OF PTM 93-033 SHOULD BE INCLUDED IN THIS DC. SN 1-02396	11/21/94		12/23/94	CM	
MWR 94-6028	C	DG1 LUBE OIL STRAINER LEAKS PAST PACKING OR SEAL AT ROTATION HANDLE. REPLACE STRAINER PACKING PER SPECIAL INSTRUCTIONS. SN 1-00003	11/21/94		1/15/95	MNT-M	
MWR 94-6034	D	PERFORM MODIFICATIONS SPECIFIED BY DC 94-267.	11/21/94			MNT-CM	
MWR 94-6035	O	PERFORM MODIFICATIONS SPECIFIED BY DC 94-268. SN 1-02398	11/21/94			CM	
MWR 94-6041	C	THE AIR OPERATOR (SGT-AO-543A) FOR THE VORTEX DAMPER (SGT-VD-543A) HAS PIN HALF WAY ENGAGED IN THE LINKAGE TO THE VORTEX DAMPER. THIS PIN SHOULD BE FULLY ENGAGED. REINSERT THE CLEVIS PIN FULLY & TORQUE THE CLEVIS PIN SETSCREW TO 15 IN LBS PER SPECIAL INSTRUCTIONS. SN 1-02011	11/21/94		12/26/94	MNT-M	
MWR 94-6068	O	PTM 93-47 INSTALLED A 1" - 8 SPECIAL CAPNUT AND SEALANT INJECTION VALVE, PUMPED THE MANWAY FLANGE WITH FERMANITE AND SECURED THE LEAK. REPAIR MANWAY AS NEEDED. BLUE CHECK AND INSTALL NEW GASKET. REMOVE SPECIAL NUT AND CLOSE PTM. (REF MWR 93-3113) PER SYSTEM ENGINEERS DIRECTION. (REF ATTACHED INFO COPY OF MDC 84-242.) SN 0-10787	11/21/94			MNT-W	
MWR 94-6069	O	"D" TIP MACHINE FAILED SP 6.4.8.5 (STEP 8.5.4). WITH THE MANUAL SWITCH IN FWD TIP DID NOT INDICATE ANY MOVEMENT AND IN-SHIED LIGHT REMAINED ON. HAD STATION OPERATOR VERIFY FEEDER BREAKER TO "D" TIP MACHINE. HE SAID BREAKER INDICATED CLOSED (LIGHTING PANEL LPREMG, BREAKER #22). ALL OTHER INDICATIONS AT TIP DRIVE UNIT ARE NORMAL. DETERMINE CAUSE AND RECOMMEND CORRECTIVE ACTION. SN 1-01098	11/21/94			MNT-I	
MWR 94-6076	O	4160 VAC 'G' SWGR RM GROUND PANEL NEEDS A LIGHT SOCKET REPLACEMENT FOR MCC-RA GROUND INDICATING LAMP. FOUND ONE LIGHT LIT NORMALLY AND THE OTHER OUT. CHECKED FOR BURNED OUT LIGHT BULB AND FOUND IT TO BE GOOD. WHEN REPLACED IT, IT ALMOST WENT INTO THE PANEL. REPAIR OR REPLACE LAMP SOCKET AS NEEDED. SN 0-09149	11/21/94			ENG	
MWR 94-6097	C	PERFORM STP94-334 TO CONFIRM THE ACCURACY OF FLOW ELEMENTS RHR-FE-108A1B. SN 1-00497	11/21/94		1/8/95	MNT-I	
MWR 94-6103	D	DURING PERFORMANCE OF MWR 94-4259, OIL WAS NOTED ON ROTOR CONTACTS AND TORQUE SWITCH. OIL APPEARS TO BE COMING FROM GREASE-LIQUID SEPARATION FROM SPARE GEAR TRAIN OF GEAR CARTRIDGE, ALTHOUGH CONTACTS WERE CLEANED & BURNISHED & THE ACTUATOR COMPONENTS WERE CLEANED & DRIED. PERFORM MP 7.3.32 ON MS-MO-MO77. SN 0-06238	11/28/94		12/2/94	MNT-E	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6119	O	PM 07147 - TEST RELAY K-3 PER MP 7.3.1.6. PERFORM IN CONJUNCTION WITH PM 00228.	11/22/94			MNT-E	
MWR 94-6122	O	TEST AND SET IF NECESSARY THE K-3 RELAY PER MP 7.3.1.6. PERFORM IN CONJUNCTION WITH PM 00231.	11/21/94			ENG	
MWR 94-6171	O	DUE TO GOV VLV STEM BINDING CONCERNS IDENTIFIED IN NRC IN 94-66, CHECK RCIC GOV VLV FOR FREEDOM OF MOVEMENT. REMOVE GOV VLV PACKING DRN LINE & INSPECT VLV STEM FOR CORROSION & PITTING. CHECK GOV VLV STROKE IS WITHIN VENDOR RECOMMENDED LIMITS. CONTACT SYS ENG FOR FURTHER DETAILS. INSPECT THE RCIC TU GOV VLV AS PER THE SPECIAL INSTRUCTIONS TO ADDRESS THE CONCERNS OF IN 94-66. SN 1-01180	11/21/94			MNT-M	
MWR 94-6180	C	CORE SPRAY 'A' BREAK DETECTION ALARM IS ALARMING BELOW SETPOINT. CHECK CAL PER 6.2.2.4.5. SN 1-02902	11/21/94		12/26/94	MNT-I	
MWR 94-6182	C	RHR-AOV-LCV71B AIR OPERATOR IS LOOSE WHERE ITS MOUNTED TO VALVE BONNET. THE AIR OPERATOR APPEARS TO BE HELD ONTO THE BONNET BY 4 SET SCREWS. POSITION AND WRENCH TIGHTEN THE YOKE TO BONNET SET SCREWS EVENLY IN A CRISS-CROSS PATTERN. (REF V-MAN 0260 PAGE 9 STEP 2.). SN 1-02871	11/25/94		1/7/95	MNT-M	
MWR 94-6183	C	WHILE PERFORMING DC 94-326 ACCEPTANCE TESTING CONTROL ROOM VENT MONITOR PARTICULATE CHANNEL TRIPS WHEN PLACING OFF-KEYPAD-ON SWITCH TO KEYPAD POSITION. DESIGN ENGINEER RECOMMENDS REPLACEMENT OF KEYPAD READOUT MODULE. RECOMMEND FURTHER CORRECTIVE ACTION IF REQUIRED. SN 1-02981	11/25/94		12/29/94	MNT-I	
MWR 94-6243	D	PM 08231 - TEST RELAY PER MP 7.3.1.12 AND SP 6.2.2.1.9. DIV II	1/7/95			MNT-P	
MWR 94-6258	C	PM 08246 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12 DIV II.	11/22/94		1/8/95	MNT-P	
MWR 94-6259	C	PM 08247 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32 DIV II.	11/22/94		1/10/95	MNT-P	
MWR 94-6260	C	PM 08248 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32 DIV II.	11/22/94		1/4/95	MNT-P	
MWR 94-6261	C	PM 08249 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12 DIV II.	11/22/94		1/4/95	MNT-P	
MWR 94-6262	C	PM 08250 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32 DIV II	11/22/94		1/5/95	MNT-P	
MWR 94-6263	C	PM 08251 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12 DIV II	11/22/94		1/4/95	MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6277	O	WHILE PERFORMING SP 6.4.12 OBSERVED ROD 43-31 (FORTY THREE-THIRTY ONE) POSITIONS 10, 11, 14, 15 & 18 WERE BLANK. CLEAN AND RESEAT RPIS PROBE CONNECTOR. IF NECESSARY REPLACE RPIS PROBE IN ACCORDANCE WITH IAC PROCEDURE 14.14.1. DOCUMENT ALL ACTIONS TAKEN. SN 1-02900	11/25/94			MNT-I	
MWR 94-6278	O	WHILE PERFORMING SP 6.4.1.2 OBSERVED ROD 34-51 POSITIONS 7, 17, 27, 37 & 47 WERE BLANK. CLEAN AND RESEAT RPIS PROBE CONNECTOR. IF NECESSARY REPLACE RPIS PROBE IN ACCORDANCE WITH IAC PROCEDURE 14.14.1. DOCUMENT ALL ACTIONS TAKEN. SN 1-02903	11/25/94			MNT-I	
MWR 94-6279	O	WHILE PERFORMING SP 6.4.1.2 OBSERVED ROD 34-23 (THIRY FOUR-TWENTY THREE) POSITIONS 7, 8 & 9 WERE BLANK. CLEAN AND RESEAT RPSI PROBE CONNECTOR. IF NECESSARY, REPLACE RPIS PROBE IN ACCORDANCE WITH IAC PROCEDURE 14.14.1. DOCUMENT ALL ACTIONS TAKEN. SN 1-02855	11/25/94			MNT-I	
MWR 94-6279	O	SN 1-04827 - RECEIVING OCCASIONAL ROD DRIFT ALARMS ON ROD 34-23, 00 INDICATION INTERMITTENT	11/29/94			MNT	
MWR 94-6284	O	DG1 MUFFLER BYPASS VALVE CURRENTLY INSTALLED IS NON-ESSENTIAL. REPLACE MUFFLER BYPASS VALVE PER SPECIAL INSTRUCTIONS DIV I. THE REPLACEMENT EQUIPMENT IS NOT IDENTICAL TO THE EXISTING EQUIPMENT; THUS AN RCE IS NEEDED.	12/10/94			ENG	
MWR 94-6285	C	PERFORM DC 94-262 TO INSTALL SMOKE/FIRE DAMPERS IN CONTROL ROOM FLOOR OPENING INTO CABLE SPREADING ROOM.	11/25/94		1/13/95	MNT-CM	
MWR 94-6286	C	RELAY K2B IN PANEL COIL NEEDS REPLACED. REPLACE RELAY PER MP 7.3.16. SN 1-04209	11/25/94		12/26/94	MNT-E	
MWR 94-6288	O	CHECK VALVE IS STUCK OPEN, NOT ALLOWING OTHER PUMPS TO ADEQUATELY PUMP DOWN COLLECTOR TANK. REPAIR THE CHECK VALVE AS PER 7.2.26.2. NON DIVISIONIAL - SN 1-02944	11/25/94			MNT-M	
MWR 94-6289	C	VALVE IS STICKING IN POSITION AND DOES NOT TRAVEL FULL SROKE. PERFORM CAL PER 14.13.6 - REF WI 94-2848 NON-DIVISIONAL - SN 1-02943	11/25/94		12/20/94	MNT-I	
MWR 94-6290	C	RHR-PI-107A IS MISSING ONE MOUNTING SCREW ON IR 25-59. REPAIR PER ATTACHED SPECIAL INSTRUCTIONS. NON-DIVISIONAL - SN 1-02872	11/25/94		1/12/95	MNT-I	
MWR 94-6294	O	FINGER ASSEMBLY AND ROTOR CONTACTS DO NOT ALIGN PROPERLY. REMOVE AND REPLACE UPPER FINGER BASE ASSEMBLY AND LOWER LIMIT SWITCH GEAR ASSEMBLY DURING PERFORMANCE OF MP 7.3.32. USE MP 7.3.33 TO UNWIRE AND TERMINATE FINGER BASE. ADJUST LIMITS USING MP 7.3.	11/25/94			ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6309	O	SPRING CAN ON SUPPORT CS-H2 HAS ITS LOAD SCALE PAINTED OVER SUCH THAT SATISFACTORY UT 3/4 EXAMINATION PER MP 7.2.57 IS NOT POSSIBLE. CONTACT FRED SCHIZAS AT EXT 5312 PRIOR TO PERFORMING WORK. REMOVE THE PAINT FROM THE PIPE SUPPORT LOAD SCALE USING BIX PAI	11/25/94			MNT-UT	
MWR 94-6316	C	EXAMINE ESSENTIAL CR 120A RELAY MS-REL-52XCP PER SPECIAL INSTRUCTIONS. RECOMMENDATION OF GH SIL229, S1. THIS IS THE ONLY "E" CR120A RELAY IDENTIFIED THAT IS NOT PERIODICALLY REPLACED. DIV 8. SN-0-04740.	11/25/94		12/18/94	ENG	
MWR 94-6318	C	SPRING CAN ON SUPPORT RH-H16 HAS ITS LOAD SCALES PAINTED OVER SUCH THAT SATISFACTORY UT 3/4 EXMAINATION PER MP 7.2.57 IS NOT POSSIBLE. CONTACT FRED SCHIZAS AT EXT 5312 PRIOR TO PERFORMING WORK. REMOVE THE PAINT FROM THE PIPE SUPPORT LOAD SCALE USING BIX P	11/25/94		1/12/95	MNT-UT	
MWR 94-6322	C	AGASTAT RELAYS HAVE 2 SCREWS MOUNTING BRACKET TO PANEL. AGASTAT RELAYS MUST HAVE 4 SCREWS TO QUALIFY AS SEISMIC MOUNTING. RELAYS ARE IDENTIFIED WITH DYMO TAPE LABELS. INSTALL SCREWS AND NEW CIC TAGS PER ATTACHED SPECIAL INSTRUCTIONS. SN 0-11266	11/25/94		12/3/94	MNT-E	
MWR 94-6332	C	WHILE PERFORMING SP 6.1.2 (IRM FUNCTIONAL TEST) STEP 8.1.16 FOR IRM E, UPSCALE ALARM AND DOWNSCALE ALARM, CAME IN. IRM INDICATED DOWNSCALE. INVESTIGATE AND RECOMMEND CORRECTIVE ACTION.	11/21/94		12/13/94	MNT-I	
MWR 94-6352	C	POSSIBLE CONTAMINATION OF THE FUEL IN DGSA-D-SAC1A. DRN THE FUEL FROM THE RES., SYS ENG TO INSPECT THE RES. FOR EVIDENCE OF WATER, PARTICULATES, MICROBIAL GROWTH, ETC. FLUSH THE RES. PER THE SYS ENG'S DIRECTION. MAINTAIN F.M.E., REPLACE THE FUEL FILTER, REFILL THE RES, AND VENT THE FUEL FILTER HOUSING. DISPOSE OF THE FO IN A DESIGNATED BARREL IN THE OIL RM.	11/21/94		1/2/95	MNT-M	
MWR 94-6353	O	POSSIBLE CONTAMINATION OF THE FUEL OIL IN DGSA-D-SAC2A. DRN THE FUEL FROM THE RES. SYS ENG TO INSPECT THE RES. FOR EVIDENCE OF WATER, PARTICULATES, MICROBIAL GROWTH, ETC. FLUSH THE RES PER THE SYS ENG'S DIRECTION. MAINTAIN F.M.E., REPLACE THE FUEL FILTER, REFILL THE RES AND VENT TEH FUEL FILTER HOUSING. DISPOSE OF THE FO IN A DESIGNATED BARREL IN THE OIL RM. DIV II.	11/21/94			MNT-M	
MWR 94-6357	O	CHECK RCIC SYSTEM HFA RELAYS PICKUP VOLTAGE PER SPECIAL INSTRUCTIONS. CR 94-0733/SN 0-05421.	1/2/95				

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6358	C	RELAYS ARE FASTENED WITH (2) SCREWS IN THE CENTER (2) OF (6) MOUNTING HOLES. INSTALL (4) #10 SCREWS (IN THE CORNER HOLES) IN EACH OF THE RELAYS LISTED PER ATTACHED SPEC INST. ENSURE THE RCC AND TSC ARE DE-ENERGIZED PRIOR TO PERFORMING. DIV I. SN 1-000	11/25/94		12/23/94	MNT-E	
MWR 94-6359	O	SDC RHR-SNUB-(RH-S70) IS REQUIRED TO BE PULLED AND TESTED AND REPLACED EVERY RE. LICENSING HAS DETERMINED THAT REFUELING OUTAGE INTERVAL S CONSTITUTE 18 MONTHS. THEREFORE (RH-S70) REQUIRES THIS FUNCTIONAL TESTING PER PROC 6.3.10.9.1 AND RESPONSE TO NCR 91-085 COMMITMENT.	11/21/94			MNT-M	
MWR 94-6360	C	VALVE PACKING LEAKS AND DOESN'T HAVE ADJUSTMENT. ADD OR REPACK THE VALVE AS PER THE ATTACHED SPECIAL INSTRUCTIONS. MIGHT REQUIRE BOTH LOOPS OF RHR INOP. NON-DIV SN 1-00321	11/25/94		1/6/95	MNT-M	
MWR 94-6362	C	LR MOUNTING PLATE SCREW FOR EP-546 & FREQ-546 LOOSE. OTHER SCREWS ON THIS PLATE & PLATE TO LEFT OF THIS ONE ARE CROOKED & MAY BE LOOSE. PLATE NEXT TO THIS ONE SUPPORTS EP-543B & FREQ-543B. THE MOUNT FOR THE EQ COMP. (SGT-EP-543B) IS NOT KNOWN TO BE DEFICIENT AT THIS TIME. RE-ALIGN AND DRILL HOLES AND TIGHTEN BOLTS PER ATTACHED SPECIAL INSTRUCTIONS. NON DIV - SN 1-02917.	11/25/94		1/6/95	MNT-I	
MWR 94-6363	C	RELAYS ARE FASTENED WITH (2) SCREWS IN THE CENTER (2) OF (6) MOUNTING HOLES. INSTALL (4) #10 SCREWS (IN THE CORNER HOLES) IN EACH OF THE RELAYS LISTED PER ATTACHED SPEC INST. ENSURE THE RCC AND TSC ARE DE-ENERGIZED PRIOR TO PERFORMING. DIV II SN 1-00	11/25/94		12/17/94	MNT-E	
MWR 94-6369	C	VALVE IS LEAKING WATER FROM PACKING (1 DROP/15 SEC). ADJUST PACKING AS REQUIRED. DO NOT REPLACE PACKING UNDER THIS MWR. SN 1-03040	11/25/94		12/2/94	MNT-M	
MWR 94-6370	O	MS-CV-20CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6371	O	MS-CV-21CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6372	O	MS-CV-24CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6373	O	MS-CV-25CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6374	O	MS-CV-26CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6375	O	MS-CV-27CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6376	O	MS-CV-28CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6377	O	MS-CV-29CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6378	O	MS-CV-30CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6379	O	MS-CV-31CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6380	O	MS-CV-32CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6381	O	MS-CV-33CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6382	O	MS-CV-34CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6383	O	MS-CV-35CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST BELOW TECH. SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6384	O	MS-CV-22CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST ABOVE TECH SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6385	O	MS-CV-23CV FAILED SP 6.3.9.2 AS FOUND LIFTING FORCE TEST ABOVE TECH SPEC LIMITS. REPAIR CHECK VALVE PER SP 6.3.9.2 AS REQUIRED. CONTACT SYSTEM ENGINEER PRIOR TO START OF WORK. NON-DIV SN 1-00592	11/25/94			MNT-M	
MWR 94-6388	O	SCRAM VALVE AIR OPERATOR IS MISSING A NUT ON ONE OF THE DIAPHRAGM CASE BOLTS. INSTALL NUT.	1/10/95			ENG	
MWR 94-6393	C	UNDER WI 94-5622 YOKE TO OPERATOR MOUNTING BOLTS WERE NOT TORQUED AS REQ'D BY PROC 7.2.44 PRIOR TO COMPLETING PROC 7.3.35.5 BASE LINE VOTES TEST. TORQUE BOLTS PER STEP 8.1.3.17 OF MP 7.2.44. THEN PROCEDE WITH PMT OF WI 94-5622, DIV I, SN 1-00602	11/25/94		1/2/95	MNT-M	
MWR 94-6394	C	RHR-HGR-H86A, HORIZONTAL HANGER ON B TORUS SPRAY LINE HAS ROTATED ON PIPE. STRAIGHTEN AND REPAIR HANGER PER SPECIAL INSTRUCTIONS ATTACHED. SN 0-09015	11/25/94		1/6/95	MNT-M	
MWR 94-6398	C	SN 1-03046 - FIRE SEAL BETWEEN POURED WALL AND REINFORCED PILLAR IN H2 SEAL OIL ROOM HAS A CRACK FROM FLOOR TO CEILING. RESTORE FIRE BARRIER INTEGRITY PER ATTACHED SPECIAL INSTRUCTIONS. REFER TO ATTACHED DRAWINGS FOR LOCATION. SN 1-03046	11/25/94		11/23/94	MNT-E	
MWR 94-6406	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE. EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6407	O	SP 6.3.10.91 & CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FOR SNUB	11/25/94			MNT-M	
MWR 94-6408	O	SP 6.3.10.91 & CNS TECH SPECS REQUIRED PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FOR SNU	11/25/94			MNT-M	
MWR 94-6409	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6410	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6411	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6412	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6413	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6414	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6415	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6416	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94		1/16/95	MNT-M	
MWR 94-6417	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6418	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94		1/16/95	MNT-M	
MWR 94-6419	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6424	O	SP 6.3.10.9.1 AND CNS TECH SPECS REQUIRE PERIODIC EXAMINATION FOR VISUAL OPERABILITY OF SAFETY RELATED SNUBBERS. OCTOBER 95 OUTAGE PUTS THIS BEYOND THE DATE EXAMINATION MUST TAKE PLACE. PERFORM EXAMINATION PER MP 7.2.34.1. SEE ATTACHED CIC LIST FO	11/25/94			MNT-M	
MWR 94-6428	C	MODE SWITCH ON IRM "A" BROKE (OPERATOR BROKE IT) DURING SP 6.1.2. REPLACE WITH CNSNO 20439 AND PERFORM SP 6.1.2. THIS WILL INOP IRM "A" IF NOT FIXED DURING THE NEXT WEEKLY SP 6.1.2. DIV I. SN 1-03051	11/25/94		11/26/94	ENG	
MWR 94-6429	C	WHILE PERFORMING PM 07238 QTRLY INSPECTION OF I&C, AREAS RECIEVED SEVERAL SRM PERIOD ALARMS, (B&C SRM'S), INVESTIGATION SHOWS THAT TURNING ON AND OR OFF PANEL LIGHTS (PNL 9-10-9->14) COINCIDED WITH SRM PERIOD ALARMS. INVESTIGATE AND RECOMMEND CORRECTIVE	11/25/94		12/3/94	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6430	O	SN 1-03044 - RR-FR-163 A LOOP FLOW INDICATOR IS READING ERRATIC. PMIS PT B040 LOOP A1 DRIVE FLOW DOES NOT. B040 IS FED FROM RR-FT110A. B041 IS FED FROM RR-FT-110R.	11/17/94		1/16/95	MNT	
MWR 94-6431	O	SN 1-03037 - CONTROL ROD 10-43 POSITION INDICATION BLANK FOR POSITIONALS 08,18,28,38, AND 48. CLEAN AND RESEAT CONNECTOR. IF NEEDED REPLACE PROBE WITH SPARE PER 14.14.1. REFERENCE WI 93-4460 AND 94-4763. NON-DIV 1-03037	11/25/94			MNT-I	
MWR 94-6436	O	ESSENTIAL HFA RELAYS ARE NOT PERIODICALLY CHECKED FOR PICK-UP VOLTAGE. CHECK HPCI SYSTEM HFA RELAY'S PICK-UP VOLTAGE PER SPECIAL INSTRUCTIONS. NON-DIV. SN 0-05421	12/21/94			MNT-E	
MWR 94-6439	O	INSTALL LLRT TEST CONNECTIONS FOR CS-CV-18 & CS-CV-19CV, PER DC94-330. DIV I DIV II. SN 1-00015	11/25/94			CM	
MWR 94-6440	D	THE FUSE LINKS REQUIRED BY NOTE 3 ON DRWG B5700*3010 SH1, ARE NOT INSTALLED. FUSES ARE CURRENTLY INSTALLED. INSTALL DUMMY FUSES PER SPECIAL INSTRUCTIONS. DIV I. SN 0-03587	11/25/94			MNT-E	
MWR 94-6441	D	THE FUSE LINKS REQUIRED BY NOTE 3 ON DRWG B5700*3010 SH1, ARE NOT INSTALLED. FUSES ARE CURRENTLY INSTALLED. INSTALL DUMMY FUSES PER SPECIAL INSTRUCTIONS. DIV I. SN 0-03587	11/25/94			MNT-E	
MWR 94-6442	C	H2 PRESSURE GAUGE IS STUCK AT 130#. ACTIVE H2 PRESSURE AT GAUGES IN H2 REDUCING STATION INDICATE ZERO POUNDS PRESSURE. CALIBRATE GAUGE. IF GAUGE CANNOT BE CALIBRATED, WRITE NEW CR TO REPLACE IT. PERFORM IN CONJUNCTION WITH MWR 94-5638. DO NOT PERFORM ANY	11/25/94		11/26/94	ENG	
MWR 94-6446	O	PERFORM MODIFICATIONS TO CORE SPRAY ORIFICES, PIPE SUPPORTS, AND HPCI ANNUNCIATOR CABLES PER DC 94-046. THIS MWR IS CLASS EQ FOR WORK PERFORMED ON HPCI WIRING UNDER SECTIONS 6.3 AND 7.3 ALL OTHER WORK IS CLASS E. BOTH-DIV CR 1-00016	11/25/94			CM	
MWR 94-6448	C	THE GM TUBE POSITION OF THE HIGH RANGE DETECTORS WAS ADJUSTED PER SPECIAL INSTRUCTIONS ON MWR 94-5741. IT WAS LATER FOUND THAT THE SPRING ACTION CAUSED BY EXCESS SIGNAL WIRE FORCED THE TUBES OUT OF POSITION. VENDORS RECOMMENDATION IS TO REMOVE EXCESS SI	11/25/94		12/17/94	MNT-I	
MWR 94-6449	C	CHANNELS 1 2 3 4 5 FAILED TO MEET THE EXPECTED CHECK SOURCE VALUES AND PRODUCED EQUIP FAIL WHEN THE CHECK SOURCE WAS INITIATED. ADJUST CHECK SOURCES AS REQUIRED. NON SN 1-03728	11/25/94		12/9/94	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6450	C	MS-DPIS-118B HI-FLOW TRIP SWITCH ERRATIC AND WILL NOT TRIP CONSISTENTLY AT THE DESIRED SETTING. REPLACE SWITCH (CNSNO 09393) IAW APPLICABLE STEPS OF 14.5.5 CR1-03734.	11/25/94		12/26/94	ENG	
MWR 94-6451	C	DOOR R102 WILL NOT LATCH WHEN GOING SHUT WITHOUT ASSISTANCE. RUBBER SEAL ~1' FROM FLOOR APPEARS TO BE LOOSE AND BINDING UP DOOR. REPLACE OR REPAIR DOOR SEAL USING SPECIAL INSTRUCTIONS ATTACHED (SORC APPROVAL S94-158). NON-DIV CR1-01772	11/25/94		1/2/95	MNT-UT	
MWR 94-6456	O	RE-PERFORM SP 6.1.21.1 TO VERIFY TEST PERFORMED INCORRECTLY OR EQUIPMENT PROBLEM EXISTS - SEE SN 1-02662.	12/10/94			ENG	
MWR 94-6465	C	SN 1-01619 - TELEVISION CAMERA LIGHT WENT COMPLETELY OUT	1[illegible]/22/94		12/26/94	SEC	
MWR 94-6469	O	REPLACE 1/4" PIPE PLUG ON STOP VALVE #1.	12/23/94			MNT	
MWR 94-6471	O	SN 1-03735 - FLOW CONTROL VALVE SWITCH ACTUATOR HAS BROKEN OFF THE BELLOWS. REPAIR OR REPLACE AS REQUIRED.	11/25/94			MNT	
MWR 94-6473	C	SN 1-04801 - FLOW RECORDER RESPONDS SLOWLY AND ERRATICALLY	11/25/94		1/12/95	MNT	
MWR 94-6474	O	SN 1-00653 - A SMALL PIECE OF PLASTIC OR PHENOLIC MATERIAL WAS FOUND IN THE BOTTOM OF CUBICLE EE-MCC-R(5A) (HPCI MO 15 STARTER). APPEARANCE INDICATES THAT IT MAY BE A FRAGMENT FROM THE STARTER DISCONNECT.	11/25/94			MNT-E	
MWR 94-6484	O	CHECK MS SYSTEM HFA RELAYS PICKUP VOLTAGE PER SPECIAL INSTRUCTIONS. CR 94-0733/SN 0-05421.	1/2/95				
MWR 94-6486	O	SN 1-00354 - WHEN REMOVING RWCU FILTER "B" FROM SERVICE, THE EFFLUENT FLOW ONLY DROPS TO APPROXIMATELY 25 GPM. FLOW SHOULD GO TO 0. REPAIR RWCU FCV-15B EITHER CONTROLLER, AIR OPERATOR, VALVE OR ALL THREE. RCV-15B NOT FULLY CLOSING WITH SYSTEM PRESSURE APPLIED. ADJUST VALVE OPERATOR.	1/16/95			MNT	
MWR 94-6492	O	IMPLEMENT NUTHERM STARTER WIRING AND RFC FLOW PMIS SIGNAL RESISTOR MODIFICATION.	11/28/94			MNT-CM	
MWR 94-6542	O	SURVEILLANCE PROCEDURE 6.3.10.12, TORUS EXTERIOR SURFACES AND SUPPORTS INSPECTION, IDENTIFIED AN APPROXIMATELY 1" DIAMETER, 3/16" DEEP CRATER ON THE TOP SURFACE OF THE TORUS BETWEEN BENTS F1 AND F2. THIS WI, 94-6542, WILL PERFORM A UT EXAMINATION ON THE CRATER AND CORRECTIVE ACTIONS WILL BE INITIATED FROM THE UT RESULTS.	12/13/94			MNT	
MWR 94-6544	C	SN 1-03743 - LED ON SMIC INDICATES 0 AT ALL TIMES. REPLACE LED.	11/28/94		12/17/94	MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6545	C	SN 1-04952 - CS-MOV-MO5B REQUIRES A SEAT LEAKAGE TEST PER ASME SECT. XI AND PROC. 6.3.1.1. AS CURRENT THRUST LEVELS ARE NOT ADEQUATE SUCH THAT REVERSE DIRECTION TESTING IS POSSIBLE, CS-MO5B MUST BE TESTED IN THE ACCIDENT DIRECTION. THIS REQUIRES INSTALLATION OF A TEST FLANGE (CNSNO 30386) IN PLACE OF CS-RO-27B AND SUBSEQUENT REMOVAL OF TEST FLANGE AND REINSTALLATION OF CS R027B.	11/25/94		12/17/94	EPD	
MWR 94-6546	O	SN 1-00255 - DISASSEMBLE, INSPECT, MANUALLY EXERCISE, VERIFY FREEDOM OF MOVEMENT AND REASSEMBLE RHR-CV-13CV-RHR PUMP D MINIMUM FLOW.	11/28/94			MNT	
MWR 94-6548	O	SN 1-03963 - NOT ENOUGH HIRCAD ENGAGEMENT ON ONE STUD ON PRESSURE SIDE OF RELIEF VALVE.	11/28/94			MNT	
MWR 94-6549	O	SN 1-04818 - ROD 30-11 LOSES ITS FULL IN LIGHT WHEN A CONTINUOUS INSERT SIGNAL IS APPLIED TO THIS ROD PAST THE 00 POSITION IN THE INWARD DIRECTION.	11/28/94			MNT	
MWR 94-6550	O	DISASSEMBLE, INSPECT AND REASSEMBLE SW-P-A PER MP 7.2.15.	12/10/94			ENG	
MWR 94-6551	O	SN 1-04819 - ROD 46-31 IS MISSING POSITION INDICATIONS FOR POSITIONS 19, 17, 16, 13, AND 12 ON PANEL 9-5 REACTOR CONTROL PANEL.	11/28/94			MNT	
MWR 94-6553	O	SN 1-04820 - ROD 26-31 HAS LOST ALL THE 0 DIGITS IN THE ONES COLUMN AND ALL OF THE 00 POSITION INDICATION ON PNL 9-5 REACTOR CONTROL PANEL. THIS IS RESULTING IN A CONTINUOUS ROD DRIFT ALARM WHICH IS NOT A MULTI-INPUT ROMAN ALARM (i.e., IF ANOTHER CONTROL ROD DRIFTS, OPERABILITIES HAVE AN INDICATION LIGHT TO THIS FACT, BUT THE ALARM WILL NOT RE-ALARM).	11/28/94			MNT	
MWR 94-6557	C	SN 1-04822 - RECEIVED DETECTOR FAILURE FOR CHANNEL THREE, PER ALARM PROCEDURE 2.3.2.17A ALARM DUE TO PARTICULAR FILTER FAILURE	11/28/94		12/18/94	MNT	
MWR 94-6560	C	SN 1-03745 - DURING PERFORMANCE OF 94-5654 "SV2 CORE MOUNT LOOSE" FOUND 2 CAPS SCREWS BROKEN OFF FLUSH WITH VALVE FACE. REMOVE BROKEN SCREWS AND INSTALL NEW ONES USING LOCTILE 242, PER ENGINEER REQUEST ON 11/28/94.	11/29/94		12/26/94	MNT	
MWR 94-6569	C	PM 94 07210 - PERFORM DIESEL GENERATOR ANNUAL CALIBRATION PER 14.17.1.	11/22/94		1/2/95	MNT-P	
MWR 94-6570	O	PM 03280 - CONDUCT HX PERFORMANCE EVALUATION AS PRE WORK TESTING TO HX CLEAN AND INSPECT ACTIVITIES. INSPECT AND CLEAN PER 7.2.42. MWR TO SYSTEM ENGINEER PERFORM HX PERF EVAL AS PMT.	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6571	O	PM 03286 - CONDUCT HX PERFORMANCE EVALUATION AS PREWORK TESTING TO HX CLEAN & INSPECT ACTIVITIES. INSPECT & CLEAN PER MP 7.2.42. MWR TO SYSTEM ENGINEER PERFORM HX PERF EVAL AS PMT.	11/22/94			MNT-P	
MWR 94-6572	C	PM 04779 - VISUALLY INSPECT, CLEAN, AND REPAIR, IF NECESSARY SCREEN & GASKET CNSNO 27489 & 27490 (CNSNO'S - SCREEN 27489 & GASKET 27490)	11/22/94		1/5/95	MNT-P	
MWR 94-6573	C	PM 05147 - DISASSEMBLE AND INSPECT SEATING O-RING AND DISC. REPLACE O-RING AND ANY DAMAGED OR DEGRADED PARTS. (PM 05147)	11/22/94		1/15/95	MNT-P	
MWR 94-6574	O	PM 07218 - PERFORM DIESEL GENERATOR ENGINE MECHANICAL INSPECTION PER 7.2.53.1.	11/22/94			MNT-P	
MWR 94-6575	O	PM 07446 - REMOVE AND INSPECT CHECK VALVES. REPLACE ELASTOMER PARTS. REPLACE DEGRADED OR DAMAGED PARTS. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.12.10 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY.	11/22/94			MNT-P	
MWR 94-6576	O	PM 07447 - REMOVE AND INSPECT CHECK VALVES. REPLACE ELASTOMER PARTS. REPLACE DEGRADED OR DAMAGED PARTS.	11/22/94			MNT-P	
MWR 94-6577	O	PM 01458 - REPLACE VALVE PER MP 7.2.49 - (PM 01458)	11/22/94			MNT-P	
MWR 94-6578	C	PM 02571 - REPLACE VALVE PER MP 7.2.49.- (PM 02571)	11/22/94		1/11/95	MNT-P	
MWR 94-6579	C	PM 07923 - REPLACE RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94		1/2/95	MNT-P	
MWR 94-6580	C	PM 07219 - PERFORM DIESEL GENERATOR ELECTRICAL EXAMINATION AND MAINTENANCE PER 7.3.8.2.	11/22/94		1/13/95	MNT-P	
MWR 94-6581	C	PM 08264 - TEST RELAY PER MP 7.3.1.16.	11/22/94		12/16/94	MNT-E	
MWR 94-6583	C	PM 08266 - TEST RELAY PER MP 7.3.1.16.	11/22/94		12/16/94	MNT-E	
MWR 94-6584	C	PM 08267 - TEST RELAY PER MP 7.3.1.19.	11/22/94		12/17/94	MNT-E	
MWR 94-6585	C	PM 08268 - TEST RELAY PER 7.3.1.19.	11/22/94		12/16/94	MNT-E	
MWR 94-6586	C	PM 08269 - TEST RELAY PER MP 7.3.1.19.	11/22/94		12/16/94	MNT-E	
MWR 94-6590	C	PM 08273 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32.	11/22/94		12/26/94	MNT-E	
MWR 94-6591	C	PM 08274 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32.	11/22/94		12/26/94	MNT-E	
MWR 94-6592	C	PM 08275 - TEST RELAY PER SP 6.2.2.1.11 AND MP 7.3.1.32.	11/22/94		1/8/95	MNT-E	
MWR 94-6593	C	PM 08276 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12.	11/22/94		12/26/94	MNT-E	
MWR 94-6594	C	PM 08277 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12.	11/22/94		12/26/94	MNT-E	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6595	C	PM 08278 - TEST RELAY PER SP 6.2.2.1.9 AND MP 7.3.1.12.	11/22/94		1/6/95	MNT-E	
MWR 94-6596	C	PM 08279 - TEST RELAY PER MP 7.3.1.13.	11/22/94		12/16/94	MNT-E	
MWR 94-6597	C	PM 08280 - TEST RELAY PER MP 7.3.1.15.	11/22/94		12/16/94	MNT-E	
MWR 94-6598	C	PM 08281 - TEST RELAY PER MP 7.3.1.3.	11/22/94		12/18/94	MNT-E	
MWR 94-6599	C	PM 08265 - TEST RELAY PER MP 7.3.1.16.	11/22/94		12/18/94	MNT-E	
MWR 94-6600	C	PM 08283 - PERFORM FUNCTIONAL CHECK OF RELAY DURING PRE-MAINTENANCE RUN PER MP 7.3.8.	11/22/94		12/16/94	MNT-E	
MWR 94-6601	C	PM 08284 - TEST RELAY PER MP 7.3.1.14.	11/22/94		12/16/94	MNT-E	
MWR 94-6602	C	PM 08285 - TEST RELAY PER MP 7.3.1.21.	11/22/94		12/16/94	MNT-E	
MWR 94-6603	C	PM 08286 - TEST RELAY PER MP 7.3.1.17.	11/22/94		1/2/95	MNT-E	
MWR 94-6604	C	PM 08287 - TEST RELAY PER MP 7.3.1.33.	11/22/94		12/18/94	MNT-E	
MWR 94-6605	C	SN 1-04845 - WHILE PERFORMING SP 6.3.20.1 AS PART OF PMT FOR MWR NO. 94-5759, GROSS LEAKAGE CAME FROM HOSE DURING STEP 8.2.37. APPEARS TO BE SW-CV-62CV AS INDICATED BY DIFFERENTIAL TEMP OF PIPES.	12/2/94		1/8/95	MNT	
MWR 94-6606	O	1-02022 - SGT-AO-252AV LEAKING AIR OPERATOR. PRIORITY A ASSIGNED BY WORK CONTROL, INITIAL INVESTIGATION IDENTIFIED PM DEFICIENCY, SIMILAR AIR OPERATORS HAVE A RECENT HISTORY OF THIS TYPE OF FAILURE	12/12/94			ENG	
MWR 94-6607	C	PM 00224 - INSPECT THE PT FUSES' CONTACT SURFACES FOR OXIDATION AND DISCOLORATION. CLEAN AS NECESSARY.	11/22/94		12/13/94	MNT-E	
MWR 94-6608	O	PM 03376 - INSPECT TURBINE OVERSPEED TRIP DEVICE PER MP 7.2.28.1	11/22/94			MNT-P	
MWR 94-6609	O	PM 03384 - INSPECT FOR FLUID LEAKAGE PAST THE PISTON PER MP 7.2.38. CONTACT CONTROL TO HAVE SYS OPERATE. CATCH FLUID-IF LEAKAGE IS MORE THAN .01 GPM - CONTACT ENG	11/22/94			MNT-P	
MWR 94-6610	O	PM 04318 - REPLACE THE DIAPHRAGM IN THE DIAPHRAGM CONTROL VALVE AS PER VM 0072 VOL 12.	11/22/94			MNT-P	
MWR 94-6611	O	PM 06688 - EXAMINE RELIEF VALVE THERMOCOUPLES FOR POSSIBLE OUTAGE DAMAGE. DOCUMENT ANY DAMAGE BY CIC AND IMPLEMENT REPAIRS UNDER THIS MWR. EXAMINATION TO BE PERFORMED AFTER MAJORITY OF OUTAGE RELIEF VALVE MAINTENANCE IS COMPLETED.	11/22/94			MNT-P	
MWR 94-6612	O	PM 07213 - EXCERCISE THE ABOVE NORAMLLY CLOSED CHECK VALVES IN ACCORDANCE WITH S.P. 6.3.10.15.	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6613	C	PM 07216 - ROTATE INSTALLATION AND REMOVAL OF BLANK FLANGE AND RESTRICTING ORIFICE IN SUPPORT OF LLRT. (NOTE: INSURE ORIFICE IS REINSTALLED WITH INLET SIDE TOWARDS CS-MOV-MO26A)	11/22/94		1/4/95	MNT-P	
MWR 94-6614	C	PM 07217 - ROTATE INSTALLATION AND REMOVAL OF BLANK FLANGE AND RESTRICTING ORIFICE IN SUPPORT OF LLRT. (NOTE: INSURE ORIFICE IS RE-INSTALLED WITH INLET SIDE TOWARDS CS-MOV-MO26B.)	11/22/94		1/6/95	MNT-P	
MWR 94-6615	O	PM 07222 - PREPARE THE HPCI TURBINE FOR OVERSPEED TESTING PER 7.2.28.1 AS DIRECTED BY THE HPCI TURBINE OVERSPEED FUNCTIONAL TEST, 6.4.3.1.	11/22/94			MNT-P	
MWR 94-6616	O	PM 07458 - PERFORM VISUAL INSPEC OF MS LINES (ISO'S 2841-1 & 2841-2) BETWEEN MSIV'S & STOP VLVS TO DETERMINE WHETHER OPERATION VIBRATION HAS CAUSED ANY STRUCTURAL DAMAGE OR LOSSENED ANY HARDWARE ON ASSOCIATED SUPPORTS. TIGHTEN/REPAIR LOOSE HARDWARE & DOCUMENT STRUCTURAL DAMAGE FOR RESOLUTION BY NED. MAINT & NED CONDUCT A JOINT WALKDOWN.	11/22/94			MNT-P	
MWR 94-6617	O	PM 07524 - INSPECT SWITCHES TO ENSURE THEY ARE SECURE AND IN PLACE. TIGHTEN AS REQUIRED. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.1.32 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY AND PERFORM AS PMT.	11/22/94			MNT-P	
MWR 94-6618	D	PM 07611 - DISASSEMBLE, CLEAN AND INSPECT. TORQUE BODY BOLTS TO 280 - 320 FT LBS. BODY GASKET GARLOCK STYLE 3400, 7-5/8 IN ID X 8-3/8 IN OD X 1/32 IN THICK	1/9/95			MNT-P	
MWR 94-6619	O	PM 07725 - REPLACE MAIN VALVE STEM PACKING AND INSPECT OPERATOR DIAPHRAGM. REPLACE IF REQUIRED (CNSNO: PACKING 31238, DIAPHRAGM 31237, GASKET'S 31239/31240). PACKING REPLACEMENT PROCEDURE IN VENDOR MANUAL. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY AND PERFORM SP 6.3.1.1 & 6.3.1.4 AS PMT.	11/22/94			MNT-P	
MWR 94-6620	O	PM 07726 - REPLACE MAIN VALVE STEM PACKING AND INSPECT OPERATOR DIAPHRAGM. REPLACE IF REQUIRED (CNSNO: PACKING 31238, DIAPHRAGM 31237, GASKET'S 31239/31240). PACKING REPLACEMENT PROCEDURE IN VENDOR MANUAL. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY AND PERFORM 6.3.1.1 & 6.3.1.4 AS PMT.	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6621	O	PM 07727 - REPLACE MAIN VALVE STEM PACKING AND INSPECT OPERATOR DIAPHRAGM. REPLACE IF REQUIRED (CNSNO: PACKING 31238 DIAPHRAGM 31237 GASKET'S 31239/31240). PACKING REPLACEMENT PROCEDURE IN VENDOR MANUAL. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY AND PERFORM SP 6.3.1.1 & 6.3.1.4 AS PMT.	11/22/94			MNT-P	
MWR 94-6622	O	PM 07926 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6623	O	PM 07928 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6624	O	PM 07927 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6625	O	PM 07929 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6626	O	PM 07930 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6627	O	PM 07931 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6628	O	PM 07932 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6629	O	PM 07933 - REPLACE AGASTAT RELAY PER MP 7.3.16 AGASTAT MODEL EGPD (CNSNO 08837) ADJUST PM START DATE PER MFR DATE.	11/22/94			MNT-P	
MWR 94-6630	D	PM 07955 - REPLACE TIME DELAY RELAY PER MP 7.3.7 & MP 7.3.16 (CNSNO 20390), AMERACE MODEL E7012AH TIME DELAY PICKUP - 10 MIN 30 SECONDS, ADJUST PM START DATE PER MFR DATE	1/7/95			MNT-P	
MWR 94-6631	C	PM 07956 - REPLACE TIME DELAY RELAY PER MP 7.3.7 & MP 7.3.16 (CNSNO 20390), AMERACE MODEL E7012AH TIME DELAY PICKUP - 10 MIN 30 SECONDS, ADJUST PM START DATE PER MFR DATE	11/22/94		1/6/95	MNT-P	
MWR 94-6632	C	PM 07976 - REMOVE RELAY PER MP 7.3.16 TEST AND CALIBRATE PER MP 7.3.7 REINSTALL RELAY PER MP 7.3.16	11/22/94		12/5/94	MNT-P	
MWR 94-6633	C	PM 07977 - REMOVE RELAY PER MP 7.3.16 TEST AND CALIBRATE PER MP 7.3.7 REINSTALL RELAY PER MP 7.3.16	11/22/94		12/5/94	MNT-P	
MWR 94-6635	O	SN 1-04826 - VALVE HAS PACKING LEAK	11/29/94			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6636	C	SN 1-03750 - CHANNEL 1 & 2 OF HIGH-RANGE MONITOR WILL NOT PASS CHECKSOURCE WITH SOLENOID ADJUSTED FOR MAXIMUM ACTUATION. DETECTORS WILL PASS KNOWN SOURCE CALIBRATIONS SO DETECTOR IS NOT FAULTY. NEED TO CHANGE SETPOINT FOR GENERATING ON EQUIP FAIL ALARM ON CHECK SOURCE FAILURE. CHANGE CHANNEL 1, PARAMETER 13 TO A.SOE-01 AND CHANNEL 2, PARAMETER 13 TO 1.00E01	12/2/94		1/12/95	MNT	
MWR 94-6641	O	PM 07613 - DISASSEMBLE, INSPECT & CLEAN. REPLACE SCREEN AND TRAP INTERNAL PARTS AS NECESSARY.	11/22/94			MNT-P	
MWR 94-6642	O	SN 1-03601 - REQUIRE INSTALLATION OF UNISTRAT AND PLATFORM FOR MAIN STEAM LINE MONITOR CALIBRATION. REQUIRE INSTALLATION OF PADEYE OVER PLATFORM TO RIG 200 LB. CALIBRATOR UPTO PLATFORM. CONTACT BART WHEELER FOR RIGGING EVALUATION AND INSTRUCTION FOR INSTALLATION OF PADEYE.	12/2/94			MNT	
MWR 94-6645	O	SN 1-04114 - REPLACE AGED TURBINE GENERATOR COMPUTER POWER SUPPLIES OR REPLACE ELECTROLYTIC CAPACITORS IN THE AGED TURBINE GENERATOR COMPUTER SUPPLIES.	11/28/94			MNT	
MWR 94-6648	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6649	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6650	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6651	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6652	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6653	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6654	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6655	O	SN 1-04954 - DURING INSPECTION OF SAFETY-RELATED SNUBBERS, (RHR-SNUB-(RH-527ABR)) WAS FOUND DAMAGED. POTENTIAL EXISTS FOR DAMAGE TO BE CAUSED BY WATER HAMMER. ADJACENT SUPPORTS REQUIRE EXAMINATION TO ENSURE INTEGRITY AND OPERABILITY OF THOSE ADJACENT SUPPORTS POTENTIALLY AFFECTED ALSO.	11/29/94			ENG	
MWR 94-6656	C	PM 06511 - INSPECT AND CLEAN IAW MP 7.2.42. PERFORM IN CONJUNCTION WITH DG INSPECTION.	11/29/95		1/2/95	MNT-P	
MWR 94-6657	C	PM 07128 - UNCLAMP INLET DUCT AND SLIDE BACK AND VERIFY LOCKNUT FOR MAGNETIC PICKUP IS SECURE. INSPECT CABLE FOR LOOSENESS OR WEAR PERFORM WITH OUTAGE INSPECTION.	11/22/94		1/2/95	MNT-P	
MWR 94-6665	C	SN 1-04391 - WHILE PERFORMING SP 6.1.5, NOTED LEAKING FITTING ON VALVE ALLOWING TEST PRESSURE TO BLEED OFF. SNUGGED UP FITTING, LEAKAGE STILL OCCURRED. LEAKAGE OCCURS ON SWAGELOK FITTING USED AS A TEST CONNECTION, AT THE NPT JOINT. NOTE: LEAKAGE IS MINOR.	12/2/94		1/16/95	MNT	
MWR 94-6667	C	SN 1-04392 - IRM F PREAMP WAS CHANGED OUT PER MWR 94-6033. PMT WAS COMPLETED SAT. AFTER UNIT WAS RETURNED TO SERVICE, NOISE SPIKES WERE OBSERVED ON THE RECORDER AND DRAWER WATER. CLEANED PREAMP CONNECTORS AND CABLES WITH A WASH CONSISTING OF ACETONE, ETHYL ALCHOL, AND DEIONIZED WATER. SPIKING DID NOT IMPROVE.	12/2/94		1/13/95	ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6668	O	PM 00305 - DISASSEMBLE & INSPECT FOR DAMAGE OR WEAR PER MP 7.2.26.2 VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY. (PM 00305)	11/22/94			MNT-P	
MWR 94-6669	C	PM 01025 - CHANGE OIL IN UPPER & LOWER BRG INSPECT THE MOTOR PER MWP 5.3.3 INSPECT LUBE OIL FILL LINE PIPING TIGHTEN AS NECESSARY AND SEND SAMPLE OUT FOR ANALYSIS, DTE 797 4 GAL IN LOWER BEARING, DTE HEAVY MED 46.25 GAL IN UPPER BEARINGS (PM 1025)	11/22/94		12/9/94	MNT-P	
MWR 94-6671	O	PM 03651 - TEST & SET PRESS WHILE TURBINE IS RUNNING PER MP 7.2.35	11/22/94			MNT-P	
MWR 94-6672	O	PM 03739 - REBUILD PUMPS, PERFORM IN CONJUNCTION WITH PM 04626 INSPECT ALL SUMP FLOATS FLOAT RODS & ASSOCIATED COMPONENTS FOR CLEANLINESS & INTEGRITY & VERIFY SMOOTH OPERATION OF SAME. AFTER PUMPS HAVE BEEN REBUILT & REINSTALLED IN SUMP.	11/22/94			MNT-P	
MWR 94-6673	O	PM 03740 - REBUILD PUMPS, PERFORM IN CONJUNCTION WITH PM 04625 INSPECT ALL SUMP FLOATS FLOAT RODS & ASSOCIATED COMPONENTS FOR CLEANLINESS & INTEGRITY & VERIFY SMOOTH OPERATION OF SAME AFTER PUMPS HAVE BEEN REBUILT & REINSTALLED IN SUMP.	11/22/94			MNT-P	
MWR 94-6674	C	PM 04040 - REPLACE CORE ASSEMBLY, O'RINGS & DIAPHRAGMS ON 50% OF ALL SCRAM PILOT VALVES PER MP 7.2.49.5 EXACT SCRAM PILOT VALVES TO BE DETERMINED BY CRD SYS ENG CNSNO'S 15845 15846 00459 00460 00464 00465	11/22/94		12/6/94	MNT-P	
MWR 94-6675	C	PM 04041 - REPLACE BUNA-N DIAPHRAGMS AND O-RINGS PER MP 7.2.49.3	11/22/94		12/6/94	MNT-P	
MWR 94-6676	O	PM 04625 - INSPECT VALVE SEAT AND CLEAN. PERFORM IN CONJUNCTION WITH PM 03740.	11/22/94			MNT-P	
MWR 94-6677	O	PM 04626 - INSPECT VALVE SEAT AND CLEAN. PERFORM IN CONJUNCTION WITH PM 03739.	11/22/94			MNT-P	
MWR 94-6678	C	PM 05277 - CLEAN COOLING COILS USING CLEANING SOLUTION & COLD WATER PRESS WASH. CLEAN FAN WHEELS & FAN SHAFT. IF RUST FOUND ON FAN SHAFT REM. WITH EMERY CLOTH & RECOAT W/RUST-VETO #344 OR EQUAL. INSP DRN PAN FOR SLUDGE OR FOREIGN MATERIAL. CHK COND DRN LINE TO ENSURE IT'S NOT OBSTRUCTED VERIFY OR PERFORM APP. PART(S) OF SP 6.3.17.12 PRIOR TO PERFORMING THIS PM TO VERIFY COMP. OPERABILITY, AND PERFORM AS PMT.	11/22/94		1/2/95	MNT-P	
MWR 94-6679	O	PM 05753 - REPLACE 25% OF ALL SCRAM VALVE OPERATOR DIAPHRAGMS PER MP 7.2.55.2. (EXACT SCRAM VALVES TO BE IDENTIFIED BY CRD ENGINEER).	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6680	O	PM 07109 - REPLACE CHECK VALVE PER 14.32.3. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY.	11/22/94			MNT-P	
MWR 94-6681	C	PM 07214 - REMOVE AND RE-INSTALL ORIFICES AS REQUESTED BY LLRT CO-OR IN SUPPORT OF S.P. 6.3.1.1.	11/22/94		1/8/95	MNT-P	
MWR 94-6682	C	PM 07232 - AS REQUIRED BY S.P. 6.4.2.1 PREPARE VALVE FOR TURBINE OVERSPEED TEST WHEN REQUESTED BY OPERATIONS.	11/22/94		12/29/94	MNT-P	
MWR 94-6683	O	PM 07233 - AS REQUIRED BY S.P. 6.4.2.1 PREPARE RCIC TURBINE FOR OVERSPEED TESTING WHEN REQUESTED BY OPERATIONS.	11/22/94			MNT-P	
MWR 94-6684	C	SP 7.2.25 - PROVIDE MAINTENANCE PERSONNEL WITH INSTRUCTIONS FOR THE REPLACEMENT OF THE TRIGGER/PRIMER CHAMBER ASSEMBLY AND INLET FITTING IN A STANDBY LIQUID CONTROL EXPLOSIVE (SQUIB) VALVE.	12/2/94		12/20/94	ENG	
MWR 94-6684	O	PM 07234 - REPLACE THE TEST FIRED SLC SQUIB VALVE OR VALVES PER 7.2.25.	11/22/94			MNT-P	
MWR 94-6685	O	PM 07235 - PERFORM IST RELIEF VALVE TESTING IN ACCORDANCE WITH S.P. 6.3.8.3.	11/22/94			MNT-P	
MWR 94-6586	O	PM 07236 - PERFORM IST RELIEF VALVE TESTING IN ACCORDANCE WITH S.P. 6.3.8.3.	11/22/94			MNT-P	
MWR 94-6687	C	PM 07922 - REBUILD SOLENOID VALVES. REPLACE O-RINGS PER VEN MAN 999 & 1000. CNSNO'S 28762, 28767, 28795, 28796, 28797, 28798, 28799, 28800.	11/22/94		12/6/94	MNT-P	
MWR 94-6688	C	PM 07951 - REPLACE TIME DELAY RELAY PER MP 7.3.7 & 7.3.16, AMERACE MODEL E7012AEL (CNSNO 17131). TDPU SET AT 40 SEC, ADJUST PM START DATE PER MFR DATE.	11/22/94		1/10/95	MNT-P	
MWR 94-6697	C	SN 1-04400 - PREAMP SN 6550383 REMOVED FROM THE WAREHOUSE UNDER WI 94-5043 NEEDS TO HAVE NEW STANDOFFS INSTALLED. REMOVE STANDOFFS FROM PREAMP 6550388 (WAITING TO BE SENT TO MANUFACTURER FOR REPAIR) AND INSTALL IN 6550383, TEST PER VENDOR MANUAL AND RETURN TO SPARES.	12/5/94		12/13/94	MNT	
MWR 94-6707	C	1-4202 - HEAT TRACE ON SUMP PUMP 2 DOES OT WORK. ENSURE THERMOSTAT IS TURNED ON WHICH IS LOCATED AT CENTER OF SOUTH WALL INSIDE OG BLDG. MEASURE AND RECORD AMPS ON CIRCUIT 10 OF EE-PNL-LPGB1.	1/7/95		1/16/95	MNT	
MWR 94-6725	C	SN 1-04790 - WHEN CS-V-14A WAS SHUT FOR CLEARANCE ORDER 94-1625, INDICATED VALVE POSITION FOR CS-V-14A FAILED TO CHANGE INDICATION IN THE CONTROL ROOM AT PANEL 9-3. THE VALVE STILL INDICATES OPEN IN CONTROL ROOM WITH THE VALVE ACTUALLY SHUT.	12/7/94		1/2/95	MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6731	D	SN 1-02024 - RECOMMEND AIR OPERATOR SGT-AO-250AV BE REBUILT BASED ON THE HIGH RATE OF SEAL FAILURE SEEN OVER THE PAST THREE YEARS. VENDOR STATES THE SEALS HAVE A 5-YR. SERVICE LIFE - NO MWR FOUND, INITIALLY, THAT HAS REPLACED/REPAIRED THESE 3 OPERATORS. THTESE SEAL FAILURES DO NOT AFFECT OPERABILITY OF SGT AS EXPLAINED IN THE ATTACHMENT.	12/2/94			MNT	
MWR 94-6732	D	SN 1-02024 - RECOMMEND AIR OPERATOR SGT-AO-251AV BE REBUILT BASED ON THE HIGH RATE OF SEAL FAILURE SEEN OVER THE PAST THREE YEARS. VENDOR STATES THE SEALS HAVE A 5-YR. SERVICE LIFE - NO MWR FOUND, INITIALLY, THAT HAS REPLACED/REPAIRED THESE 3 OPERATORS. THTESE SEAL FAILURES DO NOT AFFECT OPERABILITY OF SGT AS EXPLAINED IN THE ATTACHMENT.	12/2/94			MNT	
MWR 94-6733	D	SN 1-02024 - RECOMMEND AIR OPERATOR SGT-AO-DPCV546A BE REBUILT BASED ON THE HIGH RATE OF SEAL FAILURE SEEN OVER THE PAST THREE YEARS. VENDOR STATES THE SEALS HAVE A 5-YR. SERVICE LIFE - NO MWR FOUND, INITIALLY, THAT HAS REPLACED/REPAIRED THESE 3 OPERATORS. THTESE SEAL FAILURES DO NOT AFFECT OPERABILITY OF SGT AS EXPLAINED IN THE ATTACHMENT.	12/2/94			MNT	
MWR 94-6736	O	SN 1-04988 - TURBOCHARGER SPIN-DOWN TIME NOT MEETING M.P.7.2.53.3 STEP H.8.1.6.2	12/7/94			ENG	
MWR 94-6738	O	REPLACE FAILED CRD-CV-115CVs	12/23/94			MNT	
MWR 94-6740	C	SN 1-04402 - WHILE PERFORMING CAL FOR PM 06398 ON HPCI-65-90, ANNUNCIATOR WINDOW 93-2/C-2 DID NOT ALARM. OPERATOR DELETED AND RE-ENABLED RONAN PT. 1622, AND ALARM STILL WOULD NOT COME IN. INVESTIGATION SHOWED NO INTERLOCKS WHICH BLOCK THIS POINT. LS-90 SWITCHES ARE FUNCTIONING NORMALLY.	12/7/94		12/26/94	ENG	
MWR 94-6743	C	SN 1-04793 - DRYWELL UNIT IS MAKING A NOISE INDICATING THAT A BEARING MAY BE FAILING.	12/10/94		12/18/94	MNT	
MWR 94-6747	O	SN 1-00732 - MWR 92-2790 LO-RV-280 RV IS WRITTEN TO TEST AND SET PRESSURE ONLY. VALVE FAILED PRESSURE TEST. NEED MWR TO REPAIR OR REPLACE LO-RV-280 RV.	12/7/94			MNT	
MWR 94-6758	O	PM 07215 - PERFORM OPERATING IST TORQUE TEST FOR SUBJECT VALVES IN ACCORDANCE WITH S.P. 6.3.10.26. TORQUE WRENCH ADAPTER 25808 GASKET 03589 CONNECTING ROD 05811. (NOTE: NOTIFY OPS TO CHECK APPLICABILITY OF SP 6.3.10.26.1)	11/22/94			MNT-P	
MWR 94-6760	C	SN 1-01916 - RIGHT FUEL INJECTION PUMP IS EXCESSIVELY LEAKING FUEL OIL AROUND THE BASE OF THE PUMP. REPLACE/REPAIR FUEL PUMP.	12/10/94		1/8/95	MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6763	C	SN 1-04662 - WHEN PERFORMING SP 6.1.29A ON APRM "F" UPSCALE ALARM CAME IN AT 10.4%. ALLOWABLE RANGE IS 10.5 - 11.5% (STEP 8.2.16). UPSCALE TRIP CAME IN AT 13.4% ALLOWABLE RANGE IS 13.5 - 14.5% (STEP 8.2.2)	12/10/94		12/18/94	MNT	
MWR 94-6774	O	SN 1-04915 - ROTATE PIPE CLAMP TO RESTORE CORRECT ORIENTATION AND RESTORE SUPPORT FROM DEGRADED CONDITION.	12/5/94			MNT	
MWR 94-6775	O	SN 1-04951 - REPAIR SUPPORT ES-SNUB-(BS-542) - FOUND WITH ANCHOR BOLTS PULLED OUT OF CONCRETE.	12/5/94			MNT	
MWR 94-6779	O	SN 1-04911 - REPLACE SNUBBER IN HEATER BAY.	12/5/94			MNT	
MWR 94-6791	C	SN 1-01919 - BLOW DOWN CONTROL AIR LINES BETWEEN DG-SOV-DG1 (20EBB) AND DG-AO-MBI. THIS IS A CORRECTIVE ACTION FOR CR2 94-0642.	12/10/94		1/2/95	ENG	
MWR 94-6794	C	SN 1-04416 - NBI-LI-191B WOULD NOT ADJUST TO WITHIN CALIBRATION TOLERANCE WHILE PERFORMING SP 6.2.2.5.5A	12/12/94		1/13/95	MNT	
MWR 94-6795	O	SN 1-04602 - ON TB 155 LOCK NUT HAS COME LOOSE ALLOWING CONDUIT TO FALL FROM BOX. UNISTRUT STRAP MISSING ON CONDUIT HANGER FOR CONDUIT TO TB 155.	12/12/94			MNT	
MWR 94-6806	D	SN 1-04690 - RECEIVED GROSS LEAKAGE FROM THE HOSE CONNECTED TO SW-862 AT STEP 8.1.37 OF SP 6.3.20.1	1/9/95			MNT	
MWR 94-6815	C	SN 1-03618 - UPON EXITING DRYWELL, THE INSIDE AIRLOCK DOOR HAND WHEEL CAME OFF.	12/15/94		1/10/95	OPS	
MWR 94-6817	O	SN 1-03134 - DEMONSTRATE OPERABILITY OF SW-MO-37MOV BY ACTUATING SW-PS-364B.	12/10/94				
MWR 94-6823	C	SN 1-04705 - CS-FI-50A HAD ~ 250 GPM OSCILLATIONS DURING PERFORMANCE OF 6.3.4.1. ALSO AFTER INITIAL START CS-FI-50A FLOW INDICATED, PMIS FLOW POINT N000 SHOWED ~ 1000 GPM.	12/15/94		1/13/95	OPS	
MWR 94-6832	C	REMOVE AND REPLACE DG-SOV-DG1 (20SLO) PER MP 7.2.49.	12/15/94		1/11/95	MNT-M	
MWR 94-6838	O	PM 03657 - CLEAN THE STRAINER 3IN 150 FLEXATALIC GASKET - 15/16IN WR.	11/22/94			MNT-P	
MWR 94-6839	C	SN 1-04869 - DURING INSPECTION OF RHR-SNVR-(RH-27A BTR) THE ANCHOR BOLTS HOLDING THE SUPPORT FRAME TO THE FLOOR WERE FOUND LOOSE AND PULLED OUT OF THE FLOOR. THE SUPPORT FRAMEWORK IS LOOSE AND ROCKS BACK AND FORTH. THE SUPPORT HAS BEEN DECLARED VISUALLY INOPERABLE BECAUSE IT FAILED TO MEET THE REQUIREMENTS OF PROC. 7.2.34.1, STEP 8.2.1.17.	11/25/94		12/18/94	EPD	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6840	C	SN 1-04897 - DURING INSPECTION OF RHR-SNVR-(RH-27A BTR) THE ANCHOR BOLTS HOLDING THE SUPPORT FRAME TO THE FLOOR WERE FOUND LOOSE AND PULLED OUT OF THE FLOOR. THE SUPPORT FRAMEWORK IS LOOSE AND ROCKS BACK AND FORTH. THE SUPPORT HAS BEEN DECLARED VISUALLY INOPERABLE BECAUSE IT FAILED TO MEET THE REQUIREMENTS OF PROC. 7.2.34.1, STEP 8.2.1.17.	11/25/94		12/18/94	EPD	
MWR 94-6841	C	SN 1-04897 - DURING INSPECTION OF RHR-SNVR-(RH-27A BTR) THE ANCHOR BOLTS HOLDING THE SUPPORT FRAME TO THE FLOOR WERE FOUND LOOSE AND PULLED OUT OF THE FLOOR. THE SUPPORT FRAMEWORK IS LOOSE AND ROCKS BACK AND FORTH. THE SUPPORT HAS BEEN DECLARED VISUALLY INOPERABLE BECAUSE IT FAILED TO MEET THE REQUIREMENTS OF PROC. 7.2.34.1, STEP 8.2.1.17.	11/25/94		12/18/94	EPD	
MWR 94-6849	O	SN 1-01936 - REPLACE THE BOLTS ON THE OUTLET FLANGE OF SW-RV-S2 RV. NON-ESSENTIAL BOLTS WERE INSTALLED ON MWR 94-2252. POSSIBLE CNSNO'S ARE 19575 OR 19576.	12/15/94			OPS	
MWR 94-6853	O	SN 1-04619 - REPLACE THROAT BAFFLE ON IFS BREAKER. USE CIRCUIT BREAKER THROAT BAFFLE FROM GE LISTED UNDER CNSNO 31582. THIS THROAT BAFFLE FAILURE IS DOCUMENTED BY DR-084. BREAKER SWAPPED UNDER MWR 93-2571.	12/15/94			OPS	
MWR 94-6855	C	SN 1-04897 - DURING INSPECTION OF RHR-SNVR-(RH-27A BTR) THE ANCHOR BOLTS HOLDING THE SUPPORT FRAME TO THE FLOOR WERE FOUND LOOSE AND PULLED OUT OF THE FLOOR. THE SUPPORT FRAMEWORK IS LOOSE AND ROCKS BACK AND FORTH. THE SUPPORT HAS BEEN DECLARED VISUALLY INOPERABLE BECAUSE IT FAILED TO MEET THE REQUIREMENTS OF PROC. 7.2.34.1, STEP 8.2.1.17.	11/25/94		1/12/95	EPD	
MWR 94-6873	C	SN 1-04625 - TB 2, TERMINAL #56 IN DG1 RELAY AND METERING CABINET HAS A LOOSE CONNECTION ON THE INTERNAL SIDE.	12/17/94		12/26/94	MNT	
MWR 94-6877	O	SN 1-04434 - DURING PERFORMANCE OF DC 94-335, IT WAS FOUND THAT THE LINEARITY FOR TRANSMITTERS RFC-FT-50A AND RFC-FT-50B COULD NOT BE ADJUSTED TO MEET REQUIRED TOLERANCES. REPLACE TRANSMITTERS WITH CNSNO 29983.	12/17/94			MNT	
MWR 94-6878	O	SN 1-04431 - SHUTOFF VALVE APPEARS TO BE LEAKING BY MAKING IT DIFFICULT TO PERFORM CALIBRATION. REPLACE VALVE.	12/17/94			MNT	
MWR 94-6881	O	SN 1-00014 - PERFORM A UT EXAMINATION ON A 6" X 4" REDUCING TEE LOCATED IMMEDIATELY DOWNSTREAM OF VALVE SW-AOV-2797A, ON THE DG1 PORTION OF THE SERVICE WATER SYSTEM. THE E/C ENGINEER WILL SUPPLY LOCATION DRAWINGS AS WELL AS ANY REQUIRED SPECIAL INSTRUCTIONS	12/10/94				

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6892	C	SN 1-04627 - STARTER FOR JACKET WATER BYPASS PUMP DG1 WAS OBSERVED TO BE CHATTERING DURING ATTEMPT TO CLOSE. PREVIOUSLY WAS INVESTIGATED ON MWR 93-3041.	12/19/94		1/2/95	MNT	
MWR 94-6893	O	SN 1-04752 - SRV-E TAILPIECE PRESSURE SWITCH ALARMED WITH NO MAIN STEAM PRESSURE IN TAILPIECE.	12/19/94			MNT	
MWR 94-6894	O	SN 1-04438 - UPON COMPLETION OF 6.3.17, IT WAS FOUND THAT THE HEAT TRACE TEMPERATURE AND TOTAL PRESSURE READINGS ARE TOO HIGH. IT APPEARS THE CAUSE IS A BAD PRESSURE TRANSDUCER WHICH HAS CONTROL OVER THE HEAT TRACE TEMPERATURE PER VENDOR MANUAL.	12/19/94			MNT	
MWR 94-6895	O	SN 1-04714 - INVESTIGATION UNDER MWR 94-5889 REVEALED A GROUND IN THE RCIC EGM CONTROL BOX. BROUND EXISTS ON CONTROL BOX INPUT, TERMINALS 1 AND 2. NO GROUND INDICATED ON ANY OUTPUT. REPAIR OR REPLACE AS NECESSARY.	12/17/94			MNT	
MWR 94-6896	O	SN 1-04755 - FULL IN/FULL OUT INDICATORS ON FULL CORE DISPLAY FOR ROD 14-27 DO NOT WORK (ROD WILL INDICATE 00 AND 48 ON RPIS, OD7 AND ROD SELECT WINDOW).	12/19/94			MNT	
MWR 94-6897	C	SN 1-04748 - WHILE PERFORMING EMER. LTG. 30 SEC. TEST (SP 6.3.13.2.1) FOUND EE-LTG-R3 LIGHTS NOT WORKING.	12/19/94		12/23/94	MNT	
MWR 94-6898	C	SN 1-04750 - FOUND EE-LTG-R64 REMOTE LAMP ON 945' LEVEL NOT WORKING WHILE TESTING	12/19/94		12/23/94	MNT	
MWR 94-6899	C	SN 1-04745 - FOUND EE-LTG-R12 NOT WORKING WHILE TESTING	12/19/94		12/23/94	MNT	
MWR 94-6903	C	SN 1-04435 - JUMPED ACROSS SWITCH AT TERMINAL BLOCK ON SWITCH BODY TO SIMULATE ALARM CONDITION AND THE ALARM CAME IN. SWITCH APPEARED TO BE OPENING AND CLOSING, BUT THE ANN SYSTEM DOESN'T SEEM TO SEE IT.	12/17/94		1/16/95	MNT	
MWR 94-6905	O	SN 1-01937 - WHILE PERFORMING SP 6.3.10.1, DRYWELL AND TORUS SURFACES AND STRUCTURAL ELEMENTS INSPECTION, A SEAL RETAINING RING HOLD-DOWN NUT ON THE TORUS-TO-DRYWELL VACUUM BREAKER VALVE PC-AOV-NRV20 WAS OBSERVED TO HAVE A GAP BETWEEN THE RING AND INSIDE THE SURFACE OF THE NUT. IT APPEARS THAT THE NUT IS NOT FULLY TIGHTENED. THE NUT IS REPRESENTED AS ITEM #1-15 ON GPE CONTROLS DRAWING LF-240 (G2020*LF-240-117). THE LOOSE NUT IS LOCATED ATA THE 6.00 POSITION ON THE DISC AND DISC SEAL RING.	12/15/94			OPS	
MWR 94-6906	O	SN 1-04717 - RECIRC PUMPS AND MOTOR TEMPS RECORDER RR-TR-31 POINTS 2 & 19 FAILED UPSCALE (RED ARROW ITEM).	12/19/94			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6916	O	SN 1-04707 - CO2-SD-DG-1B IS NOT WORKING PROPERLY. ON 12/14/94 (O2 WAS ABORTED AND POWER WAS REMOVED TO DG1 CO2 SYSTEM FROM EE-PNL-DG1(5) AND EE-PNL-LPDG1(17)). SMOKE DETECTORS A, C, AND D ALARMED ~ 1 MIN AFTER POWER WAS LOST. SMOKE DETECTOR B ALARMED ~ 22 HOURS LATER. POWER WAS RESTORED ON 12/15/94. SMOKE DETECTORS A, B, C, AND D RESET. WHEN THE SMOKE DETECTOR RESET PUSH BUTTONS WERE DEPRESSED, ONLY A, C, AND D REFLASHED (SOP 2.2.2). (O2 SYSTEM FOR DG-1 IS IN ABORT.)	12/17/94			MNT	
MWR 94-6918	O	SN 1-04423 - DURING CALIBRATION OF RF-AOV-LCV760, RF-LT-760 AND RF-LIC-760, FOUND THAT RF-AOV-LCV760 IS STICKING AND OUT OF CAL. REPAIR VALVE AND AIR OPERATOR. REF WI 94-6289 AND WI 94-6787.	12/15/94			OPS	
MWR 94-6925	O	PC HYDROGEN ANALYZER REMOTE	1/4/95			MNT	
MWR 94-6926	O	DGSA DOWNSTREAM FLANGE THREADED CONNECTION AIR LEAK IN DGSA-CV-18CV AND OUTLET SIDE OF DGSA-CV-14CV THREADED CONNECTION AIR LEAK.	12/23/94			MNT	
MWR 94-6927	O	SN 1-00733 - RHR-MOV-M020 PACKING ADJUSTMENT USED UP. VALVE NEEDS TO BE REPACKED.	11/17/94			MNT	
MWR 94-6971	C	PER SURVEILLANCE PROCEDURE 6.3.4.1 PERFORMED ON 12/22/94, THE CORE SPRAY PUMP DISCHARGE PRESSURE WAS RECORDED AT 394 PSIG. THIS READING IS APPROXIMATELY 100 PSIG HIGHER THAN THE SAME READING TAKEN PER SURVEILLANCE PROCEDURE 6.3.4.1 ON 12/14/94. THESE TESTS WERE BEING RUN PER DC 94-046.	12/23/94		1/2/95	MNT	
MWR 94-6974	C	ARTICULATING ROD PIN BALE FAILURES ASSOCIATED WITH IRON PLATING REPAIRS HAVE OCCURRED AT PALO VERDE IN 1987 AND BRAIDWOOD IN 1994. SUBSEQUENT INFORMATION AFTER THE BRAIDWOOD FAILURE IDENTIFIED HTE RODS IN THE CNS ENGINES AS NOT HAVING RECORDS TO INDICATE IRON PLATING REPAIR OR NOT.	12/23/94		1/15/95	MNT	
MWR 94-6976	O	HPCI-SLD-PANEL 4 TEMPERATURE SWITCHES FAILED TO BRING IN GROUP 4 AND PICK UP THE APPROPRIATE RELAYS.	12/23/94			MNT	
MWR 94-6980	O	PERFORM PROCEDURE 14.2.6 ON TIP C.	12/23/94			MNT	
MWR 94-6985	O	CS MOV 26B WAS OVER TORQUED INTO ITS BACK SEAT. DISASSEMBLE AND INSPECT CS MOV 26B.	12/26/94			MNT	
MWR 94-6986	C	DOOR LATCH WILL NOT FUNCTION	12/26/94		1/15/95	MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-6987	C	CLEAN COOLING COILS USING CLEANING SOLUTION AND COLD WATER PRESSURE WASH. CLEAN FAN WHEEL AND FAN SHAFT. IF REST FOUND ON FAN SHAFT REMOVE W/EMERY CLOTH AND RESET WITH RUST-VETO #344. INSPECT DRAIN PAN FOR SLUDGE/FOREGN MATERIAL.	12/26/94		1/8/95	MNT	
MWR 94-6993 MWR 94-6994	O	SLC-RV-10RV IS LEAKING WATER FROM THE TOP CAP AT A RATE OF ONE DROP PER TEN SECONDS. SLC-RV-11RV IS ALSO LEAKING AT ABOUT ONE DROP PER THIRTY SECONDS. LEAK ON 11RV APPEARS TO BE AROUND THE THREADED BODY OF RELIEF VALVE.	12/26/94			MNT	
MWR 94-7011	O	INSTALL SPARE H2/92 PUMP REBUILT UNDER APPROVED MWR 94-3190.	1/9/95				
MWR 94-7030	C	HOOK UP RECORDER FOR TESTING #2 DGs 4MX RELAY.	12/26/94		1/12/95	MNT	
MWR 94-7031	C	UPON REMOVAL OF THE PAINT FOR A VT EXAMINATION (PER MWR 94-6542) OF THE CENTER ON TOP OF THE TORUS (DISCOVERED DURING SP 6.3.10.12), FILLTER MATERIAL (I.E., BRASS) WAS OBSERVED IN THE CRATER. THE UT PERFORMED UNDER 94-6542 WAS INCONCLUSIVE AS A RESULT OF THE FILLER MATERIAL.	12/26/94		1/15/95	MNT	
MWR 94-7038	C	SN 1-06519 - PC-TR-23 IS PRINTING FAINTLY. REPAIR AS NECESSARY.	1/5/95		1/13/95	MNT	
MWR 94-7039	O	DURING PERFORMANCE OF 14.2.15 FOR PM 02142 GEAR BOX WAS REMOVED BY MISTAKE AND SRM C DETECTOR AND DRIVE TUBE FELL OUT. DRIVE TUBE APPAERS TO BE DAMAGED. REPAIR/REPLACE TUBE ASSEMBLY AND DETECTOR AS NECESSARY.	12/27/94			MNT	
MWR 94-7040	O	MS-V-905 FOUND CLOSED (APPARENTLY)	12/23/94			MNT	
MWR 94-7046	O	PERFORM A DESIGN BASIS DIFFERENTIAL PRESSURE TEST OF CS-MOV-MO5B USING STP 93-158B, AMENDMENT #1.	12/27/94			MNT	
MWR 94-7047	O	VALVE DID NOT APPEAR TO CLOSE 100% WHEN HCU CLEARANCE WAS RELEASED AFTER SSPV AND SCRAM VALVE DIAPHRAGM REPLACEMENTS. SCRAM INLET ALSO APPEARS TO HAVE A PACKING LEAK	12/26/94			MNT	
MWR 94-7050	O	SMOKE DETECTORS CO2-SD-(DG-2C) AND CO2-SD-(DG-2D) DID NOT ALARM IN CONTROL ROOM (C-4/F-5) WHEN DE-ENERGIZED FOR C-O 94-1885.	12/27/94			MNT	
MWR 94-7051	O	DURING PERFORMANCE OF 6.3.1.1, RCIC-CV-12CV FAILED ITS IST SEAT LEAKAGE TEST AT > 600 SC OF LEAKAGE. THE TEST WAS PERFORMED ON 12/26/94 AT 1620 HRS.	12/27/94			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 94-7054	O	ON TOUR, NOTICED A SMALL PUDDLE OF WATER ON FLOOR, LEAKING WATER FROM 903 LEVEL THROUGH CEILING DOWN TO FLLOR ON R-881-NE. THIS WATER TRAVEL PATH INCLUDES DRIPPING ONTO TB-246, EVIDENCED BY DROPS OF WATER AND WHITE RESIDUE ON TB-246. THIS INDICATES AS CONDENSATE WATER FROM DUPLEX UNIT DIRECTLY ABOVE. THIS TB IS LABELED AS EQ.	12/26/94			MNT	
MWR 94-7055	O	HV-FR-4000 AND RX BLDG. KAMAN INDICATE RX BLUILDING EXHAUST FLOW ~ 5000 cfm WHILE ACTUAL FLOW SHOULD BE ~53000 cfm. APPARENTLY, FT-4000 WAS DAMAGED DURING EVENT DESCRIBED IN SN 1-06147.	12/26/94			MNT	
MWR 94-7061	O	DURING INSTALLATION OF REC-MOT-709MV A MOTOR THRU BOLT WAS DISCOVERED AS BROKEN - AT THE BREAK IT LOOKS LIKE IT HAS EXISTED FOR SOME TIME. MOTOR APPEARS TO HAVE BEEN HIT ON SIDE.	1/2/95			MNT	
MWR 94-7085	C	BACKFILL REFERENCE LEG A6 ON DWG IL-E-70-3 SH 13 PER IAC PROCEDURE 14.4.4. BACKFILL FROM CS-DPIS-43B ON RACK 25-1.	1/2/95		1/16/95	MNT	
MWR 94-7089	C	BACKFILL REFERENCE LEGS IDENTIFIED AS A1 ON DWG IL-E-70-3 SH 22 AND A4 ON DWG IL-E-70-3 SH 23 (JET PUMP INSTRUMENTS USING SLC INJECTION LINE AS REFERENCE) FROM INSTRUMENT RACKS 25-51 AND INSTRUMENT RACK 25-52 PER IAC PROCEDURE 14.4.4. RECOMMEND BACKFILL FROM FT-64A ON RACK 25-52 AND DPT 62 ON RACK 25-51.	1/2/95		1/13/95	MNT	
MWR 94-7093	O	SN 1-06087 - HCV 10-39 ACCUMULATOR ALARMING DUE TO HIGH WATER LEVEL INSTRUMENT BLOCK. WHEN BLOCK IS DRAINED, HCU ALARMS ~ 4 HOURS LATER. ACCUMULATOR IS LEAKING EXCESSIVELY.	1/2/95			MNT	
MWR 95-0004	O	SN 1-06082 - COIL FOR RELAY 20A-K350 WAS DETECTED AT OVER 235 DEGREES WHEN LOOKED AT WITH INFRARED CAMERA. OTHER RELAY COILS IN SAME AREA WERE ABOUT 82 DEGREES. REPLACE RELAY COIL. DIV II. SN 1-06082	1/4/95			MNT-E	
MWR 95-0006	C	SN 1-06096 - RECEIVED ANNUNCIATOR 9-5-1/F-7 FORM UPSCALE/INOP IDENTIFIED "B" SRM BEING INOP; B SRM PERIOD WAS PEGGED DOWNSCALE; SRM B LEVEL DRIFTED DOWNSCALE. AMBER UPSCALE/INOP LIGHT FOR SRM B AT PANEL 9-5 WAS LIT; HOWEVER, LIGHTS WERE LIT ON PANEL 9-12.	1/2/95		1/13/95	MNT	
MWR 95-0020	O	SN 1-05819 - WHILE TROUBLESHOOTING FOR 125B GROUND INDICATION (REF MWR 95-0001) FOUND GROUND BEING CAUSED BY LOGT-PS-63AM1C. ELECTRICIANS LIFTED AND TAPED WIRE 63AM 1C-COM ON TB5 TERMINAL 13 IN TERMINAL BOX TB-T-353; THIS WAS DANGER TAGGED UNDER CR 94-1922.	1/2/95			MNT	
MWR 95-0021	O	CONTAINMENT H2/02 REMOTE PANEL/DIV II	1/4/95			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 95-0022	O	SN 1-06470 - DURING INVESTIGATION OF 125 VDC 4 GROUND MWR 95-0001 FOUND RED INDICATING LIGHT FOR SRV F ON WITH THE SOLENOID DISCONNECTED.	1/2/95			MNT	
MWR 95-0023	O	SN 1-06095 - INDICATING DOWNSCALE	1/2/95			MNT	
MWR 95-0027	C	SN 1-01855 - MCC-RV TOPHAT SECTION 4 DOES NOT MATCH THE DRAWING (B&R 3253 SHEET RB-1) THE WIRES ARE TAPED SW886 . . . AND GO TO SW887MV STARTER UNIT 4D AND SW889MV STARTER UNIT 5D.	1/3/95		1/13/95	MNT	
MWR 95-0029	O	SN 1-04466 - DURING PERFORMANCE OF 14.7.8, STEP 8.6.54 FOUND CONT. A METER ON PNL B (DEH PNL) DID NOT READ PROPERLY. OPS DEPENDS ON CONT. 1 & CONT. B MOTORS TO ACCURATELY DISPLAY OFFSET BETWEEN CONTROLS. DETERMINE CAUSE AND RECOMMEND CORRECTIVE ACTION.	1/5/95			MNT	
MWR 95-0030	O	SN 1-04969 - EH LEAK AT MS-HO-IV3 CONTROL BLOCK. IT APPEARS LEAK IS COMING FROM EMERGENCY TRIP HEADER CHECK VALVE.	1/4/95			MNT	
MWR 95-0031	O	SN 1-0[illegible]08 - HV-AOV-271AV FAILS TO CLOSE COMPLETELY	1/3/95			MNT	
MWR 95-0034	O	SN 1-05622 - ARW BLDG SUPPLY, MOTOR FOR ARW BLDG. SUPPLY VALVE				MNT	
MWR 95-0038	O	SN 1-04763 - ALL SCRAM INLET AND OUTLEV VALVE LIMIT SWITCHES				MNT	
MWR 95-0039	O	SN 1-01353 - REACTOR RECIRCULATION PUMP A LOW SUCTION PRESSURE TO RHR INTERLOCK, REACTOR RECIRCULATION PUMP B LOW SUCTION PRESSURE TO RHR INTERLOCK.				MNT	
MWR 95-0040	O	SN 1-01354 - PUMP DISCHARGE LOW FLOW ALARM AND MINIMUM FLOW CONTROL				MNT	
MWR 95-0041	O	SN 1-05913 - SDV DRAIN VALVE EXCEEDED TECH SPEC CLOSING TIME DURING SP 6.1.15.	1/4/95			MNT	
MWR 95-0043	O	SN 1-01355 - CS & RHR PUMP DISCHARGE PRESSURE SWITCHES ADS PERMI				MNT	
MWR 95-0046	O	SN 1-00309 - CHARGER EE-CHG-125(1B) REQUIRES TESTING TO DETERMINE CAUSE OF TROUBLESHOOTING UNDER CONDITION WHEN OUTPUT BREAKER IS OPEN AND RECEIVED CHARGER GROUND ANNUNCIATOR. THE ATTACHED SHEETS PROVIDE SPECIFIC TESTS TO BE PERFORMED FOR FURTHER EVALUATION.	1/2/95				
MWR 95-0047	C	SN 1-00309 - CHARGER EE-CHG-250(1B) REQUIRES TESTING TO DETERMINE CAUSE OF TROUBLESHOOTING UNDER CONDITION WHEN OUTPUT BREAKER IS OPEN AND RECEIVED CHARGER GROUND ANNUNCIATOR. THE ATTACHED SHEETS PROVIDE SPECIFIC TESTS TO BE PERFORMED FOR FURTHER EVALUATION.	1/2/95		1/16/95		

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 95-0050	O	SN 1-04933 - HPCI EXHAUST DRIPLEG DRAIN TO GLAND CONDENSER				MNT	
MWR 95-0051	O	SN 1-04933 - HPCI EXHAUST DRIPLEG DRAIN TO EQUIPMENT DRAINS				MNT	
MWR 95-0052	O	SN 1-04101 - HPCI-P-CP DISCHARGE TO AUXILIARY COOLING RETURN				MNT	
MWR 95-0053	O	SN 1-05545 - DRYWELL SUPPLY ISOLATION				MNT	
MWR 95-0054	O	SN 1-05927 - DURING PERFORMANCE OF SP 6.3.19.1, SGT OP TEST Z2 SUMP PUMP FAILED TO STOP AFTER ~ 15 MINUTS OF OPERATION, WHEN PUMP CONTROL SWITCH WAS PLACED IN OFF AND BACK TO AUTO PUMP RESTARTED. Z1 SUMP PUMP OPERATES NORMALLY AND AS EXPECTED.	1/5/95			MNT	
MWR 95-0055	O	SN 1-05546 - DRRYWELL SUPPLY ISOLATION				MNT	
MWR 95-0057	O	SN 1-04737 - RW SUMPS W, Y, & Z				MNT	
MWR 95-0058	O	SN 1-02565 - REACTOR EQUIPMENT COOLING PUMP B				MNT	
MWR 95-0059	C	SN 1-05527 - HPCI-PCV-2770 - DIAPHRAGM SUPPLY PRESSURE			1/13/95	MNT	
MWR 95-0060	O	SN 1-05945 - PC-TI-510A INDICATES ~ 100 DEGREES WHILE PC-TI-510B THROUGH PCITI-510E INDICATE ~ 80-82 DEGREES. ALL OTHER TEMPERATURE INDICATOS INDICATE ~ 80 TO 90 DEGREES IN DRYWELL. PC-TI-510A WAS RECENTLY CALIBRATED BY I&C. PMIS POINT N357 PRINTING INCONSISTENT INDICATION.	1/6/95			MNT	
MWR 95-0061	O	SN 1-05547 - SOUTH CRITICAL LOOP SUPPLY				MNT	
MWR 95-0063	O	SN 1-05099 - ELEVATED RELEASE POINT SUMP Z LEVEL SWITCHES				MNT	
MWR 95-0065	O	SN 1-04468 - DURING PERFORMANCE OF SP 6.2.2.8.16 RECORDER PC-TR-21 READ APPROX. 6.5 DEGREES FARENHEIT HIGHER THAN MEASURED TEMP WHICH WAS OUT OF ALLOWABLE RANGE. PC-TR-23 READ WITHIN TOLERANCE, APPEARS TO BE RECORDER PROBLEM.	1/7/95			MNT	
MWR 95-0067	O	SN 1-05951 - CHARGING WATER RISER SHUTOFF				MNT	
MWR 95-0069	O	SN 1-04931 - REC CHEMICAL PUMP DISCHARGE				MNT	
MWR 95-0070	C	SN 1-05937 - WITH FULL SCRAM IN AND SCRAM DISCHARGE VOLUME NOT DRAINED, WATER WAS DRIPPING FROM PIPE CAP DOWNSTREAM OF CRD-V-64; ONE DROP EVERY 7 SECONDS	1/7/95		1/16/95	MNT	
MWR 95-0071	O	SN 1-06487 - PILOT VALVE FOR HPCI-AO70, PILOT VALVE FOR HPCI-A071, CONTROL SWITCH FOR HPCI-A070 AND A071				MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 95-0076	O	SN 1-04971 - SLIGHT EH LEAK AT MS-HO-IV4, MS-HO-IV2 & MS-HO-SV5 DRAIN LINE	1/5/95			MNT	
MWR 95-0079	O	SN 1-03484 - SUBJECT VALVE TESTING UNDER MWR 95-041 INDICATED A PLUGGED PRV.	1/7/95			MNT	
MWR 95-0080	O	SN 1-05529 - WHILE PERFORMING PM 02142 PER 14.2.15 STEP 8.3.7.3, FOUND INSERTION LIMIT SWITCH LS4 BAD, TERMINAL #8 IS DAMAGED, SWITCH CASING IS MISSING EXPOSING INTERNALS. REPLACE LS4 IN NMI-MM-11K (IRM-F) AND TEST PER 14.2.15 AND 6.3.14.1.	1/9/95			MNT	
MWR 95-0085	O	SN 1-04979 - FUSES 11-F1 AND 11-F4 IN CIC's CIRCUITRY				MNT	
MWR 95-0090	O	SN 1-05963 - CRD-V-113 (34-27) IS LEAKING BY INTERNALLY WHICH WILL NOT PERMIT HCU ISOLATION FOR WORK ON 115CV.	1/10/95			MNT	
MWR 95-0092	O	SN 1-05533 - +13VDC POWER SUPPLY READS 23.90VDC AND 1.03VAC RIPPLE WHICH DOES NOT MEET CALIBRATION TOLERANCE OF 12 TO 14 VDC AND IS LESS THAN OR EQUAL TO 300m VAC, PER SP 6.4.4.2, STEPS 8.2.1 AND 8.2.2. REPAIR OR REPLACE POWER SUPPLY AS NEEDED.	1/10/95			MNT	
MWR 95-0114	O	SN 1-04465 - FOUND WIRE INSULATION WAS 63 AMIC-COM WORN THROUGH, FRAYED, OIL-IMPREGNATED AND DETERIORATING, CAUSING GROUND FAULT ON 125B (REF. MWR 95-0001). ALSO FOUND OTHER WIRES GOING TO VARIOUS SWITCHES AND ASSOCIATED LIGHTS LISTED ON CR 101TH SIMILAR DETERIORATING FAULTS.	1/6/95			MNT	
MWR 95-0115	O	SN 1-01960 - POLISH HEADS OF PUMP - WRITTEN TO GENERATE MWR 94-3190.	1/9/95				
MWR 95-0116 MWR 95-0117	O	SN 1-05973 - NORTH SCRAM DISCHARGE VOLUME VENT ISOLATION AND VACUUM BREAKER VALVES ARE LEAKING THROUGH SEAT TO DISC WITH FULL SCRAM INSERTED AND REACTOR AT ATMOSPHERIC PRESSURE 15-20 DROPS PER MINUTE.	1/11/95			MNT	
MWR 95-0119	O	SN 1-05967 - WHILE PERFORMING PMT INSPECTION, FOUND SLC RELIEF VALVE CAP LEAKING BY. THIS IS INDICATED BY CRYSTAL FORMATION FOUND AROUND THE CAP ITSELF.	1/11/95			MNT	
MWR 95-0126	O	DURING PERFORMANCE OF PM 02902 ON SW-DPIS-92B, FOUND LOW SIDE TRIP SWITCH TO BE IMPROPERLY WIRED. RHR HX B TUBE TO SHELL LO DP ALARM	1/16/95			MNT	
MWR 95-0127	O	SN 1-02911 - WATER SEPARATOR 1A ISOLATION	1/12/95			MNT	
MWR 95-0131	O	SN 1-05839 - LIMIT SWITCHES FOR SLC-V-16 NEED REPLACED. RUBBER BOOTS ARE MISSING AND SWITCHES ARE STICKING.	1/10/95			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 95-0135	O	SN 1-02095 - EH FLUID LEAKS AT MS-HO-SV4 AND MS-HO-SV6. NOT SURE EXACTLY WHERE LEAKS ARE COMING FROM. SYSTEM WILL NEED TO BE PRESSURIZED TO LOCATE LEAKS. EH GLUID LEAK ALSO AT MS-HO-IV3 SUPPLY VALVE (TGF-V-56)	1/11/95				
MWR 95-0139	O	SN 1-06405 - INADEQUATE POST-MAINTENANCE TESTING. CS-MOV-MO5A WAS INSPECTED PER MWR 94-6882 AND REPLACED PER MWR 94-6885. MP 7.3.35.5 WAS ASSIGNED AS PMT FOR BOTH MWRs AND WAS SATISFACTORILY COMPLETED PER MWR 94-6882. MP 7.3.35.5 INDICATED THAT THE MOV WOULD NOT BE INSITU TESTED. STP 93-158B (MP 7.3.35.6) SHOULD HAVE BEEN ASSIGNED AS PMT. THE REPLACEMENT VALVE IS NOT IDENTICAL TO ORIGINAL AS DOCUMENTED IN RCE 94-071.	1/12/95			MNT	
MWR 95-0146 MWR 95-0125	O	SN 1-05958 - RHR HX RAD MONITOR IS OUT OF SERVICE. THEREFORE, SWBP MUST BE RUN. IT IS DESIRED TO REMOVE THE UMP FROM SERVICE. NEED RAD MONITOR REPAIRED.	1/12/95				
MWR 95-0153	O	SN 1-02598 - FASTENERS FOR RCIC SPOOL PIECE IN STEAM TUNNEL HAVE ROLLED THREAD AND RUTS ARE NOT ALL SAME SIZE (SOME ARE HEAVY, REST ARE STANDARD).	1/13/95			MNT	
MWR 95-0160	O	SN 1-05994 - SW-DPIC-130B IS OSCILLATING IN MANUAL CAUSING 2000 gpm FLOW OSCILLATIONS	1/14/95			MNT	
MWR 95-0167	O	SN 1-02662 - PERFORMED APPLICABLE STEPS OF 6.1.21 ON SRM "A" TO TEST PULSE HEIGHT DISCRIMINATOR MODULE AND PREAMP FOR MWR 94-6456. RESULTS WERE APPROXIMATELY THE SAME AS STATED ON SN 1-01805. FURTHER TROUBLESHOOT TO DETERMINE CAUSE AND RECOMMEND CORRECTIVE ACTION.	1/13/95			MNT	
MWR 95-0168	O	SN 1-05013 - INBOARD PUMP OILER (TURBINE SIDE) IS COMPLETELY EMPTY.	1/16/95			MNT	
MWR 95-0171	O	SN 1-05565 - THE MOV PROGRAM PROJECT TEAM IS EVALUATING THE NEED TO REFURBISH THE LIMITORQUE ACTUATORS ON PC-MOV-230MV -231MV -232MV, AND 233MV PRIOR TO PLANT STARTUP. PERFORMING MP 7.2.50.1, LIMITORQUE MECHANICAL INSPECTIONS ON ONE OF THESE UNITS WILL PROVIDE VALUABLE DATA AS TO THE CONDITION OF THE MAIN GEAR BOX LUBRICANT.	1/16/95				

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
MWR 95-0197	O	SN 1-06496 - DURING PERFORMANCE OF SP 6.4.5.5 FOUND CO2-REL-TDR (DG1)(TDR) TO COME IN AFTER ` 30 SEC. ON 56 FIRST ACTUATION, ON THE THIRD ACTUATION IT WAS DOWN TO ` 18 SEC. IT SHOULD BE ` 50 SEC. PER SP 6.4.5.5. A CAL TOLERANCE SHOULD BE DETERMINED AND RELAYS SHOULD ACTUALLY BE TIMED AND CALIBRATED PER SP 6.4.5.5. THIS CR SHOULD GENERATE WIs TO CALIBRATE BOTH DG1 AND DG2 RELAYS AND GET INGINEERING INVOLVED TO ESTABLISH TOLERANCES AND PROCEDURE CHANGES.	1/16/95				
NCR 94-048	O	DETERMINE IF PROCEDURE 2.1.4 REQUIRES REVISION TO SPECIFY THAT MECHANICAL VACUUM PUMPS BE SECURED IMMEDIATELY UPON OPENING RPV VENTS.	12/23/94			OPS	
PM 00124	C	INSPECT EMERG LIGHTING UNITS PER MP 7.3.12 ATTACH (PM 00124)	11/22/94		12/9/94	MNT-P	
PM 00192	C	CALIBRATE	11/22/94		12/8/94	MNT-I	
PM 00194	O	INSPECT PER MWP 5.3.3. CHECK BRUSH AND COMMUTATOR CONDITION.	11/22/94			MNT-E	
PM 00265	O	TAKE OUTAGE VIRRATION READINGS OF EQUIPMENT LISTED ON ATTACHMENT 3 MP 7.2.36	11/22/94			MNT-ME	
PM 00335	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00335)	11/22/94			MNT-P	
PM 00336	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00336)	11/22/94			MNT-P	
PM 00337	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00337)	11/22/94			MNT-P	
PM 00338	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00338)	11/22/94			MNT-P	
PM 00339	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00339)	11/22/94			MNT-P	
PM 00340	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00340)	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 00341	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00341)	11/22/94			MNT-P	
PM 00342	O	REMOVE AND PREPARE FOR SHIPMENT AND TESTING. UPON RETURN, PERFORM PT TO INLET TUBE SUPPORT CLIP WELDS AND RE-INSTALL PER MP 7.2.22.1. (PM 00342)	11/22/94			MNT-P	
PM 00343	O	CALIB	11/22/94			MNT-I	
PM 00722	O	INSPECT PER MWP 5.3.3	11/22/94			MNT-E	
PM 00723	C	INSPECT PER MWP 5.3.3	11/22/94		12/6/94	MNT-E	
PM 00751	C	INSPECT AND LUBRICATE	11/22/94		11/25/94	MNT-E	
PM 00752	C	INSPECT AND LUBRICATE	11/22/94		11/25/94	MNT-E	
PM 00753	C	INSPECT AND LUBRICATE	11/22/94		11/25/94	MNT-E	
PM 00754	C	INSPECT AND LUBRICATE	11/22/94		11/25/94	MNT-E	
PM 00950	D	INSPECT PER MWP 5.3.3 CHECK BRUSH AND COMMUTATOR CONDITION	11/22/94			MNT-E	
PM 00951	D	INSPECT PER MWP 5.3.3 CHECK BRUSH AND COMMUTATOR CONDITION	11/22/94			MNT-E	
PM 01001	O	CLEAN AND INSPECT	11/22/94			MNT-E	
PM 01002	C	CLEAN AND INSPECT	11/22/94		12/2/94	MNT-E	
PM 01104	O	INSPECT THE MOTORS PER MWP 5.3.3. INSPECT THE SWITCHES & SWITCH LINKAGE FOR INTEGRITY CLEANLINESS & PROPER OPERATION.	11/22/94			MNT-E	
PM 01105	O	INSPECT THE MOTORS PER MWP 5.3.3. INSPECT THE SWITCHES AND SWITCH LINKAGE FOR INTEGRITY, CLEANLINESS, AND PROPER OPERATION.	11/22/94			MNT-E	
PM 01240	O	REMOVE COVER & CLEAN WITH SOFT BRUSH. REMOVE RESTRICTION FILTER SCREW FROM MANIFOLD BLOCK & CLEAN RESTRICTION WITH 0.005" WIRE. CLEAN TERM BOARDS & CHECK CONNECTIONS. REPLACE FILTER. PLACE USED FILTER & ANY PARTICULATE FOUND IN FILTER HOUSING IN A BAG LABEL WITH CIC. FORWARD BAG TO IA SYS ENG. CALIB.	11/22/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 01242	O	REMOVE COVER & CLEAN WITH SOFT BRUSH. REMOVE RESTRICTION FILTER SCREW FROM MANIFOLD BLOCK & CLEAN RESTRICTION WITH 0.005" WIRE. CLEAN TERM BOARDS & CHECK CONNECTIONS. REPLACE FILTER. PLACE USED FILTER & ANY PARTICULATE FOUND IN FILTER HOUSING IN A BAG. FORWARD BAG TO IA SYS ENG. CALIB.	11/22/94			MNT-I	
PM 01344	C	CALIB - INCLUDE COMPUTER POINT B014	11/22/94		12/10/94	MNT-I	
PM 01445	O	CALIB	11/22/94			MNT-I	
PM 01465	O	CALIB	11/22/94			MNT-I	
PM 01503	C	CALIB	11/22/94		12/7/94	MNT-I	
PM 01685	C	CALIB	11/22/94		12/4/94	MNT-I	
PM 01698	C	CALIB	11/22/94		12/4/94	MNT-I	
PM 01775	O	LUBRICATE	11/22/94			MNT-E	
PM 01776	O	LUBRICATE	11/22/94			MNT-E	
PM 01897	C	CALIB	11/22/94		12/7/94	MNT-I	
PM 02030	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 02031	C	CALIB	11/22/94		12/4/94	MNT-I	
PM 02032	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 02033	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 02034	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 02035	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 02142	O	LUBE AND INSPECT PER 14.2.15	11/22/94			MNT-I	
PM 02148	O	REMOVE FROM DRYWELL AND REPLACE/CHANGE-OUT WITH REBUILT INDEXER.	11/22/94			MNT-I	
PM 02256	D	CALIB	11/22/94		9/22/94	MNT-I	
PM 02257	D	CALIB	11/22/94		9/22/94	MNT-I	
PM 02319	D	VISUAL INSPECTION - CHECK FOR LEAKS & BROKEN PARTS - REPAIR AS NECESSARY. CHECK PER 14.34.1	11/22/94			MNT-I	
PM 02320	D	VISUAL INSPECTION - CHECK FOR LEAKS & BROKEN PARTS - REPAIR AS NECESSARY. CHECK PER 14.34.1.	11/22/94			MNT-I	
PM 02356	O	CALIB	11/22/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 02380	O	CALIBRATE, LUBE & INSPECT.	11/22/94			MNT-I	
PM 02586	O	CLEAN AND FUNCTIONAL TEST PER IAC PROC. 14.20.1.	11/22/94			MNT-I	
PM 02587	C	CLEAN AND FUNCTIONAL TEST PER IAC PROC. 14.20.1.	11/22/94		12/21/94	MNT-I	
PM 02786	D	CALIB	11/22/94			MNT-I	
PM 02787	C	CALIB	11/22/94		11/25/94	MNT-I	
PM 02800	C	CALIB - CHECK BY DECREASING TRAIN FLOW & READ SGT-FI-545 - ALARM HAS 30 SEC TIME DELAY 1000CFM (DOWN) +-100CFM	11/22/94		9/14/94	MNT-P	
PM 02801	C	CALIB - CHECK BY DECREASING TRAIN FLOW & READ SGT-FI-545 - ALARM HAS 30 SEC TIME DELAY 1000CFM (DOWN) +-100CFM	11/22/94		12/9/94	MNT-P	
PM 02809	C	CALIB	11/22/94		12/3/94	MNT-I	
PM 03055	O	LUBE DOOR BEARINGS & OPERATING HARDWARE AS PER ATTACHED VENDOR REF. SECTION 3, PAGES 3-2, 3-4A, 3-5, 3-6, 3-7, 3-8 & 3-9.	11/22/94			MNT-M	
PM 03056	O	LUBE TIE-DOWN BOLTS AND DOOR HANGER HARDWARE	11/22/94			MNT-M	
PM 03058	O	INSPECT AND CLEAN GASKETS VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY.	11/22/94			MNT-M	
PM 03389	O	LUBE - INSPECT AND CLEAN	11/22/94			MNT-M	
PM 03390	O	LUBE - INSPECT AND CLEAN	11/22/94			MNT-M	
PM 03391	O	LUBE - INSPECT AND CLEAN	11/22/94			MNT-M	
PM 03392	O	LUBE - INSPECT AND CLEAN	11/22/94			MNT-M	
PM 03466	O	LUBRICATION AND INSP.	11/22/94			MNT-M	
PM 03467	O	LUBRICATION AND INSPECTION	11/22/94			MNT-M	
PM 03482	O	LUBRICATION AND INSPECT AND INSTALL NEW BELTS WITH CNSNO 26484	11/22/94			MNT-M	
PM 03604	D	REBUILD VALVE PER MP 7.2.49 CNSNO 02648. (PM 03604)	11/22/94			MNT-P	
PM 03645	D	CHANGE OIL AND SEND SAMPLE OUT FOR ANALYSIS CLEAN FILTER AND REMOVE SLUDGE USE VAPRO-TECH-LIGHT. (PM 03645)	11/22/94			MNT-P	
PM 03649	D	TEST & SET PRESS PER MP 7.2.35. (PM 03649)	11/22/94			MNT-P	
PM 03650	D	TEST & SET PRESS PER MP 7.2.35 (PM 03650)	11/22/94			MNT-P	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 03941	D	DISASSEMBLE FOR INTERNAL INSPECTION RECORD DISCREPANCIES AND DISCREPANCY RESOLUTION REASSEMBLE. COORDINATE WITH PM 03928 - (PM 03941)	11/22/94			MNT-P	
PM 03965	O	REPLACE FILTERS	11/22/94			MNT-M	
PM 04273	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 04274	C	CALIB INSPECT	11/22/94		12/4/94	MNT-I	
PM 04276	O	RBM SELECT MATRIX TEST PER IAC PROC 14.2.17	11/22/94			MNT-I	
PM 04504	C	LOOP CALIBRATE BLOW DOWN SENSING LINES WITH AIR.	11/22/94		12/4/94	MNT-I	
PM 04505	O	CALIBRATE, BACKFILL SENSING LINES	11/22/94			MNT-I	
PM 04506	D	LOOP CALIB	11/22/94			MNT-I	
PM 04507	D	CALIBRATE	11/22/94			MNT-I	
PM 04508	D	CALIBRATE	11/22/94			MNT-I	
PM 04509	C	CALIBRATE BACKFILL SENSING LINES	11/22/94		12/5/94	MNT-I	
PM 04533	D	LOOP CALIBRATION	11/22/94			MNT-I	
PM 04535	C	LOOP CALIBRATE BLOW DOWN SENSING LINES WITH AIR.	11/22/94		12/4/94	MNT-I	
PM 04537	D	CALIBRATE	11/22/94			MNT-I	
PM 04538	D	CALIBRATE	11/22/94			MNT-I	
PM 04540	O	CALIBRATE BACKFILL SENSING LINES	11/22/94			MNT-I	
PM 04545	C	CALIBRATE BACKFILL SENSING LINES	11/22/94		12/5/94	MNT-I	
PM 04633	O	CAL PER 14.12.4	11/22/94			MNT-I	
PM 04744	O	REMOVE INSPECTION COVERS CLEAN AND INSPECT THE MUFFLERS TO ENSURE AIR PASSAGE WAYS ARE CLEAR TO PREVENT MUFFLER BACKPRESSURE ON ENGINE.	11/22/94			MNT-M	
PM 04837	O	ENSURE THE OIL LEVEL GAUGE AND OIL FILLER ARE IN THE UPRIGHT POSITION. CHECK PIPING FOR OIL LEAKS AND ENSURE OIL IS AT PROPER LEVEL. (TOP OF WASHER INSIDE OIL LEVEL GAUGE.)	11/22/94			MNT-E	
PM 05055	O	GREASE BRG'S PER VM 0425	11/22/94			MNT-M	
PM 05267	O	CLEAN AND LUBRICATE ALL LINKAGES AND VERIFY FREEDOM OF MOVEMENT	11/22/94			MNT-M	
PM 05881	O	PERFORM 14.8.1 CONTAINMENT HIGH RANGE MONITORS A/R/H DETERMINATION	11/22/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 05894	C	AT SPLIT COVERS REMOVE BONDING JUMPERS, CLEAN, MEGGER AT 500 VOLTS ACROSS TURBINE END GASKET, A&C PHASE IF LESS THAN 10 MOHM, REPLACE GASKET REINSTALL BONDING JUMPERS USING A NO-OXIDE TYPE CONDUCTIVITY COATING	11/22/94		9/14/94	MNT-E	
PM 05908	O	CLEAN & INSPECT CUBICLE VERIFY TIGHTNESS OF ELECTRICAL COMPONENTS & ELECTRICAL CONNECTIONS BURNISH RELAY CONTACTS AS NECESARY.	11/22/94			MNT-E	
PM 05909	O	CLEAN & INSPECT CUBICLE VERIFY TIGHTNESS OF ELECTRICAL COMPONENTS & ELECTRICAL CONNECTIONS BURNISH RELAY CONTACTS AS NECESSARY.	11/22/94			MNT-E	
PM 05961	O	CHECK LIMIT SWITCHES TO ENSURE PROPER TIMING & OPERATION	11/22/94			MNT-E	
PM 06048	D	LOOP CALIBRATE	11/22/94			MNT-I	
PM 06082	O	DURING NORMAL ROUTINE OUTAGE INSPECTIONS HAVE DIVERS INSPECT WALL AREAS FOR BIOLOGICAL FOULING (CLAMS). PROVIDE A MINIMUM OF SIX SAMPLES OF WALL AREA IN EACH BAY. FORWARD SAMPLES TO ENGINEERING FOR VISUAL CLAM ANALYSIS.	11/22/94			MNT-M	
PM 06100	O	CYCLE IRM REMOTE RANGE SWITCHES	12/10/94			ENG	
PM 06140	O	REPLACE CONFIGURATION/CALENDAR-CLOCK BACKUP BATTERY	11/22/94			MNT-I	
PM 06310	C	CALIBRATE.	11/22/94		12/7/94	MNT-I	
PM 06311	C	CALIBRATE.	11/22/94		12/7/94	MNT-I	
PM 06312	C	CALIBRATE.	11/22/94		12/7/94	MNT-I	
PM 06396	C	CALIBRATE.	11/22/94		12/6/94	MNT-I	
PM 06397	C	CALIBRATE.	11/22/94		12/6/94	MNT-I	
PM 06398	C	CALIBRATE.	11/22/94		12/6/94	MNT-I	
PM 06399	C	CALIBRATE.	11/22/94		12/6/94	MNT-I	
PM 06435	O	PERFORM IAC PROC 14.17.7.	11/22/94			MNT-I	
PM 06514	O	REPLACE FILTER CARTRIDGE.	11/22/94			MNT-M	
PM 06524	O	CYCLE CHARGING WATER HEADER ROOT VALVE	12/10/94				
PM 06598	O	REPLACE HARD DISK DRIVE UNITS WITH EQUIVALENT UNIT. CAD TO PERFORM SETUP, LOW LEVEL FORMAT, AND HIGH LEVEL FORMAT.	11/22/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 06749	O	1) CYCLE VALVE (FULLY OPEN - FULLY CLOSED) THREE TIMES. 2) IF NECESSARY, LUBRICATE VALVE WITH MOBILUX EP2. 3) CHECK VALVE FOR LEAKS. 4) IF VALVE DOES NOT OPERATE FREELY OR LEAKS, INITIATE CONDITION REPORT	11/22/94			OPS	
PM 06752	O	1) CYCLE VALVE (FULLY OPEN - FULLY CLOSED) THREE TIMES. 2) IF NECESSARY LUBRICATE VALVE WITH MOBILUX EP2. 3) CHECK VALVE FOR LEAKS. 4) IF VALVE DOES NOT OPERATE FREELY OR LEAKS, INITIATE CONDITION REPORT.	11/22/94			OPS	
PM 06753	O	1) CYCLE VALVE (FULLY OPEN - FULLY CLOSED) THREE TIMES. 2) IF NECESSARY LUBRICATE VALVE WITH MOBILUX EP2. 3) CHECK VALVE FOR LEAKS. 4) IF VALVE DOES NOT OPERATE FREELY OR LEAKS, INITIATE CONDITION REPORT.	11/22/94			OPS	
PM 06831	D	DISASSEMBLE CLEAN AND INSPECT AS NECESSARY. ALSO INSPECT AND CLEAN FLEXIBLE HOSES AND SURROUNDING PIPING. REASSEMBLE WITH NEW BONNET GASKET. PMT 6.3.20.1 (PM 06831)	11/22/94			MNT-P	
PM 06832	D	DISASSEMBLE CLEAN AND INSPECT AS NECESSARY. ALSO INSPECT-CLEAN FLEXIBLE HOSES AND SURROUNDING PIPING. REASSEMBLE WITH NEW BONNET GASKET. REPLACE DG-SOV-DGA (20SLO) PMT 6.3.20.1. CORRECTIVE ACTION TO CR 94-1006	11/22/94			MNT-P	
PM 06915	O	REMOVE COVER & CLEAN WITH SOFT BRUSH. REMOVE RESTRICTION FILTER SCREW FROM MANIFOLD BLOCK & CLEAN RESTRICTION WITH 0.005" WIRE. CLEAN TERM BOARDS & CHECK CONNECTIONS. REPLACE FILTER. PLACE USED FILTER & ANY PARTICULATE FOUND IN FILTER HOUSING IN A BAG. LABEL WITH CIC. FORWARD BAG TO IA SYS ENG. CALIB.	11/22/94			MNT-I	
PM 07019	O	PERFORM A CALIBRATION AND FUNCTIONAL TEST OF SYSTEM POWER SUPPLIES PER IAC PROCEDURE 14.23.1	11/22/94			MNT-I	
PM 07032	O	DISASSEMBLE CLEAN AND INSPECT. REPLACE SCREEN AND TRAP INTERNAL PARTS AS NECESSARY. (PM 07032)	11/22/94			MNT-P	
PM 07081	O	TRANSFER NBPP INVERTER 1A TO ITS ALTERNATE SOURCE AND BACK TO ITS NORMAL SOURCE USING THEE LOCAL PUSHBUTTONS AT THE INVERTER PER PROCEDURE 2.2.22.	1/3/95			MNT	
PM 07103	D	REPLACE SOLENOID VALVE PER 7.2.49.1. VERIFY OR PERFORM APPLICABLE PART(S) OF SP 6.3.1.1 PRIOR TO PERFORMING THIS PM TO VERIFY COMPONENT OPERABILITY. (PM 07103)	11/22/94			MNT-P	
PM 07332	D	CALIBRATE LOOP.	11/22/94			MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PM 07373	O	FUNCTIONALLY TEST THE SOLENOIDS PER S.P. 6.4.8.2.9. CONTACT THE SYSTEM ENGINEER IF NEEDED. (IF ONE SOLENOID FAILS, REPLACE ALL 4). VERIFY M-SHOP PM 07372 IS COMPLETE IF REQUIRED BEFORE PERFORMING THIS PM.	11/22/94			OPS	
PM 07632	O	CYCLE CRD OUTLET PRESSURE CONTROL VALVE	12/10/94				
PM 07647	O	CYCLE CRD DRIVE WATER HEADER PRESSURE CONTROL BYPASS VALVE	12/10/94				
PM 07697	D	PERFORM ENVIRONMENTAL NOISE CHECK OF CONTROL ROOM PER OPERATIONS SUPPORT GROUP INSTRUCTION #2, OPERATIONAL ENVIRONMENTAL CHECKS. RESULTS TO BE MAINTAINED BY OSG.	1/13/95			OPS	
PM 08155	C	VISUALLY INSPECT DRIP TRAY AND DRAIN LINE ATTACHED TO RHR-HX-A AT ELEV. 922'-5" FOR CLEANLINESS AND DRAIN OPERABILITY. REMOVE ANY FOREIGN MATTE THAT MAY HAVE FALLEN INTO THE TRAY BLOCKING THE DRAIN HOLE.	11/22/94		12/8/94	MNT-UT	
SER 5-93, S1	O	ADDRESS COMMENTS 2,3,4 AND PROVIDE SUPPORT/INPUT TO J. DUTTON IN RESPONDING TO COMMENT 1.	12/23/94			OPS	
SN 1-00842	C	DISCHARGE VENT ON DUCTWORK IN SECOND LEVEL OF DRYWELL BY "B" MSRV IS CAUSING AN INTERFERENCE OF NOT BEING ABLE TO HOOKUP "B" MSRV SOLENOID ELECTRICALLY. NEED ENGINEERING EVALUATION OF WHAT NEEDS TO BE DONE TO MODIFY DUCT WORK.	1/2/95			MNT	
SN 1-01962	O	DURING PERFORMANCE OF 6.3.1.14 CAL & FUNC FOR PC-AN-H202 II, THE ANALYZER WOULD NOT CALBRATE. NEED MWR TO ALLOW TROUBLESHOOTING TO TAKE PLACE INCLUDING CHANGING VALVES IN THE INTERNAL ARRAYS IN CONSULTATION WITH VENDOR (WHITTAKER) TO DETERMINE WHY ANALYZER WILL NOT CALIBRATE.	1/14/95			MNT	
SN 1-04113	D	REPLACE ELECTROLYTIC CAPACITORS IN THE TURBINE GENERATOR COMPUTER IDENTIFIED BY STARUP WORK ITEM 94-5601.	11/28/94			MNT	
SN 1-04901	D	HPCI-HOV-HOV 10, HPCI TURBINE STOP VALVE, CIRCUMFERENTIAL CRACK ON PILOT DISC STEM.	1/5/95			MNT	
SN 1-05034	O	RECEIVING NUMEROUS AIR DRYER PREFILTER ALARMS BOTH DRYERS A & B.	1/17/95			MNT	
SN 1-05519	O	WHILE VOTES TESTING SW-MO-651MV, NOTED THE HBC TO VALVE YOKE ADAPTER PLATE WERE LOOSE. THE BOLTS THAT ARE LOOSE WILL REQUIRE THE HBC TO BE PARTIALLY DISASSEMBLED.	1/17/95			MNT	
SN 1-05521	O	FINGER BASE ASSEMBLIES FOR THE LIMIT SWITCHES FOR SW-MO-651MV ARE CRACKED AT MOUNTING SCREWS.	1/17/95			MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SN 1-05715	O	SW-P-BPA VIBRATION AMPLITUDES EXCEED THE ALERT LIMITS OF .325 IN/SEC AT POINTS 3V AND 4V WHEN PERFORMING THE IST PUMP TEST. PER TEST PERFORMED ON 12/12/94, 4V WAS .36 IN/SEC AND 3V WAS .48 IN/SEC. PLEASE PERFORM SIGNATURE ANALYSIS TO DETERMINE CAUSE.	1/14/95			MNT	
SN 1-05818	O	FUSE 11A-F1 ON GE DRAWING 701E262 SH. 1 INDICATES THIS FUSE SHOULD BE A 1/4 AMP FUSE. THE FUSE ACTUALLY INSTALLED IN PANEL 9-5 IS A 3/10 AMP FUSE.	1/2/95			MNT	
SP 10.9	O	SCRAM TIMING	11/19/94			ENG	
SP 6.1.12.1	C	ADS LOGIC LOW LOW SET CALIBR.	11/19/94		11/29/94	MNT-I	
SP 6.1.15	O	MODE SWITCH IN SHUTDOWN & SDV VENT & DRAIN VALVES TIMING FUNCTIONAL	11/19/94			OPS	
SP 6.1.16	C	RPS CHANNEL TEST AND SWITCH FUNCTIONAL	11/19/94		12/27/95	OPS	
SP 6.1.20	C	SOUTH SDV LEVEL SWITCHES AND TRANSMITTERS CALIBR. AND FUNCTIONAL AND PHYSICAL INSPECTION	11/19/94		11/18/94	MNT-I	
SP 6.1.23	O	REFERENCE LEG INJECTION FLOW VERIFICATION (NTS)	11/19/94			OPS	
SP 6.1.30.1	O	RPS INSTRUMENT CHANNEL RESPONSE TIME	11/19/94			MNT-I	
SP 6.1.32	O	TURBINE STOP VALVE CLOSURE SWITCHES CALIBR. AND PHYSICAL INSPECTION	11/19/94			MNT-I	
SP 6.1.35	C	RPS ELECTRICAL PROTECTIVE ASSEMBLIES CALIBRATION	11/19/94		12/12/94	MNT	
SP 6.1.4.2	O	MAIN STEAM LINE PROCESS RADIATION MONITOR CALIBRATION, FUNCTIONAL, SOURCE CHECK, AND SETPOINT DETERMINATION	11/19/94			MNT-I	
SP 6.2.1.6.1	O	MSL, RWCU, HPCI, RCIC, AOG SPACE HIGH TEMP. SWITCH REPLACEMENT	11/19/94			MNT-I	
SP 6.2.1.6.2	O	STEAM LINE BREAK DETECTION TEMPERATURE SWITCH CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.2.3	O	ADS TIMER CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.2.7	O	SAFETY AND RELIEF VALVES POSITION INDICATION OPERABILITY CHECK	11/19/94			MNT-I	
SP 6.2.2.3.1	O	HPCI STEAM LINE HIGH DP ACTIVATION TDR CALIB.	11/19/94			MNT-I	
SP 6.2.2.3.10	O	HPCI AUTO ISOLATION LOGIC STEAM LINE LOW PRESSURE FUNCTIONAL TEST	12/23/94			MNT-I	
SP 6.2.2.3.11A	C	HPCI GLAND SEAL CONDENSER HOTWELL LEVEL CALIBR. FROM ASD-HPCI PANEL	11/19/94		12/4/94	MNT-I	
SP 6.2.2.3.12A	C	HPCI TURBINE OIL PRESSURE FUNCT. FROM ASD-HPCI PANEL	11/19/94		12/3/94	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SP 6.2.2.3.14A	O	HPCI TURBINE TRIP AND OPERABILITY TEST FROM ASD-HPCI PANEL	11/19/94			OPS	
SP 6.2.2.3.15	C	HPCI PUMP DISCHARGE FLOW INDICATION CALIBRATION	11/19/94		12/1/94	MNT-I	
SP 6.2.2.3.15A	C	HPCI PUMP DISCHARGE FLOW INDICATION CALIBR. AT ASD-HPCI PANEL	11/19/94		12/1/94	MNT-I	
SP 6.2.2.3.3	O		11/19/94			NED	
SP 6.2.2.3.5	O	HPCI SUPERVISORY ALARM/ACTUATION TIMER CALIBR.	11/19/94			MNT-I	
SP 6.2.2.3.8	C	HPCI TURBINE STEAM INLET PRESSURE INDICATION CALIBR.	11/19/94		12/1/94	MNT-I	
SP 6.2.2.3.8A	C	HPCI TURBINE STEAM INLET AND PRESSURE INDICATOR CALIBRATION AND INSTR. CHECK AT ASD-HPCI PANEL	11/19/94		12/1/94	MNT-I	
SP 6.2.2.4.2	O	CORE SPRAY PUMP TIME DELAY CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.4.2	D	CS LOOPS A AND B PUMP TIME DELAY CALIBRATION AND FUNCTIONAL	11/19/94			MNT-I	
SP 6.2.2.5.1	C	RHR SYSTEM LOOP B FLOW INDICATION CALIBRATION	11/19/94		12/1/94	MNT-I	
SP 6.2.2.5.10	O	RHR HEAT AND EXCHANGE BYPASS TIME DELAY CALIBR.	11/19/94			MNT-I	
SP 6.2.2.5.1A	C	RHR SYSTEM LOOP B FLOW INDICATION CALIBRATION AND INSTRUMENT CHECK AT ASD-RHR PANEL	11/19/94		11/2/94	MNT-I	
SP 6.2.2.5.5A	O	REACTOR VESSEL SHROUD LEVEL INDICATION CALIBRATION FROM ASD-HPCI PANEL	11/19/94			MNT-I	
SP 6.2.2.5.8	O	RHR INJECTION VALVE TIME DELAY CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.5.9	O	RHR PUMP START TIME DELAY CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.6.3	O		11/19/94			NED	
SP 6.2.2.6.5	O	RCIC TURBINE CONDITIONAL SUPERVISORY ALARM ACTUATOR TIMER CALIBRATION	11/19/94			MNT-I	
SP 6.2.2.7.1	C	MSIV LIMIT SWITCHES CALIBRATION AND FUNCTIONAL TEST	11/19/94		12/3/94	MNT	
SP 6.2.2.8.16	O	PRIMARY CONTAINMENT TEMP. ELEMENT COMPARISON CHECK	11/19/94			MNT-I	
SP 6.2.2.8.17	O	POST STARTUP PRIMARY CONTAINMENT ELEMENT RESPONSE	11/19/94			MNT-I	
SP 6.2.2.8.1A	O	PCSI REACTOR WATER LEVEL CALIBRATION FROM ASD-HPCI PANEL	11/19/94			MNT-I	
SP 6.2.2.8.5A	C	PCSI SUPPRESSION CHAMBER TEMPERATURE INDICATION CALIBRATION FROM ASD-ADS PANEL	11/19/94		12/23/94	MNT-I	
SP 6.2.2.8.6A	C	PCSI SUPPRESSION CHAMBER WATER LEVEL CALIBRATION FROM ASD-HPCI PANEL	11/19/94		12/23/94	MNT-I	
SP 6.2.6.1	O	SJAE OFF GAS ISOLATION LOGIC TEST	11/19/94			OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SP 6.2.6.3	C	AOG SPACE TEMPERATURE ISOLATION LOGIC TEST	11/19/94		12/9/94	OPS	
SP 6.2.8.1	O	RR/ATWS LOGIC CALIBRATION	11/19/94			MNT-I	
SP 6.2.9.1A	O	EMERGENCY CONDENSATE STORAGE TANK 1B LEVEL INDICATION AT ASD-HPCI PANEL	11/19/94			MNT-I	
SP 6.3.1.1	O	LOCAL LEAK RATE TEST	11/19/94			ENG	
SP 6.3.1.1.1	O	DIVISION I & II H[2]O[2] ANALYZER LOCAL LEAK TEST	11/19/94			ENG	
SP 6.3.1.5	O	TEST THE OPERABILITY OF THE PRIMARY CONTAINMENT SBNI AND VENT SYSTEM POWER OPERATED PRIMARY CONTAINMENT ISOLATION VALVES	12/13/94			OPS	
SP 6.3.10.1	C	DRYWELL AND TORUS SURFACES VISUAL INSPECTION	11/19/94		12/19/94	ENG	
SP 6.3.10.15	C	NORMALLY CLOSED CHECK VALVES (IST EXERCISE OF RHR-CV-20, 21, & 22 HPCI-CV-11 RCIC-CV-11)	11/19/94		12/15/94	ENG	
SP 6.3.10.2	O	EXCESS FLOW CHECK VALVE FLOW RATE	11/19/94			MNT-I	
SP 6.3.10.24	O	IN SERVICE TESTING VALVE POSITION INDICATORS	11/19/94			OPS	
SP 6.3.10.25	O	HPCI EXHAUST LINE VACUUM BREAKER DISASSEMBLY AND INSPECTION	11/19/94			MNT	
		RCIC EXHAUST LINE BACUUM BREAKER DISASSEMBLY AND INSPECTION					
SP 6.3.10.26.1	C	ECCS INJECTION CHECK VALVES POSITION INDICATION TEST	11/19/94		12/27/94	OPS	
SP 6.3.10.27	O	TIP BALL AND SHEAR VALVE ASSEMBLY AND SQUIB VALVE FIRING (FIRE SQUIB VALVE A, C, OR D)	11/19/94			MNT-I	
SP 6.3.10.7	C	PRIMARY CONTAINMENT ISOLATION VALVE AND REACTOR VALVE TIMING	11/19/94		12/6/94	OPS	
SP 6.3.10.8	O	SECONDARY CONTAINMENT LEAK TEST	11/19/94			OPS	
SP 6.3.10.9.1	O	SNUBBERS (BE SURE TECH SPEC SATISFIED)	11/19/94			ENG	
SP 6.3.10.9.2	O	SNUBBER SERVICE LIFE (BE SURE TECH SPEC SATISFIED)	11/19/94			ENG	
SP 6.3.12.6	O	DG#1 INSPECTION	11/19/94			ENG	
SP 6.3.12.7	O	DG#1 AUTO START CIRCUITS INTEGRITY TEST (NTS)	11/19/94			OPS	
		DG#2 AUTO START CIRCUITS INTEGRITY TEST (NTS)					
SP 6.3.12.8	O	DGDO-CV-12CV/13CV	1/3/95			ENG	
SP 6.3.12.9	O	DG#1 CONTROL ISOLATION SWITCHES FUNCTIONAL	11/19/94			OPS	
		DG#2 CONTROL ISOLATION SWITCHES FUNCTIONAL					

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SP 6.3.13.2.2	C	1.5 HOUR EMERGENCY LIGHTING OPERABILITY TEST	11/19/94		11/19/94	OPS	
SP 6.3.14.1	O	SRM/IRM DETECTOR TRAVEL CALIBRATION	11/19/94			MNT-I	
SP 6.3.15.6	C	125V BATTERY CHARGERS 1A, 1B, & 1C PERFORMANCE TEST	11/19/94		12/13/94	MNT	
SP 6.3.15.7	C	250V BATTERY CHARGERS 1A, 1B, & 1C PERFORMANCE TEST	11/19/94		12/13/94	MNT	
SP 6.3.16.1A	O	REC PUMPS C & D OPERABILITY FROM ASD-ADS PANEL	11/19/94			OPS	
SP 6.3.16.2	O	REC-MOV-721MV/722MV/697MV/698MV/694MV/695MV	1/3/95			ENG	
SP 6.3.16.6	O	REC-CV-14CV	1/3/95			ENG	
SP 6.3.17.12	C	AIR FLOW TEST OF FAN COIL UNITS (NTS)	11/19/94		12/30/94	ENG	
SP 6.3.17.18	O	CONTROL ROOM ENVELOPE PRESSURIZATION TEST	11/19/94			ENG	
SP 6.3.17.3	C	CONTROL ROOM FAN DIFFERENTIAL PRESSURE TEST	11/19/94		1/3/95	ENG	
SP 6.3.18.2	O	SW-AOV-850AV/851AV/852AV/853AV	1/3/95			ENG	
SP 6.3.18.3	O	SW AIR RELEASE VALVES (SW-CV-ARA/ARB)	1/3/95			ENG	
SP 6.3.18.4	O	SERVICE WATER PUMP TIME DELAY RELAY CALIBRATION	11/19/94			MNT	
SP 6.3.18.5	O	SW SYSTEM POST LOCA FLOW VERIFICATION	11/19/94			ENG	
SP 6.3.19.2	C	SGT "A" INLET HEATER OUTLET/FILTER DP SGT "B" INLET HEATER OUTLET/FILTER DP	11/19/94		12/14/94	ENG	
SP 6.3.2.1	O	ADS MANUAL VALVE ACUTATION	11/19/94			OPS	
SP 6.3.2.1A	O	ADS MANUAL VALVE ACTUATION FROM ASD-ADS PANEL	11/19/94			OPS	
SP 6.3.20.1	C	EMERGENCY CORE FLOODING SUPPLY ROOT VALVES - FLUSH SEATS ON SW-118 & SW-119	11/19/94		12/12/94	OPS	
SP 6.3.20.1	O	SW GLAND WATER MANUAL VALVES (SW-V-640/649/656/665 AND 1422/1424/1426/1428/1430/1432/1434/1436)	1/3/95			ENG	
SP 6.3.3.1.1	O	HPCI FLOW TEST AT 1000 PSIG	11/19/94			OPS	
SP 6.3.3.1.2	O	HPCI FLOW TEST AT 150 PSIG	11/19/94			OPS	
SP 6.3.3.1A	O	HPCI FLOW TEST FROM ASD-HPCI PANEL	11/19/94			OPS	
SP 6.3.3.2A	O	HPCI MOTOR OPERATED VALVE OPERABILITY FROM ASD-HPCI PANEL	11/19/94			OPS	
SP 6.3.3.3	O	HPCI QUICK START AT 1000 psig	11/19/94			OPS	
SP 6.3.3.7	O	HPCI-CV-14CV	1/3/95			ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SP 6.3.3.8	O	HPCI-SOV-SSV64/87	1/3/95			ENG	
SP 6.3.5.2	O	RHR-MOV-MO15A/B/C/D, RHR-MOV-MO36A/B, RHR-AOV-LCV71A/B, RHR-AOV-PCV69A/B, RHR-AOV-PCV70A/B	1/3/95			ENG	
SP 6.3.5.2A	O	RHR MOTOR OPERATED VALUE OPERABILITY FROM ASD-RHR PANEL	11/19/94			OPS	
SP 6.3.5.6	C	RHR PUMP "D" MINIMUM FLOW LINE CHECK VALVE DISASSEMBLY AND INSPECTION	11/19/94		12/3/94	MNT	
SP 6.3.6.1.1	O	RCIC FLOW TEST AT 1000 PSIG	11/19/94			OPS	
SP 6.3.6.1.2	O	RCIC FLOW TST AT 150 PSIG	11/19/94			OPS	
SP 6.3.6.3	O	RCIC QUICK START AT 1000 PSIG	11/19/94			OPS	
SP 6.3.6.5	O	RCIC CONDENSATE PUMP DISCHARGE CHECK VALVE DISASSEMBLY AND INSPECTION	11/19/94			MNT	
SP 6.3.6.6	O	RCIC CONDENSATE PUMP DISCHARGE CHECK VALVE DISASSEMBLY AND INSPECTION	11/19/94			MNT	
SP 6.3.7.2.3	C	OFF GAS RADIATION MONITOR LINEARITY TEST AND EFFICIENCY DETERMINATION	11/19/94		10/11/94	RAD	
SP 6.3.8.1	C	SLC VESSEL INJECTION (SYS. A) SLC FLOW RATE (MAIN TANK TO TEST TANK) SLC CHECK VALVES SLC-CV-12CV & 13CV IST	12/12/94		12/30/94	OPS	
SP 6.3.8.2	O	SLC-CV-10CV & 11CV	11/19/94			OPS	
SP 6.3.8.3	C	SLC PUMP DISCHARGE RELIEF VALVE TEST	11/19/94		12/20/94	ENG	
SP 6.3.9.4	O	MSIV SPRING CLOSURE ONLY	11/19/94			OPS	
SP 6.4.1.1	O	CRD HCU'S INSTRUMENTATION (NORTHSIDE (NTS)	11/19/94			MNT-I	
SP 6.4.1.8	C	CRD HCU ACCUMULATOR LEAK TEST	11/19/94		12/4/94	OPS	
SP 6.4.18.4	O	REC-AOV-TCVs (REC-AOV-TCV 861/862/864/865)	1/3/95			ENG	
SP 6.4.2.1	O	RCIC OVERSPEED (NTS)	11/19/94			OPS	
SP 6.4.3.1	O	HPCI OVERSPEED (NTS)	11/19/94			OPS	
SP 6.4.4.2	O	RRMG SET MECH. & ELEC. STOPS	11/19/94			MNT	
SP 6.4.4.3	O	RRMG OUTPUT POWER TRANSDUCER & WATTMETER CALIBRATION	11/19/94			MNT	
SP 6.4.7.1	O	HIGH WATER LEVEL TURBINE TRIP CALIBRATION	11/19/94			MNT-I	
SP 6.4.8.10.1	C	EXTRACTION STEAM NON-RETURN VALVES SHUTDOWN TESTING (NTS)	11/19/94		1/4/95	OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SP 6.4.8.14A	C	FCU FC-R-1G OPERABILITY TEST FROM ASD HPCI PANEL	11/19/94		12/7/94	OPS	
SP 6.4.8.18	O	REC NON-CRITICAL LOOP LOW PRESSURE ISOLATION CALIBRATION	11/28/94				
SP 6.4.8.19	O	REC CRITICAL LOOP (NTS) EMERGENCY MODE FLOW TEST	11/28/94				
SP 6.4.8.2.4	O	MAIN TURBINE TRIPS (ACTUAL) (NTS)	11/19/94			OPS	
SP 6.4.8.2.6	O	DEH ACCUMULATORS (CHECK NITROGEN PRESSURE) (NTS)	11/19/94			OPS	
SP 6.4.8.2.9	O	MAIN TURBINE OPC & TRIP SOLENOID OPERABILITY TEST (NTS)	11/19/94			MNT-I	
SP 6.4.8.3	C	PERFORM VALVE OPERABILITY AND CLOSURE TIMING TEST	12/13/94		12/14/95	OPS	
SP 6.4.8.3.1	C	PRIMARY CONTAINMENT PURGE AND VENT VALVES CHECK MAXIMUM OPENING ANGLE	11/19/94		12/14/94	OPS	
SP 6.4.8.7	O	OG LOOP SEALS FILL (NTS)	11/19/94			OPS	
SP 7.2.22.1	O	MAIN STEAM SAFETY RELIEF VALVE REMOVAL AND INSTALLATION	11/19/94			MNT	
SP 9.4.4	O	PRIMARY CONTAINMENT HIGH RANGE AREA MONITOR SOURCE CALIBRATION (COORDINATE W/6.4.9.2.1)	11/19/94			RAD	

792 Items

Restart Item Worklist

19-Jan-95 Printed today (01/19/95). update is in process

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
0.1 (PCN1)	C	INTRODUCTION TO CNS OPERATIONS MANUAL		11/23/94	11/23/94	TS	
0.26	O	REVISE TO IMPLEMENT ADMINISTRATIVELY CONTROLLED OUT-OF-SERVICE TIMES TO ADDRESS OPERABILITY DURING TESTING.	1/2/95			OPS	C. HOLM
0.27	D	OPERABILITY OF SYSTEMS, STRUCTURES, AND COMPONENTS		12/15/94		OPS	
0.27.1	D	OPERABILITY EVALUATIONS		12/15/94		ENG	
0.28	O	INITIATE AND APPROVE REVISION 7 OF PROCEDURE 0.28, "PERSONNEL CHECK-IN AND CHECK-OUT," ADDING AN ATTACHMENT ENTITLED, "EMPLOYEE CONCERNS DISCLOSURE STATEMENT."	1/17/95				J. SAYER
0.31	C	EQUIPMENT STATUS CONTROL	12/12/94	1/15/95	1/14/95	OPS	
0.35	C	EQUIPMENT/COMPONENT LABELING PROGRAM	12/12/94	12/23/94	1/2/95	OPS	
0.4	C	PROCEDURE CHANGE PROCESS		11/23/94	11/23/94	TS	
0.45	C	FOREIGN MATERIAL EXCLUSION	12/27/94	1/1/95	12/30/94	MNT	
0.48	O	INITIATE AND APPROVE NEW PROCEDURE 0.48, "EMPLOYEE CONCERNS PROGRAM" TO SUPPORT IMPLEMENTATION OF THIS PROGRAM.	1/17/95				J. SAYER
0.9	C	CLEARANCE ORDERS AND CAUTION TAG ORDERS	12/12/94	1/13/95	1/9/95	OPS	
14.5.1	D	CALIBRATE SGT DISCHARGE FLOW INDICATOR AND ALARM LOOP	12/12/94	1/17/95		MNT-I	
2.0.1	O	PLANT OPERATIONS POLICY	12/12/94	1/13/95		OPS	
2.0.2	C	OPERATIONS LOGS AND REPORTS	12/12/94	1/13/95	1/13/95	OPS	
2.0.5	O	SHIFT COMMUNICATOR RESPONSIBILITY	1/6/95			TS	D. REEVES
2.0.6	C	REACTOR POST-TRIP REVIEW	12/12/94	12/23/94	1/12/95	ENG	
2.1.1	O	STARTUP PROCEDURE	12/2/94	1/13/95		OPS	
2.1.1.2	D	TECHNICAL SPECIFICATIONS PRE-STARTUP CHECKS	12/12/94	1/13/95		OPS	
2.1.10	C	STATION POWER CHANGES	12/12/94	1/13/95	1/11/95	OPS	
2.1.11	O	STATION OPERATORS TOUR	12/12/94	1/13/95		OPS	
2.1.2	D	COMPLETE CARB REVIEW	12/2/94	1/17/95		ENG	J. GAUSMAN
2.1.20	D	RPV REFUELING PREPARATION	12/12/94	12/16/94		OPS	

A/60

C = Completed O = Open D = Evaluated as non-S/U.

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
2.1.4	C	NORMAL SHUTDOWN FROM POWER	12/12/94	1/13/95	1/11/95	OPS	
2.1.5	C	EMERGENCY SHUTDOWN FROM POWER	12/12/94	1/13/95	1/7/95	OPS	
2.1.6	C	SCRAM RECOVERY DURING STARTUP	12/12/94	1/13/95	1/7/95	OPS	
2.1.7	C	SCRAM RECOVERY DURING POWER OPERATION MSIVS OPEN	12/12/94	1/13/95	1/9/95	OPS	
2.1.8	C	SCRAM RECOVERY DURING POWER OPERATION MSIVS CLOSED	12/12/94	1/13/95	1/7/95	OPS	
2.1.9	C	HOT STANDBY CONDITION	12/12/94	1/13/95	1/12/95	OPS	
2.2.1	C	AUTOMATIC DEPRESSURIZATION SYSTEM	12/12/94	1/13/95	1/3/95	OPS	
2.2.19	C	480 VAC AUXILIARY POWER DISTRIBUTION SYSTEM	12/12/94	12/16/94	12/13/94	OPS	
2.2.1A	C	AUTOMATIC DEPRESSURIZATION SYSTEM VALVE CHECKLIST	12/12/94	12/23/94	1/10/95	OPS	
2.2.1B	C	AUTOMATIC DEPRESSURIZATION SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	12/23/94	1/10/95	MNT-I	
2.2.2	C	CARBON DIOXIDE SYSTEMS	12/12/94	12/23/94	1/7/95	OPS	
2.2.20	C	STANDBY AC POWER SYSTEM (DIESEL GENERATOR)	1/14/95	12/30/94	1/11/95	OPS	
2.2.20.1	C	DIESEL GENERATOR OPERATIONS	1/14/95	1/13/95	1/11/95	OPS	
2.2.20.2	C	OPERATION OF DIESEL GENERATORS FROM DIESEL GENERATOR ROOMS	1/14/95	1/13/95	1/11/95	OPS	
2.2.20A	C	STANDBY AC POWER SYSTEM (DIESEL GENERATOR) VALVE CHECKLIST	12/12/94	12/30/94	1/7/95	OPS	
2.2.20B	C	STANDBY AC POWER SYSTEM (DIESEL GENERATOR) INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/7/95	MNT-I	
2.2.21	O	STATION LIGHTING SYSTEM	12/12/94	12/30/94		OPS	
2.2.22	C	VITAL INSTRUMENT POWER SYSTEM		11/1/94	11/1/94	OPS	
2.2.24	C	250 VDC ELECTRICAL SYSTEM	12/12/94	12/23/94	1/5/95	OPS	
2.2.25	C	125 VDC ELECTRICAL SYSTEM	12/12/94	12/30/94	1/5/95	OPS	
2.2.26	C	24 VDC ELECTRICAL SYSTEM		12/6/94	12/6/94	OPS	
2.2.29	C	FEEDWATER HEATERS AND EXTRACTION STEAM SYSTEM		11/25/94	11/25/94	OPS	
2.2.2A	C	CARBON DIOXIDE SYSTEM COMPONENT CHECKLIST	12/12/94	12/30/94	1/7/95	OPS	
2.2.2B	C	CARBON DIOXIDE SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/7/95	MNT-I	
2.2.3	C	CIRCULATING WATER SYSTEM	12/12/94	1/13/95	1/10/95	OPS	
2.2.3.1	C	TRAVELING SCREEN, SCREEN WASH AND SPARGER SYSTEM	12/12/94	12/9/94	12/13/94	OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
2.2.32	D	FUEL POOL COOLING AND DEMINERALIZER SYSTEM	12/12/94	12/16/94		OPS	
2.2.33	C	HIGH PRESSURE COOLANT INJECTION SYSTEM	12/12/94	12/23/94	1/13/95	OPS	
2.2.33A	O	HIGH PRESSURE COOLANT INJECTION SYSTEM COMPONENT CHECKLIST	12/12/94	1/13/95		OPS	
2.2.33B	O	HIGH PRESSURE COOLANT INJECTION SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95		MNT-I	
2.2.38.2	D	PORTABLE HEATING SYSTEM				OPS	
2.2.39A	C	HVAC DIESEL GENERATOR BUILDING VALVE CHECKLIST	12/12/94	1/13/95	1/5/95	OPS	
2.2.3A	C	CIRCULATING WATER SYSTEM VALVE CHECKLIST	12/12/94	1/13/95	1/12/95	OPS	
2.2.3B	C	CIRCULATING WATER SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/13/95	MNT-I	
2.2.40	C	HVAC DRYWELL COOLING		11/16/94	11/16/94	OPS	
2.2.52	C	HYDROGEN SEAL OIL SYSTEM	12/12/94	1/13/95	1/9/95	OPS	
2.2.52A	C	HYDROGEN SEAL OIL SYSTEM COMPONENT CHECKLIST	12/12/94	12/30/94	1/9/95	OPS	
2.2.52B	C	HYDROGEN SEAL OIL SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/9/95	MNT-I	
2.2.56	C	MAIN STEAM AND TURBINE BYPASS SYSTEM	12/12/94	1/13/95	1/3/95	OPS	
2.2.56A	C	MAIN STEAM SYSTEM COMPONENT CHECKLIST	12/12/94	1/13/95	1/13/95	OPS	
2.2.56B	C	MAIN STEAM SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/13/95	MNT-I	
2.2.57.3	C	MIXED BED DEMINERALIZER REGENERATION	12/12/94	12/20/94	12/13/94	OPS	
2.2.57.4	C	BULK CHEMICAL SHIPMENT SAMPLING AND UNLOADING	12/12/94	12/23/94	1/3/95	OPS	
2.2.58.3	C	AOG SYSTEM OPERATION WITH RECOMBINER A	12/12/94	12/30/94	1/3/95	OPS	
2.2.58.4	C	AOG SYSTEM OPERATION WITH RECOMBINER B	12/12/94	12/30/94	1/3/95	OPS	
2.2.6	C	CONDENSATE SYSTEM	12/12/94	12/30/94	1/5/95	OPS	
2.2.60	C	PRIMARY CONTAINMENT COOLING AND NITROGEN INERTING SYSTEM	12/12/94	1/13/95	1/10/95	OPS	
2.2.60A	C	PRIMARY CONTAINMENT COOLING AND NITROGEN INERTING SYSTEM COMPONENT	12/12/94	1/13/95	1/10/95	OPS	
2.2.60B	C	PRIMARY CONTAINMENT COOLING AND NITROGEN INERTING SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/10/95	MNT-I	
2.2.62	C	OFF GAS SYSTEM	12/12/94	12/30/94	1/3/95	OPS	
2.2.62A	C	RADIOACTIVE WASTE SYSTEM - GASEOUS COMPONENT CHECKLIST	12/12/94	12/30/94	1/7/95	OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
2.2.62B	C	RADIOACTIVE WASTE SYSTEM - GASEOUS INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/7/95	MNT-I	
2.2.66	C	REACTOR WATER CLEANUP	12/12/94	1/13/95	1/17/95	OPS	
2.2.67	C	REACTOR CORE ISOLATION COOLING SYSTEM	12/12/94	12/30/94	1/6/95	OPS	
2.2.67.1	C	REACTOR CORE ISOLATION COOLING SYSTEM OPERATIONS	12/12/94	1/20/95	1/12/95	OPS	
2.2.67A	C	REACTOR CORE ISOLATION COOLING SYSTEM COMPONENT CHECKLIST	12/12/94	1/20/95	1/12/95	OPS	
2.2.67B	C	REACTOR CORE ISOLATION COOLING SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/12/95	MNT-I	
2.2.68	C	REACTOR CIRCULATION SYSTEM	12/12/94	12/23/94	1/17/95	OPS	
2.2.68.1	C	REACTOR RECIRCULATION SYSTEM VALVE CHECKLIST	12/12/94	12/23/94	1/11/95	OPS	
2.2.69.2	O	RHR SYSTEM SHUTDOWN OPERATIONS	1/2/95			OPS	
2.2.69A	D	RESIDUAL HEAT REMOVAL SYSTEM VALVE CHECKLIST		12/20/94		OPS	
2.2.69B	D			12/20/94		MNT-I	
2.2.6A	C	CONDENSATE SYSTEM COMPONENT CHECKLIST	12/12/94	1/13/95	1/11/95	OPS	
2.2.6B	C	CONDENSATE SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/11/95	MNT-I	
2.2.70	O	RHR SERVICE WATER BOOSTER PUMP SYSTEM	1/2/95			TSG	R. BROWN
2.2.71	O	SERVICE WATER SYSTEM	12/12/94	1/13/95		OPS	
2.2.71A	C	SERVICE WATER SYSTEM COMPONENT CHECKLIST	12/12/94	1/13/95	1/10/95	OPS	
2.2.71B	C	SERVICE WATER SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/10/95	MNT-I	
2.2.73	C	STANDBY GAS TREATMENT SYSTEM	12/13/94	1/17/95	1/14/95	OPS	
2.2.73A	C	STANDBY GAS TREATMENT SYSTEM COMPONENT CHECKLIST	1/2/95		1/13/95	TSG	R. BROWN
2.2.73B	C	STANDBY GAS TREATMENT SYSTEM INSTRUMENT VALVE CHECKLIST	1/2/95		1/7/95	TSG	R. BROWN
2.2.74	D	STANDBY LIQUID CONTROL SYSTEM		12/30/94		OPS	
2.2.77	C	TURBINE GENERATOR	12/12/94	1/13/95	1/13/95	OPS	
2.2.77.1	C	DIGITAL ELECTRO-HYDRAULIC (DEH) CONTROL SYSTEM	12/12/94	1/13/95	1/17/95	OPS	
2.2.77A	C	TURBINE GENERATOR SYSTEM COMPONENT CHECKLIST	12/12/94	1/13/95	1/13/95	OPS	
2.2.79	C	TURBINE EXHAUST HOOD SPRAY SYSTEM	12/12/94	1/13/95	1/10/95	OPS	
2.2.79A	C	TURBINE EXHAUST HOOD SPRAY SYSTEM VALVE CHECKLIST	12/12/94	12/30/94	1/10/95	OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
2.2.8	C	CONTROL ROD DRIVE HYDRAULIC SYSTEM	12/12/94	1/13/95	1/5/95	OPS	
2.2.80	C	TURBINE HIGH PRESSURE FLUID SYSTEM	12/12/94	12/30/94	1/3/95	OPS	
2.2.80A	C	TURBINE HIGH PRESSURE FLUID SYSTEM VALVE CHECKLIST	12/12/94	12/30/94	1/6/95	OPS	
2.2.80B	C	TURBINE HIGH PRESSURE FLUID SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	12/30/94	1/6/95	MNT-I	
2.2.81	C	TURBINE OIL PURIFICATION AND TRANSFER SYSTEM	12/12/94	1/13/95	1/3/95	OPS	
2.2.81A	C	TURBINE OIL PURIFICATION AND TRANSFER SYSTEM COMPONENT CHECKLIST	12/12/94	12/30/94	1/3/95	OPS	
2.2.81B	C	TURBINE OIL PURIFICATION AND TRANSFER SYSTEM INSTRUMENT VALVE	12/12/94	12/30/94	1/9/95	MNT-I	
2.2.84	C	HVAC MAIN CONTROL ROOM AND CABLE SPREADING ROOM	12/5/94	1/17/95	12/23/94	OPS	
2.2.8A	C	CONTROL ROD DRIVE HYDRAULIC SYSTEM VALVE CHECKLIST	12/12/94	1/13/95	1/7/95	OPS	
2.2.8B	C	CONTROL ROD DRIVE HYDRAULIC SYSTEM INSTRUMENT VALVE CHECKLIST	12/12/94	1/13/95	1/7/95	MNT-I	
2.2.90	C	12.5 KV SYSTEM	12/12/94	12/23/94	12/23/94	OPS	
2.3.2.12A	C	PANEL P-2 - ANNUNCIATOR P-2	12/12/94	12/30/94	12/13/94	OPS	
2.3.2.15	D	ALARM PROCEDURE	12/12/94	1/17/95		OPS	
2.3.2.15A	D	ALARM PROCEDURE	12/12/94	1/17/95		OPS	
2.3.2.17	C	PANEL M - ANNUNCIATOR M-2		11/29/94	11/29/94	OPS	
2.3.2.17A	C	PANEL Q - ANNUNCIATOR Q-1	12/12/94	1/13/95	1/4/95	OPS	
2.3.2.18	C	PANEL R - ANNUNCIATOR R-1	12/12/94	1/17/95	12/23/94	OPS	
2.3.2.20	C	PANEL S - ANNUNCIATOR S-1	12/12/94	12/30/94	12/13/94	OPS	
2.3.2.21	C	PANEL 9-3, ANNUNCIATOR 9-3-1	12/27/94		1/14/95	OPS	
2.3.2.23	C	PANEL 9-3, ANNUNCIATOR 9-3-3	12/27/94		1/14/95	OPS	
2.3.2.37	D	ALARM RESPONSE PROCEDURE	12/12/94	1/17/95		OPS	
2.3.2.41	C	PANEL DG-1 - ANNUNCIATOR DG-1		11/16/94	11/16/94	OPS	
2.3.2.42	C	PANEL DG-2 - ANNUNCIATOR DG-2		11/16/94	11/16/94	OPS	
2.3.2.5	C	PANEL B - ANNUNCIATOR B-1	12/12/94	1/13/95	1/17/95	OPS	
2.4.1.3	C	UNEXPLAINED INCREASE IN REACTOR POWER	12/12/94	1/13/95	1/4/95	OPS	
2.4.1.6	O	ABNORMAL NEUTRON FLUX OSCILLATIONS OR OPERATION IN THE INSTABILITY REGION	12/12/94	12/23/94		OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
2.4.1.7	C	UNEXPLAINED DECREASE IN REACTOR POWER	12/12/94	12/23/94	12/30/94	OPS	
2.4.2.2.1	C	TRIP OF REACTOR RECIRCULATION PUMPS	12/12/94	12/23/94	1/14/95	OPS	
2.4.2.2.2	C	REACTOR RECIRCULATION FLOW CONTROL SYSTEM FAILURE	12/12/94	12/23/94	1/14/95	OPS	
2.4.2.2.3	C	RECIRCULATION PUMP A OR B SEAL FAILURE		11/29/94	11/29/94	OPS	
2.4.2.2.4	C	REACTOR VESSEL COLD WATER STRATIFICATION	1/5/95	1/29/95	1/12/95	OPS	M. HANNAFORD
2.4.2.4.1	O	RHR LOSS OF SHUTDOWN COOLING	12/12/94	1/13/95		OPS	
2.4.5.2	C	REACTOR PRESSURE CONTROL SYSTEM MALFUNCTION	12/12/94	1/13/95	1/14/95	OPS	
2.4.5.2.1	C	DEH MALFUNCTIONS MODE I	12/12/94	1/13/95	1/14/95	OPS	
2.4.5.2.2	C	DEH MALFUNCTIONS MODE II	12/12/94	1/13/95	1/14/95	OPS	
2.4.5.2.3	C	DEH MALFUNCTIONS MODE III	12/12/94	1/13/95	1/14/95	OPS	
2.4.5.2.4	C	DEH MALFUNCTIONS MODE IV	12/12/94	1/13/95	1/14/95	OPS	
2.4.6.6	D	480V TRANSFORMER OR ELECTRICAL DISTRIBUTION PANEL FAILURE				OPS	
2.4.6.8	D	120 VAC SYSTEM FAILURES				OPS	
2.4.7.1	C	HIGH OFFGAS ACTIVITY OR ABNORMAL OFFGAS FLOW	12/12/94	12/30/94	12/13/94	OPS	
2.4.8.4.7	C	HIGH TEMPERATURE IN CONTROL ROOM	12/12/94	1/17/95	12/23/94	OPS	
2.4.8.6	D	FUEL POOL COOLING SYSTEM FAILURE	12/12/94	12/30/94		OPS	
2.4.9.1.11	C	DEH PRESSURE CONTROLLER OUTPUT FAILS LOW	12/12/94	12/30/94	1/14/95	OPS	
2.4.9.1.12	C	DEH PRESSURE CONTROLLER OUTPUT FAILS HIGH	12/12/94	12/30/94	1/14/95	OPS	
2.5.3.4	C	RWCU FILTER DEMINERALIZER	12/12/94	12/30/94	12/30/94	OPS	
3.19.1	C	FUSE CONTROL	12/12/94	12/30/94	1/14/95	ENG	
3.20	O	REACTOR PRESSURE VESSEL THERMAL TRANSIENT REVIEW	12/12/94	12/30/94		ENG	
3.4.7	C	DESIGN CALCULATIONS		11/23/94	11/23/94	NED	
4.17	C	MAIN CONTROL ROOM AIR RADIATION MONITOR	12/12/94	1/13/95	1/5/95	OPS	
4.17A	C	MAIN CONTROL ROOM AIR RADIATION MONITOR COMPONENT CHECKLIST	12/12/94	1/13/95	1/5/95	OPS	
4.2	C	ROD WORTH MINIMIZER	12/12/94	12/9/94	12/9/94	OPS	
4.6.1	O	REACTOR VESSEL WATER LEVEL INDICATION	1/2/95			OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
4.6.1A	O	REACTOR VESSEL WATER LEVEL INDICATION VALVE CHECKLIST	1/2/95			OPS	
5.1.3	C	FLOOD	12/12/94	1/13/95	1/4/95	OPS	
5.2.6	C	120 VAC DISTRIBUTION PANEL FAILURE	12/12/94		12/13/94	OPS	
5.4.3.1	C	POST-FIRE OPERATIONAL INFORMATION	1/14/95	12/30/94	1/12/95	OPS	
5.7.1	D	EMERGENCY CLASSIFICATION		1/17/95		EP	
5.8.19	O	REFERENCE LEG INJECTION	1/2/95			OPS	
5.8.2	D	ALTERNATE EMERGENCY DEPRESSURIZATION	12/23/95			OPS	
6.1.11	C	TURBINE FIRST STATE PRESSURE PERMISSIVE CALIBRATION AND FUNCTIONAL		11/18/94	11/18/94	MNT-I	
6.1.14	D	NORTH SDV INSTRUMENT CAL	12/10/94	1/17/95			J. GAUSMAN
6.1.17	C	IRM CALIBRATION AND FUNCTIONAL TEST (MODE SWITCH NOT IN RUN)	12/12/94	12/9/94	12/9/94	MNT-I	
6.1.17A	C	IRM CALIBRATION AND FUNCTIONAL TEST (MODE SWITCH IN RUN)	12/10/94	12/9/94	12/6/94	MNT-I	
6.1.18	C	REACTOR RECIRCULATION FLOW UNIT FUNCTIONAL TEST	12/12/94	12/13/94	12/16/94	MNT-I	
6.1.18.1	C	REACTOR RECIRCULATION FLOW UNIT QUARTERLY CALIBRATION AND FUNCTIONAL TEST	12/12/94	12/13/94	12/16/94	MNT-I	
6.1.18.2	C	REACTOR RECIRCULATION FLOW TRANSMITTER AND FLOW UNIT CYCLIC CALIBRATION AND FUNCTIONAL TEST	12/12/94	12/13/94	12/16/94	MNT-I	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	
6.1.32		IRM FUNCTIONAL TEST (MODE SWITCH IN RUN)	[illegible]			[illegible]	
6.1.4.2	C	TURBINE STOP VALVE CLOSURE CALIBRATION AND FUNCTIONAL TEST	12/12/94	12/30/94	12/16/94	ENG	J. GAUSMAN
6.2.1.2.1	C	MAIN STEAM LINE PROCESS RADIATION MONITOR CALIBRATION, FUNCTIONAL, SOURCE TEST, AND SETPOINT DETERMINATION	12/12/94	1/20/95	12/13/94	OPS	
6.2.2.1.1	D	PCIS RWCU HIGH FLOW CALIBRATION AND FUNCTIONAL/FUNCTIONAL TEST	1/3/95		1/13/95	MNT-I	
	C	CSCS WATER LEVEL CALIBRATION AND FUNCTIONAL		12/30/94	1/6/95	TSG	R. BROWN
				12/6/94		MNT-I	
					12/6/94	MNT-I	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
6.2.2.3.1	D	HPCI STEAM LINE HIGH FLOW CALIBRATION AND FUNCTIONAL				MNT-I	
6.2.2.3.10	C	HPCI AUTO ISOLATION LOGIC STEAM LINE LOW PRESSURE FUNCTIONAL TEST	12/12/94	12/30/94	1/12/95	MNT-I	
6.2.2.3.14	C	HPCI TURBINE TRIP AND INITIATION LOGIC FUNCTIONAL TEST	12/12/94	12/9/94	12/9/94	OPS	
6.2.2.3.2	D	HPCI STEAM LINE SPACE TEMPERATURE SWITCH FUNCTIONAL TEST				OPS	
6.2.2.3.3	O	HPCI STEAM LINE LOW PRESSURE CALIBRATION AND FUNCTIONAL	1/2/95			MNT-I	
6.2.2.3.9	C	HPCI STEAM LINE HIGH FLOW AUTO ISOLATION LOGIC FUNCTIONAL		11/16/94	11/16/94	MNT-I	
6.2.2.4.4	C	CORE SPRAY INITIATION LOGIC FUNCTIONAL TEST	12/12/94	1/20/95	12/22/94	OPS	
6.2.2.4.6	C		12/12/94	12/30/94	1/5/95	OPS	
6.2.2.5.11	O	RHR CROSSTIE VALVE POSITION MONITOR FUNCTIONAL TEST	12/12/94	1/20/95		OPS	
6.2.2.5.7	O	RHR PUMP LOW FLOW CAL AND FUNC.	1/6/95			MNT-I	
6.2.2.6.1	C	RCIC STEAM LINE HIGH FLOW CALIBRATION AND FUNCTIONAL TEST	12/12/94	1/10/95	1/2/95	MNT-I	
6.2.2.6.3	c	RCIC STEAM SUPPLY PRESSURE LOW CALIBRATION AND FUNCTIONAL	1/2/95		1/10/95	TSG	R. BROWN
6.2.2.6.4	C	RCIC PUMP LOW DISCHARGE FLOW CALIBRATION AND FUNCTIONAL	1/3/95		1/4/95	TSG	R. BROWN
6.2.2.6.9	D	RCIC STEAM LINE SPACE TEMPERATURE SWITCH FUNCTIONAL TEST				OPS	
6.2.2.8.6	C	SUPPRESSION CHAMBER WATER LEVEL CALIBRATION TEST	12/12/94	12/9/94	12/16/94	MNT-I	
6.2.4.1	O	DAILY SURVEILLANCE LOG - ENHANCE PROCEDURE TO MONITOR SLC SYSTEM PIPING	1/10/95			OPS	D. BREMER
6.2.6.4	C	OFF-GAS FLOW MONITOR CALIBRATION		11/16/94	11/16/94	MNT-I	
6.2.6.6	O	OFF-GAS SYSTEM DILUTION FAN AUTO TRANSFER TEST - PART OF PHASE 1 ACTION PLAN 6.3 (CYCLE EXTENSION)	1/13/95	12/6/94	12/6/94		GAUSMAN
6.3.1.4	C	PRIMARY CONTAINMENT ISOLATION POWER OPERATED VALVE OPERABILITY AND CLOSURE TIMING TEST		11/16/94	11/16/94	OPS	
6.3.1.5	C		12/27/94		1/6/95		
6.3.10.13	C	NORTH AND SOUTH SDV VENT AND DRAIN VALVES CYCLING, OPEN VERIFICATION, AND TIMING TEST	1/6/95		1/14/95	ENG	R. A. SCHULTZ
6.3.10.14	O	PRIMARY SYSTEM LEAKAGE INSPECTION	1/2/95			TSG	R. BROWN
6.3.10.15	C	EXERCISE OF NORMALLY CLOSED CHECK VALVES	12/12/94	12/15/94	12/15/94	ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
6.3.10.2	O	INSTRUMENT LINE FLOW CHECK VALVE	12/27/94			OPS	
6.3.10.24	C	POSITION IND. INSERVICE TESTING	12/27/94		1/13/95	OPS	
6.3.10.28	D	VESSEL PRESSURE TEST	12/10/94	1/6/95			J. GAUSMAN
6.3.10.29	C	DRYWELL PERSONNEL AIRLOCK DOOR INTERLOCK/ALARM TEST	12/12/94	1/17/95	1/9/95	OPS	
6.3.12.1	C	DIESEL GENERATOR MONTHLY OPERABILITY TEST	1/14/95	12/23/94	1/16/95	OPS	
6.3.12.1.1	C	DIESEL GENERATOR DEMONSTRATION OF OPERABILITY TEST	1/14/95	12/30/94	1/11/95	OPS	
6.3.12.1.2	C	DIESEL GENERATOR CYCLE OPERABILITY TEST	1/14/95	1/13/95	1/16/95	OPS	
6.3.12.3	C	DIESEL FUEL OIL QUALITY TEST		12/9/94	12/16/94	RAD	
6.3.12.8	C	DG FUEL OIL TRANSFER PUMP FLOW TEST	12/27/94		1/14/95	OPS	
6.3.12.9	O	DIESEL GENERATOR OPERABILITY TEST WITH ISOLATION SWITCHES IN ISOLATE	1/2/95			TSG	R. BROWN
6.3.16.2	C	REC MOV OPERABILITY	12/27/94		1/17/95	OPS	
6.3.16.4	C	REC PUMPS TIME DELAY RELAYS CALIBRATION/FUNCTIONAL CHECK	12/12/94	1/17/95	1/11/95	MNT-E	
6.3.16.6	C		12/27/94		1/7/95		
6.3.17.1	C	CONTROL ROOM VENTILATION	12/12/94	1/20/95	12/23/94	OPS	
6.3.18.2	O	TW MOV OPERABILITY	12/27/94			OPS	
6.3.18.3	C	SERVICE WATER SURVEILLANCE OPERATION	12/12/94	1/13/95	1/14/95	OPS	
6.3.2.1A	O	ADS MANUAL VALVE FROM ADS	12/27/94			OPS	
6.3.20.1	O	RHR SERVICE WATER BOOSTER PUMP FLOW TEST AND VALVE OPERABILITY TEST	1/2/95			TSG	R. BROWN
6.3.3.1.1	C	HPCI IST AND QUARTERLY TEST MODE SURVEILLANCE OPERATION	1/2/95		1/14/95	TSG	R. BROWN
6.3.3.1A	O	HPCI TEST MODE SURVEILLANCE OPERATION FROM ASD-HPCI PANEL	1/2/95			TSG	R. BROWN
6.3.3.2	O	HPCI VALVE OPERABILITY	12/27/94			OPS	
6.3.3.2A	O	HPCI VALVE OPERABILITY FROM ADS	12/27/94			OPS	
6.3.3.7	C		12/27/94		1/6/95		
6.3.3.8	C	HPCI-SOV-SSV64/87	1/3/95	1/15/95	1/12/95	ENG	
6.3.4.2	C	CS MOTOR OPERATED VALVE OPERABILITY TEST	12/12/94	12/16/94	12/16/94	OPS	
6.3.5.1	C	RHR TEST MODE SURVEILLANCE OPERATION	12/12/94	1/17/95	12/21/94	OPS	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
6.3.5.2	C	RHR VALVE OPERABILITY	12/27/94		1/12/95	OPS	
6.3.5.2A	O	RHR VALVE OPERABILITY FROM ADS	12/27/94			OPS	
6.3.6.1	O	RCIC MONTHLY SURVEILLANCE OPERATION	12/27/94			OPS	
6.3.6.1.1	C	RCIC IST AND QUARTERLY TEST	12/12/94	12/23/94	1/14/95	OPS	
6.3.6.1.2	C	RCIC CYCLE TEST	12/27/94		1/17/95	OPS	
6.3.6.6	C	RCIC-CV-21CV DISASSEMBLY AND INSPECTION	12/27/94		1/12/95	MNT	
6.3.7.1.1	C	REC RADIATION MONITOR CALIBRATION CHECK AND INSTRUMENT CHANNEL TEST	12/12/94		12/16/94	MNT-I	
6.3.7.1.2	C	REC RADIATION MONITOR KNOWN SOURCE CALIBRATION	12/12/94		12/16/94	OPS	
6.3.7.2.2	C	OFF-GAS RADIATION MONITOR CALIBRATION AND FUNCTIONAL TEST		11/16/94	11/16/94	MNT-I	
6.3.7.4.1	C	SW RADIATION MONITOR CALIBRATION CHECK AND INSTRUMENT CHANNEL TEST	12/12/94		1/4/95	TSG	R. BROWN
6.3.7.4.2	O	SW RADIATION MONITOR KNOWN SOURCE CALIBRATION	1/4/95	1/13/95		RAD	
6.3.7.5.1	C	REACTOR BUILDING VENTILATION RADIATION MONITOR CALIBRATION AND FUNCTIONAL TEST/SOURCE CHECK		11/16/94	11/16/94	MNT-I	
6.3.7.8	D	ERP KAMAN MONITOR FUNCTIONAL TEST	1/12/95	12/23/94		RAD	
6.3.8.1	C	SLC TEST MODE SURVEILLANCE OPERATION	12/12/94	12/23/94	12/20/94	OPS	
6.3.8.14	O	REC-AOV-TCVs (REC-AOV-TCV861/862/864/865)	1/3/95	1/15/95		ENG	
6.4.5.13.2	C	FIRE DETECTION SYSTEM TRI-ANNUAL TEST (GROUP 2)		11/1/94	11/1/94	MNT-I	
6.4.5.13.3	C	FIRE DETECTION SYSTEM TRI-ANNUAL TEST (GROUP 3)		11/1/94	11/1/94	MNT-I	
6.4.6.20.1	C	MPF BUILDING AIR SAMPLING SYSTEM KAMAN ELECTRONIC CALIBRATION	12/12/94	12/16/94	12/23/94	MNT-I	
6.4.6.3	c	CONTROL AIR SAMPLING SYSTEM FUNCTIONAL AND LOGIC TEST	12/12/94	1/20/95	1/10/95	OPS	
6.4.6.5	D	RW/ARW KAMAN MONITOR FUNCTIONAL TEST	1/12/95	12/23/94		RAD	
6.4.8.3	C	PC PURGE AND VENT OPERABILITY	12/27/94		1/11/95	OPS	
6.4.8.3.1	C	PC PURGE AND VENT CYCLE TEST	12/27/94		1/17/95	OPS	
6.4.8.9	C	STEAM TRAP OPERABILITY		12/6/94	12/6/94	OPS	
6.4.9.2.1	C	CONTAINMENT HIGH RANGE AREA RADIATION MONITOR CALIBRATION (BEFORE HP'S DO 9.4.4 SOURCE CALIBRATION)	11/19/94	12/23/94	1/4/95	MNT-I	
7.0.1.2	C	MAINTENANCE WORK REQUEST - MWR GENERATION AND REVIEW	1/2/95		1/16/95		

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
7.0.11	C	LIMITORQUE ACTUATOR CONFIGURATION CONTROL	12/12/94	1/13/95	1/3/95	MNT	
7.2.15	C	SERVICE WATER PUMP	1/3/95		1/6/95		J. NICHOLS
7.2.15.1	C	SERVICE WATER BOOSTER PUMP	1/3/95		1/7/95		J. NICHOLS
7.2.24.1	C	MSIV OPERATOR MAINTENANCE AND ADJUSTMENT		11/9/94	11/9/94	MNT-M	
7.2.25	C	SLC SYSTEM EXPLOSIVE (SQUIB) VALVE TRIGGER/PRIMER CHAMBER ASSEMBLY REPLACEMENT	1/2/95		12/1/94		
7.2.28.1	D	HPCI OVERSPEED TRIP INSPECTION AND MAINTENANCE	1/6/95			MNT	
7.2.50.10	C	LIMITORQUE SMB-2	12/21/94		1/3/95	MNT	
7.2.50.11	C	LIMITORQUE SMB-3	12/21/94		12/30/94	MNT	
7.2.50.12	C	LIMITORQUE SMB-4	12/21/94		12/30/94	MNT	
7.2.50.13	C	LIMITORQUE SB-0	12/21/94		1/3/95	MNT	
7.2.50.14	C	LIMITORQUE SB-1	12/21/94		12/30/94	MNT	
7.2.50.15	C	LIMITORQUE SB-2	12/21/94		1/3/95	MNT	
7.2.50.16	C	LIMITORQUE SB-3	12/21/94		1/3/95	MNT	
7.2.50.17	C	LIMITORQUE SB-4	12/21/94		1/3/95	MNT	
7.2.50.3	C	LIMITORQUE SMB-000 VALVE OPERATOR MAINTENANCE	12/21/94	12/27/94	12/23/94	MNT	GARDNER
7.2.50.4	C	LIMITORQUE SMB-00 VALVE OPERATOR MAINTENANCE	12/21/94	12/27/94	12/23/94	MNT	GARDNER
7.2.50.6	C	LIMITORQUE HBC ACTUATOR MAINTENANCE	12/21/94	12/27/94	12/23/94	MNT	GARDNER
7.2.50.8	C	LIMITORQUE SMB-0	12/21/94		1/3/95	MNT	
7.2.50.9	C	LIMITORQUE SMB-1	12/21/94		1/3/95	MNT	
7.3.1	O	PROTECTIVE RELAYS SETTING AND TESTING	1/2/95			MNT-E	
7.3.1.12	D	GENERAL ELECTRIC IAV-54E (27) RELAY TESTING AND MAINTENANCE	12/12/94	12/23/94		MNT	R. D. BROWN
7.3.1.32	D	ASEA BROWN BOVERI ITE-27N (27) RELAY TESTING AND MAINTENANCE	1/3/95			TSG	R. BROWN
7.3.13.1	C	NUTHERM STARTER AND DISCONNECT INSPECTION		11/11/94	11/11/94	MNT-E	
7.3.2	C	DC DB-25 AND DB-50 FUSED DISCONNECT TESTING AND MAINTENANCE		11/11/94	11/11/94	MNT-E	
7.3.2.1	C	DB-25 AND DB-50 CIRCUIT BREAKERS - SETTING, TESTING, AND MAINTENANCE (WITH AMPTECTORS)	12/12/94	1/17/95	1/7/95	MNT-E	
7.3.21.7	C	3M INTERAM E-5A FIRE WRAP INSTALLATION AND REPAIR	1/2/95	12/9/94	12/30/94		

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
7.3.40	D	EXAMINATION AND MEGGERING OF 4160/480 VOLT BUSES	12/12/94	12/30/94		MNT-E	
7.3.5	C	ENVIRONMENTALLY QUALIFIED TERMINAL BOX AND TERMINAL BLOCK INSPECTION	12/12/94	1/17/95	1/16/95	MNT-E	
8.4	C	ROUTINE SAMPLING PROCEDURE AND LIQUID/GAS SAMPLE POINTS	12/12/94	1/13/95	1/10/95	RAD	
8.6.2	C	MPF KAMAN VENT MONITOR CALIBRATION	12/12/94	12/23/94	12/23/94	RAD	
9.5.3.11	C	MONITORING OF ON-SITE LLRW STORAGE	1/2/95		1/12/95	HP/MNT	
9.5.3.6	C	CONTROL OF ON-SITE STORAGE OF RWCU AND CONDENSATE RESINS AND WASTES (TRANSFER INTO STORAGE).	1/2/95		1/12/95	HP/MNT	
9.5.3.8	C	CONTROL OF ON-SITE STORAGE OF RWCU AND CONDENSATE RESINS AND WASTES (TRANSFER OUT OF STORAGE)	1/2/95		1/12/95	HP/MNT	
9.5.3.9	C	CONTROL OF ON-SITE DRY ACTIVE WASTE STORAGE	1/2/95		1/12/95	HP/MNT	
9.6.1.3	C	MSA CARBON MONOXIDE AIRLINE MONITOR OPERATION AND CALIBRATION	12/12/94	1/13/94	1/10/95	RAD	
CR 94-0006	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940446)		11/7/94	11/17/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN SEIDL
CR 94-0024	C	DETERMINE IF TRACING OF CIRCUITRY IS ALLOWABLE. SPECIFY PLANT CONDITIONS. NO EVALUATION REQUIRED. (ACT 940540)		11/28/94	11/5/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0075	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940502)	11/25/94	11/7/94	11/21/94	ENG	HERRON GAUSMAN LYMAN
CR 94-0087	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940518)	12/15/94	11/30/94	11/18/94	ENG	HERRON GAUSMAN LYMAN
CR 94-0112	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.	11/29/94	12/31/94	1/6/95	ENG	HERRON GAUSMAN FREBORG DAGEFORDE PACKARD
CR 94-0115	D	CONDUCT A SEARCH OF LIMITORQUE AC MOTORS UNDER 25 FT-LBS. TO DETERMINE ANY POTENTIAL MOTORS WITH INCORRECT NAMEPLATES UTILIZING INFORMATION FROM LIMITORQUE.	12/15/94	12/30/94		NED	DMNEC MCCLURE FISCHER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0126	C	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 940928)	12/10/94	8/22/94	11/15/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN ZONA
CR 94-0135	O	EVALUATE THIS CR PER PROCEDURE 0.5.3.		12/31/94		ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0143	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. EVALUATE POSSIBILITY OF SIMILAR OCCURRENCES. (ACT 940601)		11/28/94	12/15/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0180	O	SLC HEAT TRACING SENSING ELEMENT OUTSIDE OF PIPING INSULATION. THIS CONCERN IS STILL VALID WITH THE NEW HEAT TRACE BEING INSTALLED UNDER DC 94-288, MEETING CRITERIA 1 AND 7. THE LEVEL 3 ACTION REMAINING OPEN IS SORC APPROVAL OF PROCEDURE 7.2.25.	12/2/94	1/10/95		ENG	J. GAUSMAN
CR 94-0193	C	REVISE PROCEDURE 3.4.7 TO INCLUDE PROVISIONS TO ENSURE THAT DESIGN OUTPUT DOCUMENTS ARE REVISED WHEN AFFECTED BY CHANGES TO CALCULATIONS. IN THE INTERIM, ISSUE A MEMO TO NED PROVIDING APPROPRIATE GUIDANCE.		11/15/94	11/29/94	NED	DMNEC MCCLURE HILLSTROM MAGER
CR 94-0198	D	INITIATE CHANGES TO PROCEDURES 2.2.69.2 AND 2.4.2.4.1 TO PROVIDE TECHNICAL GUIDANCE TO AID IN DETERMINING IF VOIDING HAS OCCURRED IN THE EVENT OF ISOLATION OF A PORTION OF PIPING DURING SDC OR FLUSHING/HEATUP PRIOR TO OPENING ISOLATION VALVES. (ACT 941004)	1/2/95	12/31/94		ENG	HERRON GAUSMAN FREBORG DAGEFORDE SWANSON
CR 94-0198-4	C	DEVELOP LIMIT SWITCH COMPARTMENT CLEANLINESS ACCEPTANCE CRITERIA AND INSPECTION METHOD.	12/10/94	1/10/95	1/12/95	MNT	
CR 94-0224	C	THE LICENSING DEPARTMENT TO REVIEW THE NEED TO FORMALIZE THE COMMUNICATION PROCESS USED TO FEED BACK STATUS ON REGULATORY COMMITMENTS, USAR AND LICENSE CHANGES.		12/31/94	11/7/94	LIC	JONES GODLEY VICTOR
CR 94-0245	C	REVIEW EVALUATION OF SURVEILLANCE PROGRAM PERFORMED BY CONFIGURATION MANAGEMENT AND DETERMINE ACTIONS TO BE TAKEN BASED ON RECOMMENDATION.	12/23/94		1/16/95		
CR 94-0269	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940715)	12/29/94	1/28/95		ENG	HERRON GAUSMAN FOUST LYMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0297	C	PROCEDURE 6.3.5.2 AND USAR CONFLICT. STROKE TIME LIMITS IN PROCEDURE 6.3.5.2 FOR THE LPCI INJECTION VALVES, CONTAINMENT COOLING VALVES AND RHR SYSTEM TEST LINE ISOLATION VALVES ARE LESS CONSERVATIVE THAN THE STROKE TIMES LISTED ON USAR PAGE VII-4-21. EVALUATE THIS CR PER PROCEDURE 0.5.2.	12/2/94	12/16/94	1/11/95	NED	NOWAK
CR 94-0331	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (REFERENCE CR/SN 05440) (ACT 940771)		11/21/94	12/22/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0332	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940772)		11/21/94	11/3/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0337	O	COMPLETION OF EWR 94-288, SLC PIPING HEAT TRACE UPGRADE. (SEE DC 94-228.)	11/15/94	1/15/95		NED	DMNEC MCCLURE FISCHER GAY
CR 94-0345	O	GENERATE SAFETY EVALUATION DOCUMENTING HATCH COVERING ON THE '001' LEVEL OF REACTOR BUILDING.	12/13/94	1/13/95		NED	DMNEC MCCLURE FISCHER
CR 94-0356	C	THE TURBINE BUILDING NORMAL AND HIGH RANGE KAMAN MONITORS RELY ON PROPER OPERATION OF AN AUXILIARY SKID FOR OPERABILITY. EVALUATE THIS CR PER PROCEDURE 0.5.3. ENGINEERING TO DRAFT PROCEDURE TO INCORPORATE THE DESIRED CHECKS AND TESTS. (ACT 940798)	12/19/94	11/30/94	11/21/94	ENG	GAUSMAN
CR 94-0390	O	DOCUMENT A TAILGATE TRAINING SESSION FOR SHOP PERSONNEL ON PROCEDURE ADHERENCE, TROUBLE SHOOTING DIAGNOSTICS, EVIDENCE RETENTION AND STORAGE.	12/15/94	12/16/94		MNT	HERRON GARDNER
CR 94-0393-1	C	PREPARE USAR CHANGE (PRIOR TO STARTUP) FOR CHANGING THE VALVE LINEUP (MANUAL VALVES NORMALLY ALIGNED TO THE CLOSED POSITION). (INTERIM ACTION)	12/2/94	1/15/95	1/16/95	NED	DMNEC MCCLURE HILLSTROM
CR 94-0393-2	O	REVISE PROCEDURES 4.6.1, 4.6.1.A, 6.1.23, AND 5.8.19 TO REFLECT VALVE LINEUP CHANGES AFTER ACTION #1 IS COMPLETE.	12/2/94	12/31/94		OPS	DI RITO
CR 94-0409	O	SUCCESSFUL COMPLETION OF BACKFILL ON REFERENCE LEG 3B PER IACP 14.4.3.	12/15/94	12/31/94		MNT-I	K. JENNINGS
CR 94-0437	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		9/1/94	11/3/94	MNT	HERRON GARDNER JANTZEN CUNNINGHAM

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0450	D	COMPLETE APPENDIX A FIRE BARRIER DOCUMENTATION RECONSTITUTION PROJECT.	11/25/94	12/31/94		FP	MACE HITCH LECHNER
CR 94-0456-2	C	REVISE MP 7.0 1.2 TO ADD UTILIZATION OF STANDARD FORMAT.	12/10/94	12/31/94	1/4/95	MNT	
CR 94-0456-3	O	COMMUNICATE MANAGEMENT EXPECTATIONS ON SPECIAL INSTRUCTIONS TO THOSE WHO COULD BE WRITING THEM.	12/10/94	10/15/94		MNT	
CR 94-0464	O	SN 0-4964 - CONTROL ROOM EMERGENCY FILTER SYSTEM FAILED TO MAINTAIN THE GREATER THAN OR EQUAL TO 0.03" W.G. TECH. SPEC. LIMIT DURING PERFORMANCE OF 6.3.17.18, CONTROL ROOM ENVELOPE PRESSURIZATION TEST. SN 0-05818 - THE UNDERSIDE OF THE AIR CONDITIONER COIL CABINET HAS SIGNIFICANT IN-LEAKAGE OF AIR INTO THE HVAC SYSTEM. THIS UNCONTROLLED FLOW INTO SYSTEM HINDERS CONTROL OF CONTROL ROOM AND CABLE SPREADING ROOM BALANCE. DRIP PAN DRAIN HAS ALSO COME LOOSE FROM THE A/C DRIP PAN AND IS LEAKING WATER. OBTAIN SORC APPROVAL OF REVISION TO PROCEDURE 2.2.84.	12/19/94	12/30/94		ENG	GAUSMAN
CR 94-0466	O	EVALUATE CR PER 0.5.3. USAR STATES THE MINIMUM FLOW FOR RHR CAN EITHER BE OPEN OR CLOSED FOR STANDBY OPERATION. GEK MANUAL AND B&R 2040 REV. 41 SHOWS THE MINIMUM FLOW VALVE OPEN. NORMAL PANEL LINE-UP IN THE CONTROL ROOM HAS THE VALVES CLOSED.	11/19/94	12/31/94		NED	BEDEL
CR 94-0472	C	IMPROVE THE NPG STAFF'S UNDERSTANDING AND APPLICATION OF SAFETY-BASED CONCEPTS FOR CAP ACTIVITIES BY ESTABLISHING A NUCLEAR SAFETY CULTURE WHICH INCLUDES USE OF DESIGN BASIS AND DEFENSE-IN-DEPTH CONCEPTS STANDARDS OF ACCEPTABILITY FOR TECHNICAL RESOLUTIONS PERFORMANCE-BASED CONCEPTS AND LEVEL OF DOCUMENTATION.		11/23/94	11/29/94	TRN	MACE DUTTON YELKIN
CR 94-0472-5	C	IMPROVE THE OPERABILITY DETERMINATION PROCESS TO ENSURE THAT ALL OD'S ADEQUATELY SUPPORT THEIR CONCLUSIONS AND ADDRESS DEVIATIONS FROM THE USAR.		11/30/94	12/31/94	OPS	HERRON OPS MGR
CR 94-0473	C	FORMAL TAILGATE WITH MAINTENANCE AND I&C ON UNDERSTANDING AND ADHERING TO PROCEDURE 7.0.4.	12/10/94	12/15/94	12/26/94	MNT	
CR 94-0485-1	O	REPAIR OR CATEGORIZE KNOWN EXISTING CRACKS PRIOR TO STARTUP. (ACT 941077)		11/30/94		ENG	HERRON GAUSMAN BALLINGER FULLER
CR 94-0485-3	C	PERFORM NON-ESSENTIAL REC AND TEC SYSTEM WALKDOWNS LOOKING SPECIFICALLY FOR LEAKING WELDS PRIOR TO STARTUP. (ACT 941077)		11/1/94	10/24/94	ENG	HERRON GAUSMAN BALLINGER FULLER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0485-4	O	CONDUCT A WALKDOWN OF REC PIPING INSIDE TRE DRYWELL LOOKING SPECIFICALLY FOR LEAKING WELDS PRIOR TO STARTUP. COMPLETE AS PART OF DRYWELL WALKDOWN.	12/23/94	12/31/94		ENG	HERRON GAUSMAN DORN DYKSTRA FULLER
CR 94-0490-10	O	REVISE THE CLEARANCE ORDER PROCEDURE TO ENSURE POSITIVE AND INDEPENDENT VERIFICATION OF PLANT CONFIGURATION STATUS AND TO ENSURE CONFIGURATION CONTROL UPON RELEASE OF CLEARANCE ORDERS.	12/19/94	11/30/94		OPS	HERRON OPS MGR VANDERKAMP
CR 94-0490-16	O	TRAIN OPERATIONS, CHEMISTRY, AND INSTRUMENTATION & CONTROL PERSONNEL ON THE NEW CLEARANCE ORDER AND PLANT CONFIGURATION CONTROL PHILOSOPHY AND PROCESSES.		1/31/95		TRN	MACE DUTTON JOBE YELKIN
CR 94-0490-17	O	PROVIDE CLEAR INSTRUCTION TO PERSONNEL WITHIN YOUR DEPARTMENT ON PLANT CONFIGURATION CONTROL PHILOSOPHY AND PROCESSES. PROVIDE DOCUMENTATION OF COMPLETION.	12/19/94	1/31/95		OPS	HERRON OPS MGR
CR 94-0490-34	C	APPROVAL OF PROCEDURE 0.4 (REVISION 20)		11/30/94	11/23/94	TS	JONES MOELLER SCHEUERMAN
CR 94-0490-4	O	ESTABLISH CLEAR INSTRUCTIONS FOR IDENTIFYING A CLEARANCE ORDER ENVELOPE AND BOUNDARY.	11/28/94	11/30/94		OPS	DI RITO OPS MGR VANDERKAMP
CR 94-0490-5	O	MANAGEMENT TO DEVELOP AND DELIVER A POSITION PAPER TO ALL NPG PERSONNEL TO REINFORCE AWARENESS OF CONFIGURATION CONTROL CONCERNS, INCLUDING PROBLEMS WITH UNDOCUMENTED MODIFICATIONS. COMMUNICATE THE MANAGEMENT EXPECTATIONS FOR HANDLING ANY ISSUES WHICH MAY ARISE.	12/19/94	12/1/94		OPS	HERRON
CR 94-0490-6	D	CONDUCT AN INSERVICE LEAKAGE TEST ON THE FLANGE UPSTREAM OF HPCI-126 DURING STARTUP. (ACT 941130)	12/23/94	2/15/95		ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS
CR 94-0490-9	O	REVIEW THE RHR-391 VALVE MISPOSITIONING EVENT WITH OPERATIONS PERSONNEL DURING INDUSTRY EVENTS TRAINING TO REINFORCE THE STAR CONCEPT.	11/29/94	12/15/94		TRN	MACE DUTTON JOBE
CR 94-0494	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940960)		11/28/94	11/4/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0495	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. REPORTABILITY BASED ON EFFECT OF CORRECTION BEING SMALL. MAY NEED TO RE-ASSESS IF SIGNIFICANT CHANGES ARE REQUIRED. (ACT 940959)		11/28/94	11/23/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0508	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. PROVIDE LETTER WITH JUSTIFICATION AS TO WHY THIS LEAKAGE IS NOT OF CONCERN. (ACT 940970)		1/28/95		ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0529	C	NO EVALUATION PER PROCEDURE 0.5.3 REQUIRED. REVISE S.P. 6.2.2.4.1 AS APPROPRIATE. (ACT 940991)		11/28/94	11/7/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0532	C	PRE-CONDITIONING	12/2/94	12/9/94	12/13/94	SA	MOELLER
CR 94-0533	O	REVISE STATION PROCEDURES TO PROVIDE GUIDANCE FOR VESSEL TEMPERATURE CONTROL. REVISE 2.2.66.	12/23/94			OPS	
CR 94-0533-10	O	REVISION AND APPROVAL OF A CHANGE TO PROCEDURE 2.2.66, REACTOR WATER CLEANUP, TO EXPEDITE RESTORATION OF RWCU IF FORCED CIRCULATION IS LOST.	12/23/94	12/31/94		OPS	HERRON OPS MGR BREMER
CR 94-0533-3	O	REVISE STATION PROCEDURES TO PROVIDE ADDITIONAL GUIDANCE FOR VESSEL TEMPERATURE MONITORING. REVISE 2.2.66 AND 2.2.69.2.	1/9/95	1/25/94		OPS	HERRON OPS MGR BREMER
CR 94-0535	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 940998)	1/2/95	1/28/95		ENG	HERRON GAUSMAN FREBORG DAGEFORDE DORN
CR 94-0548	C	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 941005)		1/28/95	1/5/95	ENG	HERRON GAUSMAN FREBORG JORGENSEN MOBERLY
CR 94-0566	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/10/94	11/7/94	NED	DMNEC MCCLURE SIEDLIK TILLOTSON
CR 94-0567	C	SYSTEM ENGINEER SHALL PERFORM INSPECTION OF THE INLET FLANGES FOR RELIEF VALVES RHR-RV-10RV, 11RV, 12RV, AND 13RV WHILE THE SYSTEM IS OPERATING, TO DETERMINE IF THE INLET FLANGES ARE LEAKING.	11/28/94	12/17/94	1/5/95	ENG	HERRON GAUSMAN FREBORG

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0570	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941022)	11/28/94	9/22/94	10/24/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE SWANSON MILL
CR 94-0587	C	A DESIGN MODIFICATION MUST BE IMPLEMENTED PRIOR TO PLANT STARTUP SUFFICIENT TO RESOLVE THIS ISSUE. IF NOT ABLE TO DEFER UNTIL THE 1995 OUTAGE.		11/15/94	12/28/94	NED	DMNEC MCCLURE DONE CURRY
CR 94-0591	O	APPROVAL OF PROPOSED REVISIONS TO PROCEDURES 2.1.11 AND 2.2.60 TO PROVIDE ADMINISTRATIVE CONTROLS REGARDING N2 TEMPERATURE MONITORING AND CONTROL.	12/19/94	1/25/95		OPS	DI RITO
CR 94-0594	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. MAINTENANCE TO DETERMINE ACTION TO BE TAKEN. NOTE THAT S.P. 94-208 VERIFIED OPERABILITY OF THE SAFETY-RELATED FEATURES OF THESE RELAYS. (ACT 941253)		11/28/94	11/11/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0599	C	EVALUATE THIS CR PER PROCEDURE 0.5.2.		10/15/94	10/29/94	NED	DMNEC WALDEN SUTTON
CR 94-0601	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. DETERMINE ACCEPTABILITY.		12/16/94	1/2/95	NED	DMNEC WALDEN ULLMANN
CR 94-0603-1	O	PERFORM INSERVICE LEAK TEST ON BLANK FLANGES. (REF. CR SER. NO. 0-08821.	12/15/94	12/31/94		MNT	HERRON GARDNER
CR 94-0603-2	D	ADD STEPS TO PROCEDURE 7.2.28.1 TO VERIFY AN INSERVICE LEAK TEST IS REQUIRED ON PMT WORKSHEET AND THAT AN INSERVICE LEAK TEST RECORD IS ATTACHED TO MWR.	12/15/94				HERRON GARDNER
CR 94-0615-1	C	ENHANCE MAINTENANCE WORK CONTROL IN ACCORDANCE WITH THE STARTUP PLAN.	12/10/94	11/30/94	11/18/94	MNT	HERRON GARDNER
CR 94-0616	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. REPORTABILITY WILL NEED TO BE RE-ASSESSED IF INSTRUMENTS AND MOUNTING CANNOT BE QUALIFIED. (ACT 941043)	12/15/94	11/28/94		ENG	HERRON GAUSMAN BALLINGER WHEELER
CR 94-0622	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. PER SN 0-09106 - PERFORM WALKDOWN OF MAIN STEAM SYSTEM. UPDATE PROCEDURES AS NECESSARY.		1/7/95	1/5/95	NED	DMNEC WALDEN SCOTT
CR 94-0622-22	C	CORRECT KNOWN DISCREPANCIES ON B&R 2037	1/5/95		1/10/95	NED	
CR 94-0622-23	O	TPCN FOR RCIC-V-196, 197	1/5/95			OPS	
CR 94-0622-8	O	HANG TAGS ON RCIC-V-196, 197	1/5/95			OPS	
CR 94-0645	D	COMPLETION OF WORK ITEM (CR SERIAL NO. 1-00010) TO INSPECT THE 125VDC/250VDC BUSES AND SWITCHGEARS.	12/13/95	12/1/94		MNT	HERRON GARDNER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0646	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/19/94	12/15/94	NED	DMNEC WALDEN ULLMANN
CR 94-0647	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941088)	12/23/94	11/21/94		ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0650-1	O	REVISE PROCEDURE 6.3.12.9 TO INCLUDE STEPS TO CLOSE EG1 AND EG2 LOCALLY.		1/17/95		ENG	HERRON GAUSMAN FREBORG
CR 94-0650-2	O	SYSTEM ENGINEER TO ENSURE PROCEDURE 6.3.12.9 IS PERFORMED AFTER REVISION PER ITEM 1.		1/17/95		ENG	HERRON GAUSMAN FREBORG
CR 94-0651	C	COMPLETE EWR 93-259 PRIOR TO STARTUP. NO 0.5.3 EVALUATION REQUIRED. (ACT 941079)		11/21/94	11/19/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0661	O	REVISE PROCEDURE 6.3.12.1 TO REQUIRE PROPER PERFORMANCE OF THE MUFFLER BYPASS VALVE.	12/5/94	1/20/95		OPS	VANDERKAMP
CR 94-0662-1	C	IMPLEMENT A DESIGN CHANGE TO REPLACE THE NON-ESSENTIAL AC-POWERED MOTOR OPERATOR FOR RCIC-MOV-MO14 TO AN ESSENTIAL DC-POWERED MOTOR OPERATOR. THIS INCLUDES A LICENSE CHANGE REQUEST TO INCLUDE A DESCRIPTION OF THE AUTOMATIC RESET FUNCTION OF THE VALVE IN THE USAR. (SEE DC 94-267.)	11/15/94	1/13/95	1/9/95	NED	DMNEC MCCLURE FISCHER BUMAN REXROAD
CR 94-0662-4	C	COMPLETION OF NF-3 STARTUP PLAN, REV. 1, ITEM 42, WHICH REQUIRES DEVELOPMENT OF INTERNAL PROCEDURES AND PRACTICES THAT ASSURE ALL LICENSING SUBMITTALS CONTAIN ACCURATE INFORMATION.		10/15/94	11/23/94	LIC	JONES GODLEY VICTOR
CR 94-0665	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.	12/7/94	1/31/95	1/13/95	NED	DMNEC MCCLURE SIEDLIK AUGSPURGER
CR 94-0670	O	HOLD A TAILGATE SESSION WITH MAINTENANCE PLANNING TO REINFORCE THE USE OF THE PRE-WORK PORTION OF THE MWR PER SECTION 8.1 OF PROCEDURE 7.0.1.3, MAINTENANCE REQUEST - DOCUMENTATION OF WORK.	12/15/94	11/20/94		MNT	HERRON GARDNER
CR 94-0686	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. SS ADVISED ALSO THAT THE ALARM NEVER CLEARED WHEN THE INDICATION WAS DOWNSCALE WHICH MAY INDICATE THAT THIS WAS A "ONE-TIME" INDICATION PROBLEM. (ACT 941115)		11/28/94	11/17/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN SEIDLIK
CR 94-0689	C	AGASTAT RELAYS WITH LESS THAN SIX MOUNTING SCREWS NEED TO BE EVALUATED FOR SEISMIC QUALIFICATION.	11/25/94	12/31/94	12/27/94	NED	T. TAYLOR

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0699	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941123)		11/14/94	11/10/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN WOLFF
CR 94-0704	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. EVALUATE OPERABILITY OF SRV DURING PAST OPERATION. (ACT 941125)		11/28/94	12/5/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE LEININGER
CR 94-0709-2	O	REPLACE ALL ENERGIZED AGASTAT MODEL EGP RELAYS NOT EVALUATED BY AN OE PRIOR TO STARTUP. (ACT 941293)		11/30/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN
CR 94-0709-3	C	REPLACEMENT OF AGASTAT SERIES E7000 RELAY EE-REL-(27X3-1F) PRIOR TO STARTUP.		10/31/94	1/3/95	ENG	HERRON GAUSMAN FREBORG
CR 94-0712	C	EVALUATE THIS CR PER PROCEDURE 0.5.1. EFFECT ON SYSTEM OPERABILITY MUST BE DETERMINED TO DETERMINE REPORTABILITY. PER SN 0-10214 - NEED TO DETERMINE IF SPRING IS QUALIFIED OR MUST BE REPLACED. PER SN 0-02892 - ENSURE OPERABILITY (QUALIFICATION) OF GASKET IS NOT IN QUESTION. (ACT 941134)	11/28/94	10/10/94	11/7/94	ENG	HERRON GAUSMAN OVERBECK
CR 94-0712-5	O	REPLACE RHR-RV-15RV WITH A QUALIFIED VALVE PER RCE 94-054. (ACT 941525)	12/23/94	12/1/94		ENG	SWANSON
CR 94-0713	D	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/30/94		NED	DMNEC MCCLURE FISCHER OLSON
CR 94-0713-1	C	REVISE GE DRAWING 791E271 SHEET 10 TO REFLECT HPCI-MOT-ALOP HEATER - NO OTHER DRAWINGS ON THIS ITEM ARE NEEDED PRIOR TO S/U.	12/23/94		1/9/95	NED	
CR 94-0716	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941135)	12/15/94	11/28/94		ENG	HERRON GAUSMAN FREBORG DAGEFORDE MULLEN
CR 94-0723	O	FP ENGINEERING EVALUATION OF ACCEPTABILITY OF COMPENSATORY MEASURES FOR EMERGENCY LIGHTING.	12/26/94	1/20/95		NED/FP	
CR 94-0723	C	IMPLEMENT A STATION MODIFICATION TO UPGRADE THE LIGHTS IDENTIFIED IN ACITON #6.	12/23/94	1/13/95	1/9/95	NED/FP	
CR 94-0723	C	DETERMINE AND DOCUMENT THE DESIGN BASIS FOR THE APPENDIX R AND STATION BLACKOUT EMERGENCY LIGHTING SYSTEM. INITIATE USAR UPDATE AS REQUIRED.	12/23/94	12/23/94	1/12/95	NED/FP	
CR 94-0723	O	INITIATE A PM CHANGE FOR THE EMERGENCY LIGHTING SYSTEM.	12/26/94	1/31/95		NED/FP	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0723	D	UPON COMPLETION OF ACTION #3 REVIEW THE APPENDIX R AND STATION BLACKOUT EMERGENCY LIGHTING SYSTEM TO ENSURE IT IS FULLY COMPLIANT WITH THE DESIGN BASIS.	12/23/94	1/6/95	1/12/95	NED/FP	
CR 94-0728-2	O	REVIEW TECHNICAL SPECIFICATIONS FOR COMPONENTS WHOSE DESIGN BASIS REQUIREMENTS MAKE THEM SUSCEPTIBLE TO RESET CONCERNS.	11/19/94	1/1/95		NED	DMNEC WALDEN
CR 94-0728-3	O	IF ITEMS IN THE REVIEW OF TECH SPECS FOR COMPONENTS WHOSE DESIGN BASIS REQUIREMENTS MAKE THEM SUSCEPTIBLE TO RESET CONCERNS ARE IDENTIFIED AS HAVING POTENTIAL RESET CONCERNS, A REVIEW OF THOSE ITEMS FOR ADEQUATE MARGIN BETWEEN THE RESET AND ANY OPERABILITY REQUIREMENTS WILL BE COMPLETED BY NED IAC. THIS REVIEW WILL INCLUDE THE APPROPRIATE FIX IF A PROBLEM IS DISCOVERED.	11/19/94	2/1/95		NED	DMNEC MCCLURE BOESCH
CR 94-0728-9	C	REVISE PROCEDURE 6.2.2.3.3 (HPCI) TO INDICATE THE 150 PSIG TECHNICAL SPECIFICATION OPERABILITY REQUIREMENT. THE APPROVAL OF THIS PCN IS DEPENDENT ON THE APPROVAL OF THE TECHNICAL SPECIFICATION CHANGE DESCRIBED EARLIER.	11/19/94	1/15/95	1/12/95	NED	DMNEC MCCLURE BOESCH
CR 94-0733	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941191)		1/28/95		ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0735	C	PREPARE A DESIGN CHANGE TO INITIATE THE FOLLOWING ACTIONS ON INTAKE MONITOR HIGH RADIATION/FAILURE INDEPENDENT OF AND REDUNDANT TO EMEREGENCY FILTER BOOSTER FAN OPERATION: 1) CLOSE HV-270AV, 2) OPEN HV-271AV, 3) SECURE 1-EF-C-1B, 4) CLOSE AV-272AV.		11/1/94	11/1/94	NED	DMNEC MCCLURE BOESCH
CR 94-0745	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941190)	11/29/94	11/28/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0748	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941189)	12/15/94	11/28/94		ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0751	O	APPROVAL OF PROCEDURE CHANGES TO SP 6.2.2.5.7, RHR LOOPS A AND B PUMP LOW FLOW SWITCH CALIBRATION AND FUNCTIONAL/FUNCTIONAL TEST, AND SP 6.2.2.6.4, RCIC PUMP LOW DISCHARGE FLOW CALIBRATION AND FUNCTIONAL.	1/6/95	1/20/95		MNT	GARDNER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0752-4	C	INSTALLED VENT FANS FOR THE RCIC AND HPCI EGM CONTROL BOXES. SUBMIT PROCEDURE CHANGES FOR 2.2.21, 2.2.67, AND 2.2.33 TO INCLUDE THE POWER SUPPLY INFORMATION. ALSO, SUBMIT CHANGES TO OPERATIONS TRAINING MANUALS.	11/29/94	12/31/94	12/22/94	NED	T. OLSON
CR 94-0753	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941204)		11/15/94	11/21/94	ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0755	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. NOTIFY PLANT MANAGER IMMEDIATELY IF LISTED DATE CODES ARE FOUND.		10/28/94	10/13/94	MNT	HERRON GARDNER ALEXANDER
CR 94-0756	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941207)		11/28/94	12/15/94	ENG	HERRON GAUSMAN SPENCER CROW ACKERMAN T
CR 94-0762	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941211)		12/28/94	1/6/95	ENG	HERRON GAUSMAN LYMAN
CR 94-0765	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. REFERENCE SN 0-10234 - NEED TO VALIDATE CATEGORY WITHIN ONE WEEK. ADDRESS ADEQUACY OF FIELD WALKDOWNS.		10/28/94	10/27/94	NED	DMNEC WALDEN ULLMANN
CR 94-0766-1	O	REPLACEMENT OF THE IRM DETECTOR CONNECTORS IN ACCORDANCE WITH MWR 94-0917 PRIOR TO STARTUP.		1/20/95		MNT	HERRON GARDNER JANTZEN
CR 94-0766-2	O	REPLACEMENT OF THE SRM DETECTOR CONNECTORS IN ACCORDANCE WITH MWR 94-0916 PRIOR TO STARTUP.		1/20/95		MNT	HERRON GARDNER JANTZEN
CR 94-0768	O	REVISE PROCEDURE 2.1.1 TO LIMIT HEATUP RATE TO 50 DEGREES PER HOUR UNTIL TEMPERATURE OF 260 F. REACHED.	12/23/94			OPS	
CR 94-0768-1	C	REVISE PROCEDURE 2.1.1, STARTUP PROCEDURE, TO LIMIT HEATUP RATES OF THE REACTOR COOLANT DURING STARTUP TO 50 DEGREES FAHRENHEIT/HOUR UNTIL THE TEMPERATURE OF THE VESSEL WALL ABOVE THE FLANGE IS ABOVE 260 DEGREES FAHRENHEIT.	12/23/94	11/30/94	12/10/94	OPS	HERRON OPS MGR VANDERKAMP
CR 94-0768-3	O	COMPLETION OF TWR INITIATED BY R. TANDERUP TO TRAIN LICENSED OPERATORS ON BASIS OF NEW 50 DEGREES FAHRENHEIT/HOUR REACTOR COOLANT HEATUP LIMIT WHEN BELOW 260 DEGREES FAHRENHEIT FOR REACTOR VESSEL WALL ADJACENT TO THE FLANGE TEMPERATURE.		11/23/94		TRN	MACE DUTTON JOBE
CR 94-0777	C	VERIFY TORQUE ON #2 DIESEL 5-LEFT FUEL PUMP BOLTING UNDER MWR 94-5339.		10/31/94	11/30/94	MNT	HERRON GARDNER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0781	C	EVALUATE THIS CR PER PROCEDURE 0.5.2.	12/10/94	9/29/94	11/11/94	MNT	HERRON GARDNER CLANIN
CR 94-0785	C	CHANGE ADMINISTRATIVE PROCEDURE 0.9 TO CHECK THE LINEUP OF COMPONENTS WITHIN THE ISOLATION BOUNDARY PRIOR TO RELEASING A CLEARANCE ORDER.	12/19/94	1/15/95	1/17/95	OPS	DI RITO
CR 94-0787	O	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 941225)	12/26/94	1/28/95		ENG	HERRON GAUSMAN FREBORG DAGEFORDE SWANSON J
CR 94-0788	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/1/94	11/12/94	OPS	HERRON OPS MGR VANDERKAMP SMALLFOOT
CR 94-0789	C	NO 0.5.3 EVALUATION REQUIRED. EVALUATE IF LISTED VALVES ARE INSTALLED AND TAKE ACTION AS REQUIRED. (ACT 941230)		11/28/94	11/14/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE LEININGER
CR 94-0790	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		10/3/94	10/6/94	NED	DMNEC WALDEN BOYCE
CR 94-0792	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941231)		11/28/94	11/3/94	ENG	HERRON GAUSMAN LYMAN FECTEAU
CR 94-0795	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941243)		11/28/94	11/21/94	ENG	HERRON GAUSMAN LYMAN
CR 94-0796	C	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 941244)		11/15/94	1/2/95	ENG	HERRON GAUSMAN BALLINGER STONER
CR 94-0797-1	C	DEVELOP A VALID TEST METHOD TO MEET THE REQUIREMENTS OF TECH SPEC SECTION 4.5.A.3.D AND INCLUDE IN S.P. 6.3.5.1.	11/25/94	12/16/94	12/28/94	NED	DMNEC HILLSTROM WIESE
CR 94-0797-2	C	INITIATE CHANGE TO SP 6.3.5.1 TO TESTS THAT A MINIMUM FLOW OF 11,550 GPM WITH TWO RHR PUMPS CAN BE ACHIEVED IN A TEST/TORUS COOLING LINEUP.	12/5/94	11/10/94	12/23/94	OPS	TANDERUP
CR 94-0801	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. EVALUATE LEAKAGE QUANTITY AGAINST USAR REQUIREMENTS ON CSCS LEAKAGE. (ACT 941246)		11/30/94	11/10/94	ENG	HERRON GAUSMAN LYMAN
CR 94-0803-1	C	EVALUATE THIS CR PER PROCEDURE 0.5.1.	12/2/94	11/30/94	12/13/94	NED	DMNEC WALDEN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0803-2	C	COMPLETION OF CARB REVIEW	12/5/94	11/30/94	12/13/94	NED	SCOTT
CR 94-0804	C	IMMEDIATE ACTION - EVALUATE IF DEFICIENT CONDITION EXISTS AND REPORT IMMEDIATELY TO THE PLANT MANAGER THE RESULTS.		9/23/94	12/23/94	NED	DMNEC WALDEN
CR 94-0807-1	O	VERIFY COMPLETION OF MOV INSPECTIONS/REFURBISHMENTS RECOMMENDED BY ENGINEERING IN ACCORDANCE WITH MWR 94-5728.	12/2/94	12/20/94		MNT	GARDNER
CR 94-0807-2	O	REVISE CNS OP PROCEDURE 2.0.1 TO PROVIDE DIRECTION IN IDENTIFYING POTENTIAL MOV OVERTHRUST/OVERTORQUE EVENTS.	12/19/94	1/28/95		OPS	DI RITO
CR 94-0809	C	EVALUATE THIS CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION.		1/31/95	1/13/95	NED	DMNEC MCCLURE SIEDLIK AUGSPURGER
CR 94-0810	C	EVALUATE THIS CR PER PROCEDURE 0.5.1. "QA CONCURRENCE REQUIRED"		10/17/94	11/12/94	OPS	HERRON OPS MGR VANDERKAMP BILLESBACH
CR 94-0812-1	O	IRM DETECTOR CONNECTOR REPLACEMENT	12/15/94	12/1/94		MNT-I	J. RASMUSSEN
CR 94-0813	D	EVALUATE THIS CR PER PROCEDURE 0.5.2 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 941259)	1/2/95	10/10/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0814	D		11/25/94			FP	
CR 94-0818	D	EVALUATE THIS CR PER PROCEDURE 0.5.3.	11/25/94	11/25/94		FP	MACE HITCH LECHNER
CR 94-0820	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941263)		11/28/94	11/7/94	ENG	HERRON GAUSMAN BALLINGER STUHR
CR 94-0821	C	DEVELOP AND IMPLEMENT A DESIGN CHANGE IN ACCORDANCE WITH APPROVED EWR 94-288 TO UPGARDE SLC HEAT TRACE AND EWR 94-293 FOR AREA TEMPERATURE MONITORING. (SEE DC 94-288.)	11/15/94	12/31/94	1/16/95	NED	DMNEC MCCLURE FISCHER
CR 94-0822	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. GENERIC CONCERNS, IF DETERMINED TO EXIST, MUST BE ADDRESSED FOR THE OTHER PUMPS.	12/13/94	11/30/94	12/15/94	NED	DMNEC MCCLURE DONE TOGEL
CR 94-0823	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		10/28/94	12/6/94	NED	DMNEC MCCLURE FISCHER BUMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0831	D	EVALUATE THIS CR PER PROCEDURE 0.5.3.	11/19/94	11/30/94		NED	DMNEC MCCLURE HILLSTROM MAGER
CR 94-0832	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941275)		11/30/94	11/9/94	ENG	HERRON GAUSMAN LYMAN
CR 94-0839-1	C	RESOLVE OPEN NRC COMMITMENT AS STATED IN LER 50-298-83-14. (REPLACE THE HPCI TURBINE EXHAUST PIPING VACUUM BREAKERS WITH A SUITABLE VALVE DURING A FUTURE OUTAGE. THE LATEST REVIEW (SIL-30) AND PREVIOUS REVIEWS PERFORMED SINCE 1984 IN THE RCIC & HPCI VACUUM BREAKERS SHOW THAT THE CHECK VALVES ARE FOR THESE SPECIFIC APPLICATIONS.)	11/29/94	12/31/94	1/5/95	NED	B. JOHNSON
CR 94-0842	O	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 941289)		1/28/95		ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0847	C	CALCULATIONS SUPPORTING CLOSURE OF CR 94-0340 ARE IN ERROR. ROOT CAUSE AND CORRECTIVE ACTIONS.	11/19/94	11/15/94	12/22/94	NED	MANGAN
CR 94-0849-1	C	HPCI EXHAUST LINE INSIDE TORUS CONTAINS AN ABANDONED VACUUM BREAKER (MDC 83-23) WHICH WAS SUBSEQUENTLY BLANK FLANGED. THE WELD CONFIGURATION OF THE EXHAUST LINE PIPE TO WELDOLET DOES NOT MEET APPLICABLE CODE CRITERIA. THIS CONDITION WAS INITIALLY REPORTED IN QA FINDING 83-700-09, THE DISPOSITION OF WHICH ONLY ADDRESSED THE STRUCTURAL ADEQUACY OF THE AS-LEFT CONFIGURATION. RE-EVALUATE THE CODE NONCOMPLIANCE AND EVALUATE PER CR PROCEDURE 0.5.3.	11/29/94	11/5/94	11/28/94	NED	G. TILLOTSON
CR 94-0849-2	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. "QA CONCURRENCE REQUIRED."	11/29/94	11/5/94	11/28/94	NED	DMNEC MCCLURE SIEDLIK TILLOTSON
CR 94-0851	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941300)		3/1/95		ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS
CR 94-0852	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. "QA CONCURRENCE REQUIRED."		1/28/95		NED	DMNEC WALDEN ULLMANN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0857	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 930656)		11/21/94	11/8/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE MULLEN LEIN
0859	C	REVIEW RESPONSE PROVIDED BY OPERATIONS, EVALUATE FOR POTENTIAL GENERIC CONCERNS, IDENTIFY ACTIONS TO BE TAKEN TO RESOLVE THE CONCERN AND ASSIGN THE APPROPRIATE ROOT CAUSE TRENDING CODE(S). (ACT 940148)		1/14/95	1/9/95	ENG	HERRON GAUSMAN BALLINGER WOLFF
CR 94-0870	D	INSTALL NEW MANHOLE COVERS FOR THE DIESEL FUEL OIL STORAGE TANKS.	11/25/94	12/1/94		NED	DMNEC MCCLURE SIEDLIK
CR 94-0871	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941317)	1/2/95	11/30/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN DYKSTRA
CR 94-0881	C	1) COMPLETE REVIEW OF COMPONENTS LISTED IN CR S/N 0-08582. (THIS IS AN EDF LISTING OF ALL ESSENTIAL COMPONENTS LOCATED IN THE TURBINE BUILDING.) 2) PERFORM A REVIEW FOR ESSENTIAL COMPONENTS LOCATED IN OTHER NON-SEISMIC BUILDINGS AND DETERMINE IF LOCATION IS ACCEPTABLE.	11/25/94	1/15/95	1/12/95	NED	TILLOTSON SIEDLIK
CR 94-0882	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/18/94	12/31/94	MNT	HERRON GARDNERJ ANTZEN
CR 94-0885	C	EVALUATE EXISTING RHR-DPIS-125A/B SETPOINT VS. FLOW TO ASSURE OPERABILITY OF THE RHR MINIMUM FLOW FUNCTION AND ALSO EVALUATE THE SETPOINT FOR COMPLIANCE WITH THE EXISTING TECHNICAL SPECIFICATION LIMIT OF >=2500 GPM.	11/25/94	12/30/94	12/28/94	NED	K. KING
CR 94-0889-1	C	EVALUATE THIS CONCERN WITH CS-P-A AND CS-P-B AND GENERATE OE. (ACT 941323)		1/13/95	12/16/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS
CR 94-0889-2	C	EVALUATE ALL OTHER SAFETY RELATED PUMPS WITH MINIMUM FLOW CAPABILITIES FOR VENDOR RECOMMENDATIONS ON RUN TIMES AT MINIMUM FLOW. (ACT 941323)	12/10/94	1/13/95	12/16/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0891	O	DETERMINE IF QC WAS ADEQUATE ON MWR 93-0978 AND 93-2655 IN WHICH PROCEDURE 7.3.21.7 WAS PERFORMED. DETERMINE IF ANY OTHER PROCEDURES CONTAIN INADEQUATE QC STEPS AND REVISE. REVISE PROCEDURE 7.3.21.7.	12/15/94	1/10/95		MNT	GARDNER
CR 94-0893	C	SEE #6 AND #15 ON PAGE 1. (ACT 941331)		1/13/95	1/13/95	ENG	HERRON GAUSMAN SPENCER KOZACKA KISTNER
CR 94-0894	O	REVIEW PROCEDURE TO ENSURE CORRECT SIZE FILTERS PRIOR TO INSTALLATION. PROCEDURE SHOULD NOTE THAT POTENTIAL EXISTS FOR STICKING ON REMOVAL.		11/28/94		MNT	HERRON GARDNER CARSON
CR 94-0896	C	EVALUATE THIS CR PER PROCEDURE 0.5.2. (SEE EWR 94-373.)	11/15/94	11/11/94	11/21/94	NED	DMNEC MCCLURE DONE KELLER
CR 94-0903	C	CONDUCT "TAILGATE" SESSIONS WITH ALL OPERATIONS PERSONNEL ON PROCEDURE ADHERENCE AND TEMPORARY PROCEDURE CHANGES.	12/19/94	1/29/95	1/10/95	OPS	DI RITO
CR 94-0904	C	EVALUATE THIS CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 941346)		11/17/94	12/8/94	ENG	HERRON GAUSMAN SPENCER KOZACKA
CR 94-0907	C	RESOLVE CONDITION AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 941349)		12/2/94	12/6/94	ENG	HERRON GAUSMAN SPENCER HANSEN
CR 94-0914	C	EVALUATE THIS CR PER PROCEDURE 0.5.2 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. THE TORUS VENT FLOW PATH, IF USED WHEN PC IS OPERABLE, IS VULNERABLE TO SINGLE FAILURE OF PC-REL-K59. TEMPORARILY UPDATE CNS PROCEDURES FOR PC MOVs 230, 305, AND 1308MV AND THE EDF TO PROVIDE PRECAUTIONARY STEPS/DATA AND GENERATE OPERABILITY EVALUATION.	12/13/94	11/1/94	11/5/94	NED	DMNEC MCCLURE FISCHER REXROAD
CR 94-0915	C	RESOLVE CONDITION AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 941353)		12/2/94	12/21/94	ENG	HERRON GAUSMAN SPENCER KOZACKA
CR 94-0917	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941354)		1/28/95	1/12/95	ENG	HERRON GAUSMAN BALLINGER METZGER FLETCHER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0918	O	EVALUATE THIS CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 941355)	12/10/94	11/18/94		ENG	HERRON GAUSMAN BALLINGER THOMPSON WHEELER
CR 94-0919	C	EVALUATE THIS CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION.		11/18/94	11/7/94	MNT	HERRON GARDNER YOUNG
CR 94-0920	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.	12/10/94	12/31/94	1/6/95	MNT	HERRON GARDNER LEHMAN CLANIN
CR 94-0921	C	EVALUATE THIS CR PER PROCEDURE 0.5.3.		11/18/94	12/19/94	MNT	HERRON GARDNER JANTZEN
CR 94-0924	C	RESOLVE CONDITION.		12/2/94	1/4/95	MNT	HERRON GARDNER CARSON BRATRSOVSKY
CR 94-0928	O	EVALUATE THIS CR PER PROCEDURE 0.5.2. (ACT 941360)		1/28/95		ENG	HERRON GAUSMAN FOUST LYMAN
CR 94-0930-1	D	CONDUCT A TAILGATE SESSION WITH WELDING PERSONNEL ON THE CIRCUMSTANCES SURROUNDING THIS CR AND THE INTENT OF MP 7.7.1, SECTION 3.5.4.	12/15/94				J. C. HALL
CR 94-0930-2	D	MONITOR RF-P-A AND RF-TU-A WHILE ON THE TURNING GEAR OR DURING NEXT WARMUP FOR ANY INDICATION OF BEARING DAMAGE.	12/15/94				J. H. DAMET
CR 94-0931-1	D	IMPLEMENT A SERIES OF FIELD OBSERVATIONS IN ACCORDANCE WITH MP 7.0.4 ON JOBS WHICH REQUIRE RIGGING TO ENSURE THAT MAINTENANCE POLICIES ON PROPER SELECTION OF PICK POINTS ARE INSTILLED IN THE CRAFT AND WILL BE ADHERED TO IN THE FUTURE.	12/15/94				R. L. GARDNER
CR 94-0931-2	D	TRACK TO PERFORMANCE THE REQUIRED TESTING OF RHR-MOV-36A/B, RHR-CV-20CV, RCIC-CV-11CV, AND HPCI-CV-11CV.	12/15/94				R. L. GARDNER
CR 94-0933	D	THE IST REFERENCE/ACCEPTANCE LIMITS DATA FILE SPECIFIES MINIMUM ACCEPTABLE HPCI PUMP NPSH OF 6.5 psig. S.O.P. 2.2.33.1 SPECIFIES A MINIMUM NPSH REQUIREMENT OF 15" Hgv WHICH IS 7.4 psia. USAR VOLUME 2, SECTION 6, PAGE 6-5-8 STATES MINIMUM REQUIRED NPSH OF 21 FEET WHICH IS 9.1 psig. 6.5 psig IS LESS CONSERVATIVE THAN 9.1 psig REQUIRED BY USAR.	11/29/94	12/5/94		NED	DMNEC MCCLURE HILLSTROM BILLESBACH

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0934	C	EVALUATE THIS CR PER PROCEDURE 0.5.3. (ACT 941374)		11/21/94	11/16/94	ENG	HERRON GAUSMAN BALLINGER THOMPSON WHEELER
CR 94-0935	C	RESOLVE CONDITION. (ACT 941366)		12/6/94	12/19/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN UNRUH MARK
CR 94-0939-2	O	REPEAT RELAY TESTING DUE TO UNQUALIFIED SOFTWARE FOR TEST EQUIPMENT.	11/19/94	12/15/94		MNT	GARDNER
CR 94-0940	O	EVALUATE DG START TIMES NOT ALLOWING PROPER INJECTION BY CORE SPRAY PUMPS.	12/26/94	1/13/95		ENG	
CR 94-0941	C	EVALUATE THIS CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (ACT 940941). TRACK TO PERFORMANCE THE REQUIRED TESTING OF RHR-MOV-36 A/B, RHR-CV-20CV, RCIC-CV-11CV, AND HPCI-CV-11CV.	12/15/94	11/23/94	11/16/94	ENG	HERRON GAUSMAN SPENCER CROW SCHIZAS
CR 94-0941-2	O	TRACK TO PERFORMANCE THE REQUIRED TESTING OF RHR-MOV-MO36A & B, RHR-CV-20CV, RCIC-CV-11CV, AND HPCI-CV-11CV.	12/15/94	1/10/95		MNT	J. PEASLEE J. BROWN
CR 94-0942	D	EVALUATE THIS CR PER PROCEDURE 0.5.3. DETERMINE WHY SO MANY RETAINERS ARE MISSING.	12/15/94	11/23/94	11/4/94	MNT	HERRON GARDNER CARSON HALL J
CR 94-0944	C	RESOLVE CONDITION.		12/8/94	11/7/94	MNT	HERRON GARDNER CARSON HALL J
CR 94-0949	O	LOOK AT LER 94-020 TO ASSESS IF THIS CONFIGURATION IS ACCEPTABLE. IF NOT, REVISIT LER 94-020 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (SEE EWR 94-377.)	11/15/94	1/13/95		NED	DMNEC MCCLURE FISCHER
CR 94-0950	O	LOOK AT LER 94-020 TO ASSESS IF THIS CONFIGURATION IS ACCEPTABLE. IF NOT, REVISIT LER 94-020 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION. (SEE EWR 94-377.)	11/15/94	1/13/95		NED	DMNEC MCCLURE FISCHER
CR 94-0966	C	EVALUATE THIS CR PER PROCEDURE 0.5.2.		11/14/94	11/14/94	TRN	MACE DUTTON
CR 94-0967	O	INCORRECT CLASSIFICATION FOUND TO BE CONTAINED IN PROCEDURE 3.13, REVISION 9. SPECIFIED BOUNDARY IN SOME CASES IS NOT SUPPORTED BY THE FUNCTIONAL REQUIREMENTS OF THE CONFIGURATION. EVALUATE THIS CR PER PROCEDURE 0.5.2.	11/25/94	12/31/94		NED	BEDEL
CR 94-0970	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. SYSTEM ENGINEER IS TO VERIFY IF VALVE IS CORRECT.		1/28/95		ENG	HERRON GAUSMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-0981	C	EVALUATE THIS CR PER PROCEDURE 0.5.2.	12/10/94	11/15/94	11/7/94	MNT	HERRON GARDNER
CR 94-0986	O	SN 1-04204 - ON 10/31/94 RHR-MO-MO16B FAILED TO AUTO CLOSE. EVALUTE THIS CR PER PROCEDURE 0.5.3.	1/14/95	12/2/95			ALMQUIST
CR 94-0991	C	FLOW SWITCHES MAY NOT REACH 100 CFM WITH TWO FANS OPERATING, HEATERS WILL NOT WORK. EWR 94-378 IS ADDRESSING THIS ISSUE AND HAS BEEN IDENTIFIED BY MRC AS A STARTUP RESTRAINT. A SETPOINT CHANGE TO THE FLOW SWITCHES IS THE LIKELY SOLUTION TO THIS ITEM.	12/8/94	12/19/94	1/15/95	ENG	HERRON GAUSMAN
CR 94-0993	C	RESOLVE THE CONDITION. PERFORM ASSESSMENT OF DESIGN ISSUE.	11/29/94	12/20/94	1/9/95	NED	DMNEC MCCLURE
CR 94-1004	O	INSTRUMENT RESET CONCERNS. NBI-PS-52A2 CURRENTLY RESETS ABOVE 450 psig SYSTEM PRESSURE. THIS MAY PLACE SWITCH OUTSIDE OF CONFORMANCE WITH THE USAR.	11/29/94	12/22/94		NED	B. M. LECUYER
CR 94-1005	C	TESTING OF RHR RVs RHR-RV-18, 19, 20, AND 21. EVALUATE THIS CR PER PROCEDURE 0.5.3.	12/13/94	1/15/95	1/11/95	NED	DONE
CR 94-1012	O	DURING SP 6.1.21.1, TEST VOLTAGE REQUIREMENTS STATED IN STEP 8.4.1 COULD NOT BE MET TO SRM A AND B	12/10/94	12/23/94		ENG	J. GAUSMAN
CR 94-1013	C	EVALUATE - REQUIRED FLOW ON CS-FI-50A COULD NOT BE OBTAINED.	12/10/94	12/9/94	12/28/94	MNT	
CR 94-1014 CR 94-0993	C	PERFORM ROOT CAUSE ANALYSIS. PROVIDE INFORMATION TO LICENSING TO SUPPORT REPORTABILITY DETERMINATION. UPGRADE CLASSIFICATION OF HPCI-AO-A070/A071 TO ESSENTIAL AND UPGRADE THE CLASSIFICATION OF HPCI-SOV-SPV565/SPV566 TO EQ.	11/29/94	12/22/95	1/9/95	NED	HASKELL
CR 94-1019	C	CNS QA PROGRAM FOR OPERATION "POLICY DOCUMENT" REQUIREMENT FOR THE QA STAFF TO DISPOSITION NON-CONFORMING PARTS/ITEMS WITH RESPONSIBLE SUPERVISOR IS NOT BEING ACTIVELY PERFORMED.	11/19/94	12/9/94	12/9/94	QA	SMITH
CR 94-1039	C	SN 1-01480 - CONTROL RELAY MS-REL-52XCP IS IN THE CONTROL LOOP OF RHR-MO-920MV, 921MV AND ITS COIL SHARES FUSE 1DA-F13A WITH NBI-LI-91, 92 (RG1.97). 920MV IS EQ. THE RELAY IS IN MCC-Q AND SUBJECT TO HELB CONDITION. SHORTING OF RELAY COIL DUE TO HELP WILL INTERFERE WITH EQ/RG1.97 EQUIPMENT OPERABILITY IF IT OPENS THE FUSE. THEREFORE, RELAY MUST BE EQ. PRELIMINARY QUALIFIABILITY EVALUATION ASSUMPTIONS WRE INACCURATE. ITEM IS NOT QUALIFIABLE.	11/17/94		1/5/95	NED	BUMAN
CR 94-1039-3	C	TRAINING SESSION CONDUCTED WITH ENGINEERING PERSONNEL REGARDING NEED FOR THOROUGH VERIFICATION OF ASSUMPTIONS FOR QUALIFICATIONS.	1/2/95		1/4/95	NED	S. MCCLURE

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-1065	O	WHILE ATTEMPTING TO OBTAIN A TRITIUM SAMPLE FROM RW NORMAL RANGE KAMAN, SAMPLER BEGAN LEAKING AROUND JOINTS. THERE APPEARS TO BE A SIGNIFICANT INCREASE OF PRESSURE FROM THE KAMAN, PROBABLY DUE TO A FLOW CONTROLLER MODIFICATION THAT WAS PREVIOUSLY INSTALLED. CHECK KAMAN NOBLE GAS SAMPLE CHAMBER PRESSURE. EVALUATE TO ENSURE THAT KAMAN ORIGINAL CONFIGURATION/PERFORMANCE HAS NOT BEEN ADVERSELY AFFECTED BY THIS PRESSURE INCREASE (CHANGES IN PRESSURE CAN CAUSE DETECTOR READINGS TO CHANGE ON SOME EQUIPMENT).	11/22/94	1/5/95		ENG	DYKSTRA
CR 94-1072	D	DURING INSPECTION OF RHR-SNUB-(4H-27A B&R) THE ANCHOR BOLTS HOLDING THE SUPPORT FRAME TO THE FLOOR WERE FOUND LOOSE AND PULLED OUT OF THE FLOOR. THE SUPPORT FRAMEWORK IS LOOSE AND ROCKS BACK AND FORTH. THE SUPPORT HAS BEEN DECLARED VISUALLY INOPERABLE BECAUSE IT FAILED TO MEET THE REQUIREMENTS OF PROCEDURE 7.2.34.1, STEP 8.2.1.17.	1/10/95	12/9/94		ENG	J. H. SWANSON
CR 94-1074	O	VARIOUS ERRORS ASSOCIATED WITH PLANT TEMPORARY MODIFICATION 10CFR50.59 ANALYSIS	12/10/94	1/10/95		ENG	H. S. SMITH
CR 94-1093	C	SURVEILLANCE PROCEDURE 6.3.5.6 DISASSEMBLED RHR-CV-13CV. UPON DISASSEMBLY, TWO WASHERS OR SPACERS WERE IDENTIFIED ON THE HINGE PIN. ANCHOR DRAWING 818-3, REV. 8 DOES NOT IDENTIFY SUCH WASHERS OR SPACERS.	12/10/94	12/30/94	12/19/94	ENG	
CR 94-1094	O	EVALUATE, DWAM MONITOR PROBLEM.	12/10/94	12/30/94		MNT	
CR 94-1101	O	EVALUATE NEED TO ADD PMs TO INSPECT ECCS PUMP MOTOR SURGE RING BRACKETS.	12/23/94			ENG	
CR 94-1102	O	TO PREVENT RECURRENCE OF MODIFICATION OF SPECIAL INSTRUCTIONS WITHOUT THE PROPER REVIEW AS REQUIRED BY PROCEDURE 7.0.1.2. RESOLUTION OF LEVEL III ACTIONS OF THIS CR.	1/2/95			MNT	DAMET
CR 94-1113	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. VERIFY PROPER PARTS ISSUANCE.	12/10/94	1/2/95		MNT	
CR 94-1121	C	EVALUATE, LIMIT SWITCH PROBLEM WITH CS-MOV-MO26B.	12/10/94	1/4/95	1/2/95	MNT	
CR 94-1124	O	SN 1-03458 - THE CNS GL 89-10 MOV PROGRAM DEVELOPED AND IMPLEMENTED A TRACKING AND TRENDING REPORT TO IDENTIFY VARIOUS MOV OPERABILITY PARAMETERS. EVALUATE THIS CR PER PROCEDURE 0.5.2.	1/14/95	1/5/95			ALMQUIST
CR 94-1128	C	BORON CRYSTAL BUILDUP. IT APPEARS THAT THE ATTACHMENT WELD ON THE UPSTREAM SIDE OF SLC-V-18 HAS A PIN HOLE OR CRACK IN IT. SEE ATTACHED DRAWING.	12/7/94	1/5/95	12/22/94	ENG	MILLER
CR 94-1137	C	SN 1-04988 - DG-D-1: TURBOCHARGER SPIN-DOWN TIME NOT MET. PROCEDURE 7.2.53.1, STEP 8.1.6.2 REQUIREMENT NOT MET: MINIMUM OF ONE MINUTE SPIN-DOWN TIME. SPIN-DOWN TIME WAS 45 SECONDS.	12/17/94	1/20/95	1/9/95	ENG	J. GAUSMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-1138	C	EVALUATE TO DETERMINE RESOLUTION TO SGT OPERATING PROCEDURE 2.2.73 CONCERN.	12/26/94	1/6/95	1/14/95	NED	DONE
CR 94-1151	D	USAR PAGE X-5-3 STATES THAT A LONG-TERM SUPPLY OF MAKEUP WATER TO COOL THE FUEL POOL FOLLOWING A SEISMIC EVENT IS TO RUN HOSES FROM THE SERVICE WATER DRAIN LINES ON THE RHR AND REC HEAT EXCHANGERS.	12/23/94			NED	MAGER
CR 94-1174	O	RESOLVE AND PROCEDURALIZE CODE APPLICABILITY QUESTION RELATING TO IN-SERVICE LEAK TEST.	12/23/94			ENG	
CR 94-1175	O	EVALUATE AND RESOLVE SAFETY CLASSIFICATION OF CRD HCU N2 INSTRUMENTATION.	12/23/94			ENG	
CR 94-1176	D	EVALUATE THE DISCREPANCIES NOTED DURING THE TORUS SURFACE AND STRUCTURAL INSPECTION.	12/23/94	1/13/95		ENG	
CR 94-1185	O	PIPE SUPPORTS MS-H143, MS-H143A, AND MS-H219 HAVE GAPS BETWEEN THE BEARING PLATES AND BASEPLATES SUCH THAT THEY ARE NOT CARRYING DEAD LOADS. AN MWR IS BEING WRITTEN TO CORRECT THIS DEFICIENCY.	1/9/95	1/31/95		NED	T. TAYLOR
CR 94-1187	C	RCIC MO-33 FAILED TO OPEN DURING 6.3.6.2 DUE TO RADIOLOGICAL BARRIER ROPE INTERFERENCE.	12/2/94	1/16/95	1/16/95	RAD	T. J. CHARD
CR 94-1197	C	DETERMINE CAUSE FOR VALVE DGSA-V-95 FOUND OUT OF POSITION AND NOT IN ACCORDANCE WITH CURRENT VALVE LINEUP.	12/26/94		12/28/94	OPS	
CR 94-1236	O	SN 1-04092 - (IST PROGRAM DEFICIENCIES) AS A RESULT OF A COMPREHENSIVE REVIEW OF THE IST PROGRAM, A NUMBER OF DISCREPANCIES HAVE BEEN IDENTIFIED. EXAMPLES INCLUDE COMPONENTS NOT TESTED PER CODE, PROCEDURE INADEQUACIES AND COMPONENTS NOT ADDED TO THE PROGRAM IN A TIMELY MANNER. REQUIREMENT NOT MET: INFORMATION PROVIDED TO THE NRC SHALL BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS.	1/3/95			ENG	GAUSMAN
CR 94-1237	O	EVALUATE THE LOSS OF CONFIGURATION CONTROL OF THE TSG MASTER PROCEDURE FILES.	12/23/94			SA	
CR 94-1244	O	SN 1-02565 - REC-P-B: INBOARD BEARING FAILED ON REC-P-B. EVALUATE THIS CR PER PROCEDURE 0.5.3.	1/7/95	1/20/95		ENG	HERRON GAUSMAN DORN DYKSTRA
CR 94-1251	O	SP 1-06172 - DURING S.P. 6.4.1.2 CONTROL 14-07 WOULD NOT MOVE. INVESTIGATION FOUND CONTROL ROD 14-07 101 VALVE CLOSED.	1/13/95				TANDERUP
CR 94-1268	O	EVALUATE THIS CR PER PROCEDURE 0.5.3. SN 1-06008 - SMOKE DETECTORS CO2-SD-(DG-2C) AND CO2-SD-(DG-2D) DID NOT ALARM IN THE CONTROL ROOM (C-4/F-5) WHEN DE-ENERGIZED FOR CLEARANCE ORDER 94-1885. REQUIREMENT NOT MET: LOSS OF POWER SHOULD CAUSE CO2 SYSTEM ABNORMAL ALARM.	1/6/95	1/26/95		MNT	HERRON GARDNER JANTZEN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 94-1275	C	RCIC-RV-10RV HAS A NON-SAFETY RELATED SPRING INSTALLED IN IT FROM MWR 94-4984 (CNSNO 04020, P.O. 224683). THIS SPRING WAS ISSUED FROM THE WAREHOUSE PRIOR TO WHEN THE CORRECTIVE ACTIONS WERE IMPLEMENTED PER CR 94-0712. DRESSER INDUSTRIES CONFIRMED THAT THE SPRING WAS SUPPLIED COMMERCIAL - NON-SAFETY RELATED WITH NO MATERIAL TRACEABILITY. REFERENCE INTER-DISTRICT MEMO QAD94041 FOR QA CONCURRENCE.	1/2/95		1/10/95	MNT	GARDNER
CR 94-1282	O	SUMP Z PUMPS (NON-ESSENTIAL) MAINTAIN THE SUMP LEVEL BELOW 880'-4" ELEVATION (MDC 82-5). UNDER DESIGN BASIS ACCIDENT CONDITIONS (HIGH HUMIDITY IN THE RX BLDG.) WITH LOOP, THE SUMP PUMPS AND HIGH-LEVEL ALARM WOULD LOSE POWER AND THE CONDENSATION FROM THE SGT EFFLUENT COOLING IN THE UNDERGROUND PIPING AND THE ERP TOWER WOULD FILL THE SUMP AND FILL THE 10" SGT DISCHARGE LINE (BOTTON OF SGT PIPE ~ 882'-7") THROUGH THE OPEN 2" DRAIN LINE. THEREFORE, SECONDARY CONTAINMENT CANNOT BE MAINTAINED.	1/6/95	1/13/95		NED	BOYCE
CR 94-1292	O	DURING MAINTENANCE ON VALVES PACKING CARTRIDGE, THE OPERATOR WAS NOT PUT BACK ON WITH THE VALVE IN THE SAME POSITION AS IT WAS TAKEN OFF.	1/12/95				CARSON
CR 95-0005	O	COMPONENTS THAT HAD WELD REPAIRS PERFORMED ON THEM UNDER NON-ESSENTIAL WORK ORDERS WERE CLASSIFIED AS ESSENTIAL. THIS UPGRADE WAS DUE TO THE IST/IST BOUNDARY EXPANSION PROJECT AND WELD REPAIRS WERE DISREGARDED DURING THE 3.13 (EQUIPMENT CLASSIFICATION PROGRAM) PROCESS.	1/3/95			ENG	JONES
CR 95-0006	D	PERFORM 10CFR50.59 SCREENINGS (AND EVALUATION, IF REQUIRED) FOR LICENSE CHANGE REQUESTS SUBMITTED TO RESOLVE DISCREPANCIES FROM SURVEILLANCE TESTING VALIDATION PROJECT.	1/10/95			OPS	DI RITO
CR 95-0019	C	SCRAM DISCHARGE VOLUME VENT & DRAINS ESTABLISH NEW IST BASELINE	1/4/95		1/13/95	ENG	
CR 95-0020	O	SDV DRAIN VALVE REPAIR/LEVEL	1/4/95			ENG	
CR 95-0027	C	DISPOSITION - HPCI-HOV-HOV10, HPCI TURBINE STOP VALVE, CIRCUMFERENTIAL CRACK ON PILOT DISC STEM.	1/5/95	2/3/95	1/10/95	ENG	FREBORG
CR 95-0045	O	EVALUATE CR - TRACK REFURBISHMENT OF A USED ACTUATOR TO BE USED FOR PLANT REPLACEMENT.	1/10/95	2/24/95		NED	BOYCE
CR 95-0046	O	EVALUATE CR - NEED RESOLUTION TO CALL SLC OPERABLE.	1/10/95	2/9/95		ENG	GAUSMAN
CR 95-0047	O	EVALUATE CR - SATISFY APPENDIX R REQUIREMENT	1/10/95	1/23/95		ENG	GAUSMAN
CR 95-0061	O	EVALUATE THIS CR	1/12/95				GAUSMAN
CR 95-0063	O	EVALUATE THE CR	1/12/95				MURPHY

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
CR 95-0066	O	EVALUATE THE CR	1/12/95				GAUSMAN
CR 95-0078-1	O	SN 1-02664 - RMA-RM-40A, RMA-4M-40B: PROCEDURE 6.4.9.2.1, CONTAINMENT HIGH RANGE AREA MONITOR CALCULATION AND FUNCTION HAS THE INCORRECT TEST INPUTS LISTED IN TABLE 1 OF ATTACHMENT 1 AND 2 AND STEPS 8.1.29.20, 8.1.29.21, 8.2.29.20 AND 8.2.29.21. TEST INPUTS WERE NOT CORRECTED TO THE A/R/H OF EACH SPECIFIC DETECTOR. IT HAS BEEN THIS WAY SINCE THE MONITORS WERE INSTALLED.	1/13/95	1/29/95			GAUSMAN
CR 95-0080 1	O	SN 1-02313 - THTE 1300 SERIES OF PRIMARY CONTAINMENT VALVES WILL AUTOMATICALLY RE-OPEN UPON RESETTING A GROUP II ISOLATION IF THE MAINTAINED CONTACT CONTROL SWITCH IS IN THE OPEN POSITION. THIS CONDITION EXISTS FOR THE TIP BALL VALVES." EVALUATE CR PER PROCEDURE 0.5.3 AND INTERFACE WITH LICENSING REGARDING REPORTABILITY DETERMINATION.	1/13/95				GAUSMAN
CR 95-0088	O	PROCEDURE 6.2.6.14 (RCIC CONTROL SYSTEM CALIBRATION TEST) COULD NOT BE PERFORMED AS WRITTEN DUE TO D1 94-267 (RCIC-MO-14 MOD). THIS SURVEILLANCE PROCEDURE WAS NOT IDENTIFIED AS REQUIRING A TPCN DURING OPERATIONS DEPARTMENT REVIEW.	1/16/95				S. MCCLURE
DC 94-075B	O	BASED ON THE RESULTS OF STP 94-075, INSTALL 13 NEW APPENDIX 4 (8-HOUR) EMERGENCY LIGHTING UNITS.	1/11/95				A. WIESE
DR 93-579	C	VERIFY UPON DISASSEMBLY OF THE VACUUM BREAKER VALVES DURING THE 1995 REFUELING OUTAGE THAT THE INSTALLED SWING ARMS ARE FABRICATED OF THE MATERIAL SPECIFIED IN OE 93-073-050.		3/31/95	1/16/95	NED	DMNEC MCCLURE DONE MCCLURE T
DR 93-658	D	COMPLETE ESC 90-273 TO REPLACE RMP-RM-150A/B.	12/10/94	10/31/94		ENG	HERRON GAUSMAN FREBORG
DR 94-004	C	PERFORM EVALUATION TO ASSESS CONCERNS, ASSIGN ROOT CAUSE TRENDING CODE(S) AND DETERMINE NEED FOR ACTIONS TO PREVENT RECURRENCE. (ACT 931398)		11/30/94	11/17/94	ENG	HERRON GAUSMAN LYMAN
DR 94-035	C	STRATIFICATION	12/23/94		1/5/95	OPS	DI RITO
DR 94-045	D	VISUALLY INSPECT THE FOLLOWING SEVEN VALVES TO ADDRESS GENERIC CONCERNS: REC-MOV-721MV, REC-MOV-722MV, SW-MOV-117MV, SW-MOV-650MV, SW-MOV-651MV, SW-MOV-36MV, REC-MOV-712MV. (NOTE: SW-MOV-117MV NOW SW-MOV-37MV.)	12/15/94				M. E. UNRUH
DR 94-054	C	ASSIGN ROOT CAUSE TRENDING CODE(S), EVALUATE CONDITION, AND DETERMINE ANY NECESSARY CORRECTIVE ACTIONS. (ACT 940099)		11/30/94	11/17/94	ENG	HERRON GAUSMAN LYMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
DR 94-124	D	EVALUATE THE DEFICIENCY AND ASSIGN TRENDING CODE, ASSESS THE NEED FOR ACTIONS TO PREVENT RECURRENCE, AND COMPLETE PROCEDURE 0.5.1 ATTACHMENT 8. (ACT 940195)		11/21/94		ENG	HERRON GAUSMAN FOUST LYMAN
DR 94-197	C	EVALUATE THE DEFICIENCY AND ASSIGN TRENDING CODE, ASSESS THE NEED FOR ACTIONS TO PREVENT RECURRENCE, ASSESS GENERIC CONCERNS AND UNDESIRABLE TRENDS, AND COMPLETE PROCEDURE 0.5.1 ATTACHMENT 8. (ACT 940313)		11/30/94	12/27/94	ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS
DR 94-198	D	EVALUATE THE DEFICIENCY AND ASSIGN TRENDING CODE AND COMPLETE PROCEDURE 0.5.1 ATTACHMENT 8. (ACT 941174)	12/17/94	11/30/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN PFAFF
DR 94-229	C	REVISE 6.4.5.16.2 TO INCLUDE HVAC DUCT WRAP (BECAME 6.4.5.16.3)	1/2/95		12/20/94		LECHNER
DR 94-239	D	EMERGENCY LIGHTING CORRECTIVE ACTIONS.	12/23/94			NED/FP	
DR 94-240	C	EVALUATE THE DEFICIENCY AND ASSIGN TRENDING CODE, ASSESS THE NEED FOR ACTIONS TO PREVENT RECURRENCE, ASSESS GENERIC CONCERNS AND UNDESIRABLE TRENDS, AND COMPLETE PROCEDURE 0.5.1 ATTACHMENT 8. (ACT 941175)		11/30/94	11/14/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN WOLFF
DR 94-291	D	EVALUATE DEFICIENCY - NOT VERIFYING T/S SURVEILLANCE	1/12/95	1/20/95		OPS	DI RITO
ENG-16 #1	O	BASED ON THE RESULTS OF THE OCTOBER 1994 SURVEY, THE FREQUENCY AND SCOPE OF THE PERIODIC INTAKE SURVEY WILL BE REVIEWED AND CHANGES MADE AS APPROPRIATE.				ENG	GAUSMAN
ENG-16 #2	O	BASED UPON THE RESULTS OF THE SURVEY SCHEDULED FOR THE WEEK OF OCTOBER 10, 1994, AN EVALUATION WILL BE CONDUCTED TO CONFIRM THE ABILITY OF THE STATION TO BE SAFELY SHUTDOWN AT RIVER ELEVATIONS AS LOW AS 865 FEET.				ENG	GAUSMAN
ENG-16 #3	O	CURRENTLY, THE SURVEY IS SCHEDULED TO BE PERFORMED DURING THE WEEK OF OCTOBER 10, 1994. THIS SURVEY IS TO INCLUDE COMPLETE TRANSECT OF THE RIVER CHANNEL TO VERIFY BED DEPTH AND SILT DEPOSITION IN THE RIVER ITSELF. BASED ON THE RESULTS OF THE SURVEY, APPROPRIATE ACTIONS WILL BE IMPLEMENTED TO RESOLVE ANY CONCERNS IDENTIFIED.				ENG	GAUSMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 92-043	O	SRV SOLENOID VALVE DESIGN CHANGE - THE CURRENT MODEL SOLENOID VALVES FOR THE SAFETY RELIEF VALVES IS NO LONGER AVAILABLE AND NEW PARTS ARE REQUIRED FOR VALVE REBUILD. THE MANUFACTURER IS NO LONGER PRODUCING VALVES OR REBUILD KITS. (SURVEILLANCE PROCEDURE 7.2.22.1, MAIN STEAM SAFETY RELIEF VALVE REMOVAL AND INSTALLATION HAS BEEN MRC APPROVED FOR IMPLEMENTATION PRIOR TO STARTUP.) THIS EWR MEETS ITEM #1 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/25/94	1/1/95		NED	E. K. BROWN
EWR 93-107	C	SRV SATELLITE/PLATINUM PILOT DISCS - THE SRVs AT CNS HAVE BEEN EXPERIENCING THE INDUSTRY-WIDE PROBLEM OF SET POINT DRIFT. THE PHENOMENA CAUSING THE DRIFT IS KNOWN AS CORROSION BONDING OF THE PILOT DISC TO THE PILOT SEAT. THIS REQUEST IS FOR THE GENERATION OF AN STP TO EVALUATE THE PERFORMANCE OF NEW PILOT DISC ASSEMBLIES WHICH CNS HAS COMMITTED TO INSTALL. SINCE THE NEW MATERIAL DOES NOT HAVE A SIGNIFICANT AMOUNT OF IN-SERVICE EXPERIENCE, THE BWROG RECOMMENDS ONE HALF OF THE SRV PILOT DISCS BE CHANGED OUT IN ORDER TO DETERMINE IF THIS MODIFICATION WILL MITIGATE THE PROBLEM. THIS EWR MEETS ITEM #6 OF THE NPG PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/22/94	1/1/95	1/10/95	NED	A. GRAY
EWR [illegible]0	O	SDV PRV MOD	1/16/95				S. WHEELER
EW[illegible]1	O	RR 531/B MOTOR UPGRADE	1/7/95			NED	
EW[illegible]	O	CONTROL ROOM FAN UPGRADE	11/15/94	12/14/94		NED	DONE ZACH
EWR 94-029	O	MSV-M077 RELOCATION	11/15/94	12/20/94		NED	SIEDLIK
EWR 94-046	C	C. S. VIBRATION	11/15/94	12/8/94	1/10/95	NED	SIEDLIK AUGSPURGER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 94-075	O	REVISED SPECIFICATION EMERGENCY LIGHTING COMPONENTS - THIS REQUEST IS TO GENERATE AN ESC TO REVISE EMERGENCY LIGHTING CHARGING CARD AND LAMP SPECIFICATIONS. ROOT CAUSE DETERMINATION INDICATED THAT FAILURES WERE DUE TO INADEQUATE DESIGN. RESEARCH DATA SHOWS THAT, 1) "H" MODEL LAMPS BEING USED ARE NOT APPROPRIATE FOR CNS APPLICATION, 2) CONTROL BOARDS FOR TRICKLE CHARGING UNITS ARE NOT APPROPRIATE FOR CNS APPLICATION. ON JUNE 21, 1994, BASED ON THE SUBCOMMITTEE'S RECOMMENDATION, THIS PERSONNEL SAFETY CONCERN AND A KNOWN INDUSTRY ISSUE (IEN 90-69) WAS ADDED EWR 94-075 TO THE 1995 SCOPE LIST BY THE WPMC. THIS EWR MEETS ITEM #6 OF THE NPG PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/25/94	1/17/95		NED	J. LECHNER
EWR 94-102	O	ENGINEERING STUDY TO RESOLVE THE ISSUE OF HUMIDITY CONTROL IN THE NON-RUNNING UNDER CERTAIN SYSTEM FAILURE MODES. EXISTING OPERABILITY EVALUATION IS BEING REVIEWED TO ENSURE IT IS STILL VALID. MAY REQUIRE DESIGN CHANGE TO LIMIT FLOW THROUGH THE NON-RUNNING TRAIN.	12/12/94			NED	J. GAUSMAN
EWR 94-223	O	HPCI-PS-68 A, B, C, AND D REPLACEMENT. THIS SCOPE OF WORK REPLACED EXISTING HPCI PRESSURE SWITCHES WITH NEW NARROWER RANGE SWITCHES. THIS JOB HAS BEEN COMPLETED AND A TECHNICAL SPECIFICATION CHANGE APPROVAL IS REQUIRED. THIS EWR MEETS ITEM #1 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94	12/18/94		NED	KING
EWR 94-228	C	EXISTING BUNA-N SSPV DIAPHRAGMS ARE SUBJECT TO PREMATURE FAILURE PER RICSIL NO. 069. THIS EWR REQUESTS AN ESC TO REPLACE SSPVs AS BUNA-N REPLACEMENT PARTS ARE NO LONGER AVAILABLE AND EXISTING SSPVs MAY FAIL PRIOR TO EOC 16. ENGINEER RECOMMENDS 100% REPLACEMENT. DURING WPMC SUBCOMMITTEE DISCUSSION, THIS ITEM WAS IDENTIFIED AS HAVING SAFETY AND REGULATORY SIGNIFICANCE. THIS EWR MEETS ITEM #1 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94	1/10/95	1/10/95	ENG	S. WHEELER
EWR 94-250	O	RHR HEAT EXCHANGER A FLANGE LEAK	11/15/94	1/7/95		NED	SIEDLIK LANGAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 94-253	C	THIS REQUEST IS FOR THE GENERATION OF AN STP TO DETERMINE THE HEAT REMOVAL CAPABILITIES OF THE RWCU SYSTEM UNDER CURRENT PLANT CONDITIONS. THE SEPTEMBER 30, 1994, SUBCOMMITTEE MEETING MINUTES INDICATED THAT THIS EWR WOULD BE CLOSED SINCE CALCULATIONS HAD BEEN PERFORMED FOR RWCU DHR CAPABILITIES. SUBSEQUENTLY, IT WAS DECIDED THAT CNS WOULD WRITE SP 94-253, RWCU SPECIAL PROCEDURE; THEREFORE, EWR 94-253 WILL NOT BE CLOSED. SP 94-253 IS BEING GENERATED. THIS EWR MEETS ITEM #1 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94		12/1/94	ENG	R. KOCH
EWR 94-262	C	CONTROL ROOM DAMPER ADDITION (CR 94-0464)	11/15/94	12/26/94	1/3/95	NED	DONE JOHNSON
EWR 94-265	C	REC ISOLATION UPGRADE. THE CURRENT CONFIGURATION OF THE REC INFLUENT AND EFFLUENT LINES DO NOT ADDRESS THE CONCERNS PRESENTED IN NRC IN 89-055, "DEGRADATION OF CONTAINMENT ISOLATION CAPABILITY BY HIGH-ENERGY LINE BREAK." THIS EWR REQUESTS A DC TO REPLACE REC-MOV-709MV WITH TWO AOVs AND ADD A CV UPSTREAM OF REC-MOV-702MV. IN ADDITION, ADD LLRT CONNECTIONS AS NEEDED. THIS EWR IS UNDER REVIEW FOR DEFERRAL UNTIL THE 1995 REFUELING OUTAGE AND THIS ITEM MAY BE REMOVED FROM THE 94-03 OUTAGE LIST.	11/15/94		1/5/95	NED	MCCLURE
EWR 94-267	C	RCIC MO14 AC TO DC DESIGN CHANGE (CR 94-0662)	11/15/94	12/23/94	12/23/94	NED	FISCHER REXROAD
EWR 94-268	C	RHR DRAIN VALVE VIBRATION	11/15/94	12/1/94	12/5/94	NED	SIEDLIK WHEELER
EWR 94-272	C	ELAPSE TIME METERS	11/15/94	12/20/94	12/12/94	NED	BOESCH SUKUP
EWR 94-278	C	STANDBY GAS TREATMENT FIRE PROTECTION EVALUATION. PRESENT USE OF FLAME DETECTOR FOR FIRE DETECTION IN SGT MAY NOT BE ADEQUATE ENGINEER'S EVALUATION STATES, "EVALUATION OF DESIGN BASIS FOR THE FLAME DETECTOR AND THE FIRE PROTECTION SYSTEM FOR SGT IS REQUIRED TO ENSURE SYSTEM IS INSTALLED CORRECTLY AND PROCEDURES ARE IN PLACE TO OPERATE IT EFFECTIVELY." THIS EWR IS TO PERFORM AN ENGINEERING STUDY AND POSSIBLY EVALUATE FOR REMOVAL OF FIRE PROTECTION SYSTEM OR JUSTIFY CLOSING VALVE. THIS EWR MEETS ITEM #5 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	1/15/94	12/11/94	1/5/95	NED	DORN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 94-285	O	ESSENTIAL 125VDC HFA RELAYS (IEB 84-02, NLS8400018). ESSENTIAL 125VDC GE HFA RELAYS EE-REL-(27X-1FA), EE-REL-(27X-1BG), EE-REL-(27X-ET1) AND SPARE WERE NOT REPLACED BY ESC88-004 (HFA RELAY UPGRADE). PER NLS8400018, CNS COMMITTED TO REPLACE THTESE RELAYS. FURTHERMORE, GE SIL 44 HAS RECOMMENDED REPLACEMENT OF NYLON OR LEXAN COIL BOBBINS WITH UPGRADED TEFZEL BOBBINS WHICH ARE LESS SUSCEPTIBLE TO PREMATURE FAILURE. UPGRADING THESE RELAYS SHOULD BE PERFORMED IN A SIMILAR FASHION AS ESC88-004. THIS EWR SUGGESTS AN ESC BE WRITTEN BY CNS TO REPLACE THESE RELAYS WITH UPGRADE CENTURY SERIES RELAYS OR EQUAL. THIS EWR MEETS ITEM #2 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94	12/16/94		ENG	ASCHERT
EWR 94-288	O	SLC HEAT TRACING UPGRADE	11/15/94	12/30/94		NED	FISCHER GAY
EWR 94-302	C	DG CARDOX MODIFICATION	11/15/94	12/26/94	1/2/95	NED	FISCHER MCMANAMAN
EWR 94-326	D	CONTROL ROOM HV DAMPER INTERLOCK UPGRADE (CR 94-0735)				NED	BOESCH BUSSARD
EWR 94-330	C	CORE SPRAY TEST CONNECTION	11/15/94	12/15/94	12/12/94	NED	DONE MCCLURE
EWR 94-332	C	RHR MIN. FLOW VALVE	11/15/94	12/24/94	1/2/95	NED	HILLSTROM
EWR 94-334	C	RHR-DPIS-125A/B	11/15/94		12/12/94	NED	BOESCH
EWR 94-335	O	CR3 94-0707 REWIRE NUTHERN STARTER	11/17/94	1/29/95		NED	FISCHER BUMAN
EWR 94-364	C	GENERATE TDC TEMPORARY DESIGN CHANGE TO INSTALL DISC STUD FOR REPAIR OF HPCI-CV-15CV.	12/12/94		1/9/95	NED	D. L. GROSS
EWR 94-373	C	INTAKE STRUCTURE GUIDE WALL MODIFICATION. THE USAR STATES: "THE PLANT IS DESIGNED FOR A SAFE SHUTDOWN UNDER THE MOST CRITICAL LOW WATER ELEVATION OF 865'." THIS REQUEST IS TO GENERATE A DESIGN CHANGE TO CUT A HOLE IN THE UPSTREAM END OF THE GUIDE WALL SUCH THAT RIVER FLOW TO THE INTAKE IS ASSURED TO A RIVER LEVEL OF 865'. THIS DESIGN CHANGE IS NEEDED FOR CNS TO CONFORM TO SECTION II-4.2.3 OF THE USAR. EWR 94-373 MEETS ITEM #6 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94	12/10/94	12/5/94	NED	G. SEEMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 94-377	C	ISOLATION OF NON-ESSENTIAL FROM ESSENTIAL LOADS (IEEE 279, CR 94-0949, AND CR 94-0950). CURRENTLY, NON-ESSENTIAL DEVICES SHARE A COMMON POWER SUPPLY WITH PC-TR-24 AND SGT-REL-FSAX/FSBX AND ARE NOT SEPARATELY FUSED. THEREFORE, FAILURE OF THESE DEVICES COULD INOP THE ESSENTIAL PC-TR-24 AND SGT-REL-FSAX/FSBX. SUGGESTED ACTION IS TO GENERATE A DC TO INSTALL FUSES IN THE CONTROL PANEL. THE ENGINEER'S EVALUATION INDICATES THIS IS A RELATIVELY MINOR MODIFICATION WHICH IS NEEDED TO DECLARE SGT SYSTEM OPERABLE. THIS EWR MEETS ITEMS #1 AND #6 OF THE NUCLEAR P OWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/15/94		1/2/95	NED	D. BUMAN
EWR 94-378	D	SGT TWO FAN FLOW (CR 94-0991). A TEST NEEDS TO BE CONDUCTED TO DETERMINE SGT TRAIN FLOW DURING TWO FAN OPERATION AND TO DETERMINE IF THE FLOW WILL REACH THE 100 cfm SETPOINT FOR SGT-FS-540A(B). IF SETPOINT IS NOT ATTAINED, SGT HEATERS WILL NOT OPERATE. SUGGESTED ACTION IS TO PERFORM AN STP THAT WILL DETERMINE THE TWO FAN OPERATION SYSTEM FLOW RATE AT WHICH THE FLOW SWITCH ACTIVATES. INFORMATION IS REQUIRED TO DETERMINE SGT OPERABILITY AND SAFETY SIGNIFICANCE OF CR 94-0991. ENGINEER STATES THAT THE ONLY ALTERNATIVE IS A DESIGN MODIFICATION AND LICENSING CHANGE TO ELIMINATE THE AUTO-START OF BOTH SGT TRAINS. STP IS MORE DESIRABLE AT THIS POINT. THIS EWR MEETS ITEM #1 OF THE NUCLEAR POWER GROUP PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	1/17/95			NED	D. RAABE
EWR 94-381	C	UPGRADE OF MS-REL-52XCP FOR EQ - EXISTING RELAY, WHICH IS PART OF THE CONTROL CIRCUIT FOR RHR-MO-920MV, IS UNQUALIFIABLE. RHR-MO-920MV MUST CLOSE TO MITIGATE A POSTULATED AOG LINE BREAK. MS-REL-52SCP IS FED ELECTRICALLY FROM THE SAME FUSE THAT FEEDS NBI-LI-91A & 92, WHICH ARE RG 1.97 CAT I INSTRUMENTS. THIS REQUEST IS TO REPLACE THE UNQUALIFIED RELAY WITH A QUALIFIED ONE PER THE CNS EQ PROGRAM COMMITMENTS. THIS EWR MEETS ITEMS #2 AND #6 OF THE NPG PHASE 1 PLAN, RESTART ISSUE SCREENING EVALUATION CRITERIA.	11/25/94	1/10/95	12/22/94	NED	R. MINADEO
EWR 94-382	O	HPCI-AOV-A070/A071 PILOT SOLENOID AND AIR OPERATOR UPGRADE - THIS REQUEST IS TO DEDICATE OR REPLACE AIR OPERATORS FOR HPCI-AOV-1070/71 TO MEET ESSENTIAL QUALIFICATIONS AND TO REPLACE ASSOCIATED SOLENOID VALVES HPCI-SOV-SPV565/566 TO MEET EQ QUALIFICATIONS AND AIR SUPPLY DESIGN PRESSURE REQUIREMENTS (125 PSIG). THE AIR OPERATORS AND SOLENOID VALVES ARE PRIMARY CONTAINMENT ISOLATION COMPONENTS. THIS EWR MEETS ITEMS #2, #5 AND #6 OF THE NPG PHASE 1 PLAN, RESTART ISSUE SCRENING EVALUATION CRITERIA.	11/25/94			NED	J. DEWYKE

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
EWR 94-401	O	REC 712/713 MOTOR UPGRADE	1/7/95			NED	
EWR 95-003	O	STP TO TEST SW-37	1/7/95			ENG	
EWR 95-033	O	"Z" SUMP MODIFICATION	1/7/95			NED	
GL 94-02	D	OBTAIN SORC APPROVAL OF REVISION TO PROCEDURE 2.4.2.2.1. (ACT 940951)	12/23/94	11/25/94		ENG	HERRON GAUSMAN THOMPSON DEDIC CHALE
GL 94-02	D	OBTAIN SORC APPROVAL OF REVISIONS TO PROCEDURES 2.1.10, 2.1.1, 2.1.4, 2.2.68/2.2.68.1, 2.4.1.6, AND 2.4.2.2.2. (ACT 940951)	12/23/94	11/25/94		ENG	HERRON GAUSMAN THOMPSON DEDIC CHALE
GL 94-03-2	C	OBTAIN SORC APPROVAL OF REVISION TO PROCEDURE 2.4.1.7.	12/19/94	11/15/94	12/30/94	OPS	DI RITO
GOI EDS PRE-STARTUP REVIEW	O	SUBMIT TPCN OR PCN TO PROCEDURE 2.1.11 PRIOR TO STARTUP. (ACT 941381)		11/15/94		ENG	HERRON GAUSMAN FREBORG JORGENSEN MOBERLY
GOI EIIT REPORT	O	DETERMINE REQUIRED TEMPERATURE FOR "PASS" CONTAINMENT AIR SAMPLE PIPING DURING POST-ACCIDENT CONDITION MONITORING AND RESOLVE ANY ASSOCIATED ISSUES TO ENSURE THE INSTALLED PIPING COMPLIES WITH THOSE REQUIREMENTS.	1/12/95				BOYCE GAUSMAN
IB 88-04	O	POTENTIAL SAFETY-RELATED PUMP LOSS. ADDRESS CAPOG CONCERNS AS DOCUMENTED IN MEACHAM MEMO DATED 2/7/94.	12/2/94	12/31/94		NED	DMNEC RAABE
IN 83-002	C	AR-MO-163MV, GLAND EXHAUSTER A DISCHARGE, NEEDS TO BE OBSERVED LOCALLY DURING STROKING TO VERIFY THAT IT IS FUNCTIONAL.		10/31/94	11/9/94	OPS	HERRON OPS MGR
IN 92-040	C	READDRESS THE CONCERNS OF THIS "IN" PRIOR TO STARTUP. (ACT 940978)		8/4/94	12/20/94	ENG	HERRON GAUSMAN FREBORG JORGENSEN MOBERLY NGUY
IN 94-066	O	PRIOR TO STARTUP, DETERMINE AND IMPLEMENT ANY IMMEDIATE CORRECTIVE ACTIONS REQUIRED. (ACT 941266)	12/26/94	1/28/95		ENG	HERRON GAUSMAN FREBORG DAGEFORDE GROSS
IN 94-067	C	ADDRESS SAFETY SIGNIFICANCE PRIOR TO STARTUP.		11/15/94	12/1/94	ENG	HERRON GAUSMAN

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
IN 94-069	O	PRIOR TO STARTUP, ASSESS POTENTIAL SAFETY IMPACT.		11/15/94		NED	DMNEC MURPHY
IN 94-071	C	PRIOR TO STARTUP, ADDRESS POTENTIAL SAFETY IMPACT. (ACT 941363)		11/15/94	11/23/94	ENG	HERRON GAUSMAN BALLINGER THOMPSON WHEELER
INPO 1992 EVALUATION	O	SOER 86-2, REC 1: COMPLETE ANY NECESSARY MODIFICATIONS FOR THE B-O-P PLANT MOV'S DURING 1994 OUTAGE.		2/1/95			
INPO 1993 EVALUATION	O	SOER 86-2, REC. 1: COMPLETE MODIFICATIONS FOR THE NINE BOP MOV'S.		2/1/95		NED	DMNEC MCCLURE FISCHER THOMPSON
IR 93-08	O	REPAIR OR REPLACE BOTH CORE SPRAY SYSTEM MINIMUM FLOW VALVES DURING THE OCTOBER 1994 MINI-OUTAGE.	12/10/94			MNT	GARDNER
IR 93-17	O	VIOLATION I.A.4: THE DISTRICT PLANS TO RECOAT THE ECST'S DURING THE NEXT SCHEDULED REFUELING OUTAGE. (ACT 940012)		3/31/95		ENG	HERRON GAUSMAN BALLINGER STONER
IR 94-16-1	C	PROPOSED VIOLATION 1: PROCEDURE FOR CALIBRATION OF UNDERVOLTAGE TRIP DEVICES INADEQUATE. PROVIDE INFORMATION FOR VIOLATION RESPONSE TO LICESNING. PROPOSED VIOLATION 2: FAILURE TO PERFORM ADEQUATE POST MAINTENANCE TESTING ON THE BREAKER AFTER INSTALLATION. PROVIDE INFORMATION FOR VIOLATION RESPONSE TO LICENSING.	12/10/94	9/19/94	12/7/94	MNT	GARDNER
IR 94-16-2	C	FAILURE TO PERFORM ADEQUATE PMT ON THE BREAKER AFTER INSTALLATION.	12/10/94	9/19/94	12/7/94	MNT	YOUNG
IR 94-18	C	VIOLATION: INSTRUMENT VALVES INSTALLED BACKWARDS. PROVIDE INPUT TO LICENSING FOR RESPONDING TO NOV. PRIMARILY NEED I & C DETERMINATION OF REASON FOR NOV, ACTION TO PREVENT RECURRENCE, AND DATE WHEN FULL COMPLIANCE WILL BE ACHIEVED.	12/10/94	10/5/94	1/4/95	MNT	GARDNER
IR 94-21	O	CONCERN, PAGE 17: ADDRESS DRYWELL HOUSEKEEPING AND ALARA CONCERNS PRIOR TO STARTUP.		1/29/95		MGT	HERRON SAYER
IR 94-27	O	VIOLATION 94-27-01: REPLACE ONE AGASTAT E7000 PRIOR TO STARTUP.	1/2/95	1/27/95		ENG	JORGENSEN
LER 93-004	D	REVISE PROCEDURES TO CLEARLY DEFINE TEMPORARY SEAL REQUIREMENTS.	11/25/94	11/11/94		FP	MACE HITCH LECHNER
LER 94-017	C	SUBMIT LER SUPPLEMENT TO NRC.		12/1/94	11/21/94	MGT	HERRON

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
LER 94-018	C	DEVELOP, APPROVE AND SUBMIT TO NRC REV 1 TO LER 94-018	11/28/94	12/12/94	12/23/94	LIC	GODLEY
LER 94-021	D	1) COMPLETE REVIEW OF COMPONENTS LISTED IN CR S/N 0-08582. (THIS IS AN EDF LISTING OF ALL ESSENTIAL COMPONENTS LOCATED IN THE TURBINE BUILDING. 2) PERFORM A REVIEW FOR ESSENTIAL COMPONENTS LOCATED IN OTHER NON-SEISMIC BUILDINGS AND DETERMINE IF LOCATION IS ACCEPTABLE.	11/25/94			NED	G. TILLOTSON
LER 94-021	O	RETURN HPCDES (CARDOX SYSTEM) TO OPERABILITY	1/13/95	2/28/95			VAN DER KAMP
LER 94-022	C	A CHANGE TO SURVEILLANCE PROCEDURE (SP 6.3.5.1) TO SATISFY TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENT 4.5.A.3.D FOR PUMP FLOW WILL BE COMPLETED AND PERFORMED PRIOR TO STARTUP FROM THE PRESENT OUTAGE.	11/15/94	12/16/94	12/28/94		
LER 94-023	C	PERFORM TRAINING (TAILGATE) SESSIONS WITH LICENSED OPERATIONS PERSONNEL TO CONVEY MANAGEMENT EXPECTATIONS AND TRAIN ON THE CLARIFICATION OF THE APPLICATION OF TECH SPEC 4.5.F.1 REQUIREMENTS FOR DEMONSTRATION OF DG OPERABILITY.	12/19/94		1/9/95	OPS	DI RITO
LER 94-025	O	PROPERLY CALIBRATE DETECTORS.	12/10/94	1/27/95		MNT-I	
LER 94-025	O	REVISE INSTALLATION/CALIBRATION PROCEDURES.	12/10/94	1/27/95		MNT-I	
LER 94-025	O	PROPERLY INSTALL DETECTORS. PROPERLY CALIBRATE DETECTORS. REVISE INSTALLATION/CALIBRATION PROCEDURES.	12/10/94	1/27/95		MNT	GARDNER
LER 94-026	O	UPDATE SURVEILLANCE REQUIREMENTS OF SLC SYSTEM.	12/23/94			NED	
M&O-10 #3	O	ACTIONS ARE BEING TAKEN FOR IMPLEMENTATION AND IMPROVEMENT OF SHIFT TURNOVER PROCEDURES AND CHECKLIST 3 USED BY CONTROL ROOM OPERATORS AND SHIFT SUPERVISORS.				OPS	MACE
M&O-10 #6	O	THIS GUIDANCE (CNS PROCEDURES REGARDING 10CFR50.72 NOTIFICATIONS) WILL BE CLARIFIED WITH OPERATIONS DEPARTMENT PERSONNEL TO ENSURE OPEN, FRANK AND ACCURATE COMMUNICATIONS ARE PROVIDED DURING THESE EVENTS.				OPS	MACE
NCR 93-008	D	REVISE PROCEDURES 3.6.1, 3.6.2, AND THE 7.3.21 SERIES PROCEDURES TO STREAMLINE THE OVERALL PROCESS AND ELIMINATE INCONSISTENCIES IN THE FIRE BARRIER CONTROL PROGRAM. PER RESPONSE TO CR 94-0254 THESE REVISIONS NEED TO ADDRESS THE FACT THAT THE CURRENT FIRE BARRIER SEALING CONTROL PROCEDURES ALLOW THE CHANGING OF SEALING METHODS AS LONG AS THE FIRE BARRIER RATING IS MAINTAINED.	11/25/94	11/11/94		FP	MACE HITCH LECHNER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NCR 93-023	O	DETERMINE IF 1993 115 VALVE FAILURES SHOULD BE REPLACED	12/10/94			ENG	J. GAUSMAN
NCR 93-067	O	PERFORM ROOT CAUSE ANALYSIS, IDENTIFY ROOT CAUSE TRENDING CODE(S), AND RECOMMEND AND INITIATE CORRECTIVE ACTIONS TO PREVENT RECURRENCE WITH RESPECT TO FAILED SOLENOID AND WELD INDICATIONS. (ACT 930509)	1/2/95	1/28/95		ENG	GAUSMAN
NCR 93-077	D	COMPLETION OF EWR 93-228, SERVICE WATER SAMPLE LINES FLUSHING CONNECTIONS.	12/26/94	3/31/95		NED	DMNEC MCCLURE DONE MCCLURE T
NCR 93-132	O	ROOT CAUSE ANALYSIS FOR VIBRATION ON "C" REC PUMP.	12/10/94	12/31/94		MNT	
NCR 93-168	O	THE EDF MUST BE REVIEWED TO ENSURE THAT ONLY THOSE VALVES THAT HAVE ACTUALLY BEEN RECLASSIFIED TO ESSENTIAL ARE CLASS "E". THOSE VALVES THAT WERE RETURNED TO PED AND VALVES SW-V-283, 284, 381, AND 382 SHOULD STILL BE LISTED AS NONESSENTIAL.	11/25/94	1/28/95		NED	DMNEC WALDEN SWANTZ RADLOFF
NCR 93-180	C	NBI-PS-52B, REACTOR PRESSURE AND CORE SPRAY VALVE OPENING PERMISSIVE: THIS SWITCH DID NOT ACTUATE UNTIL APPROXIMATELY 250 PSIG. SHOULD HAVE ACTUATED AT APPROXIMATELY 450 PSIG	11/29/94		10/27/94	MNT	GARDNER
NCR 93-196	O	ADDRESS PRT RECOMMENDATION 1: CATEGORY 1 AND 2 MOTOR OPERATORS NOT PREVIOUSLY INSPECTED OR CONFIRMED TO BE STAKED THROUGH DOCUMENTATION REVIEW SHOULD BE INSPECTED DURING THE NEXT UNSCHEDULED OUTAGE OF SUFFICIENT DURATION.		12/31/94		MNT	HERRON GARDNER UNRUH
NCR 93-203	C	EVALUATE CONCERNS ABOUT THE SBGT SYSTEM CROSS-TIED LINEUP.	12/23/94		1/15/95	NED	
NCR 93-217	C	COMPLETION OF EWR 93-175, HPCI-LS-679 DRAIN PIPING CONFIGURATION.		3/1/95	11/23/94	NED	DMNEC MCCLURE SIEDLIK
NCR 93-233-1	C	EVALUATE THE IDENTIFIED DEFICIENCIES FOR THEIR APPLICABILITY TO APPENDIX J TESTING REQUIREMENTS AND PROVIDE A RECOMMENDATION TO THE PLANT MANAGER REGARDING WHETHER OR NOT THE LACK OF TESTING CONSTITUTES A VIOLATION OF TECHNICAL SPECIFICATIONS.		6/30/94	12/23/94	NED	DMNEC WALDEN
NCR 93-233-2	C	PERFORM ROOT CAUSE ANALYSIS, IDENTIFY ROOT CAUSE TRENDING CODE(S), RECOMMEND AND INITIATE CORRECTIVE ACTIONS TO PREVENT RECURRENCE.		6/30/94	12/22/94	NED	DMNEC WALDEN MANGAN
NCR 93-235-11	D	ASSESS CONCERNS WITH NON-ESSENTIAL RELAYS, REVIEW PROCEDURES FOR ADEQUACY	1/17/95	6/30/95		MNT	KRAUSE DUBON
NCR 93-235-13A	D	REVISE PROCEDURE 7.3.1 TO CORRECT PROBLEM WITH INCORRECT RELAY TYPES.	1/17/95	12/31/94		MNT	KRAUSE DUBON

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NCR 93-235-2	D	REVIEW ALL PROCEDURES INVOLVING FIELD TESTING OF RELAYS AND ENSURE SPECIFIC GUIDANCE IS PROVIDED ON WHERE TO CONNECT TEST EQUIPMENT.	1/17/95	12/31/94		MNT	KRAUSE DUBON
NCR 93-256	O	CONFIGURATION MANAGEMENT AS PART OF THE PRIMARY CONTAINMENT ISOLATION SYSTEM DESIGN BASIS RECONSTITUTION WILL REVIEW THE PRIMARY CONTAINMENT ISOLATION SYSTEM FOR OTHER POTENTIAL INDICATION DEFICIENCIES.		12/31/94		NED	DMNEC WALDEN
NCR 93-265	D	GENERATE PROCEDURE OR PM CHANGES TO INCORPORATE VISUAL INSPECTION FOR DISCOLORATION/DEGRADATION.	1/3/95	12/31/94		MNT	
NCR 94-035	C	CNS PROCEDURE 2.2.69.2. RHR SYSTEMS SHUTDOWN OPERATIONS; REQUIRES RHR-MOV-MO16A OR 16B TO BE CLOSED AND THEIR BREAKERS OPENED IN THE SUBSYSTEM LINED UP FOR SDC. THIS PROCEDURAL DIRECTION AUTHORIZES ACTIONS OUTSIDE THE USAR ANALYSIS.	12/2/94	12/31/94	1/4/95	NED	DMNEC RAABE
NCR 94-041	O	COMPLETION OF MWR 94-0916, SRM DETECTOR CONNECTOR REPLACEMENT. (ACT 940506)		11/30/94		ENG	HERRON GAUSMAN BALLINGER THOMPSON DEDIC
NCR 94-041	O	COMPLETION OF MWR 94-0917, IRM DETECTOR CONNECTOR REPLACEMENT. (ACT 940506)		11/30/94		ENG	HERRON GAUSMAN BALLINGER THOMPSON DEDIC
NCR 94-046-7	C	#8 ISSUE FME GUIDELINES DOCUMENT - THE ABSENCE OF FME CONTROLS HAS RESULTED IN MULTIPLE PROBLEMS WITH ESSENTIAL PLANT EQUIPMENT.	12/10/94	1/15/95	1/4/95	MNT	B. R. YORK
NCR 94-048	D	DETERMINE IF PROCEDURE 2.1.4 REQUIRES REVISION TO SPECIFY THAT MECHANICAL VACUUM PUMPS BE SECURED IMMEDIATELY UPON OPENING RPV HEAD VENTS.	12/23/94	11/30/94		OPS	HERRON OPS MGR BREMER
NCR 94-048-2	O	DETERMINE IF PROCEDURE 2.1.4 REQUIRES REVISION TO SPECIFY THAT MECHANICAL VACUUM PUMPS BE SECURED IMMEDIATELY UPON OPENING RPV HEAD VENTS.	12/23/94	1/25/95		OPS	
NCR 94-053	O	IDENTIFY ACTIONS TO CORRECT THE NONCONFORMANCE, DETERMINE ROOT CAUSE, AND ASSIGN ROOT CAUSE TREND CODE. DETERMINE CORRECTIVE ACTIONS TO PREVENT RECURRENCE AND COMPLETE ATTACHMENT 8, NNCR DATA BASE FORM. (ACT 940408)	1/2/95	1/28/95		ENG	GAUSMAN
NRC0I CAL 4-94-06 (8)	C	COMPLETE REVISION OF THE PROCEDURES TO ENSURE DEFICIENCIES WHICH COULD PREVENT ACTUATION OF SAFETY SYSTEM FUNCTIONS DO NOT EXIST.	12/10/94	1/20/95	1/9/95	MNT	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NRCOI CAL 4-94-06	D	UPDATE THE ISI PROGRAM TO INCLUDE ADDITIONAL PENETRATIONS. SUBMIT RELIEF REQUESTS, IF REQUIRED. (ACT 941218)	12/23/94	3/1/95		ENG	GAUSMAN SPENCER CROW ACKERMAN T
NRCOI CAL 4-94-06 (16)	C	ENSURE NECESSARY PROCEDURES ARE REVISED TO ENSURE AS-FOUND TESTING IS PERFORMED PRIOR TO MAINTENANCE REQUIRING ADJUSTMENT OF SETPOINTS OR RECALIBRATION.	12/10/94	1/15/95	1/10/95	MNT-I	
NRCOI CAL 4-94-06 (5)	C	ENSURE THROUGH EXISTING PM PROGRAM THAT TURBINE BUILDING VENTILATION SYSTEM PERFORMS SATISFACTORILY.	12/10/94	1/20/95	1/12/95	MNT	
NRCOI CAL 4-94-08-1	C	REVIEW LER'S DETERMINED VIA SCREENING EFFORT THAT REQUIRE FURTHER CORRECTIVE ACTION AND IMPLEMENT CORRECTIVE ACTIONS DETERMINED TO BE NECESSARY BY MANAGEMENT PRIOR TO STARTUP.	11/10/94	11/15/94	12/14/94	LIC	GODLEY
NRCOI CAL 4-94-08-2	C	IMPLEMENT STARTUP AND POWER ASCENSION PLAN.	11/10/94	11/30/94	12/7/94	SA	MACE JOBE
NRCOI CAL 4-94-08-6	C	SYSTEM ENGINEERS SHALL REVIEW ALL OPEN ITEMS AFFECTING THEIR SYSTEM PRIOR TO RESTART.	11/10/94	1/28/95	1/5/95	ENG	GAUSMAN FOUST JONES
NRCOI CAL 4-94-08-7	O	ENSURE ALL MANAGERS REVIEW REMAINING OPEN ITEMS TO VERIFY THEIR AREAS ARE READY TO SUPPORT STARTUP AND OPERATION. SENIOR MANAGEMENT SHALL REVIEW.	11/10/94	1/20/95		SA	
NRCOI CREFS	D	I.2. THE CONTROL ROOM ENVELOPE PRESSURIZATION ADMINISTRATIVE OPERATING LIMIT WILL BE >=+0.04" WG WITH RESPECT TO THE ADJACENT BUILDINGS AND ATMOSPHERE. IF THIS PRESSURIZATION REQUIREMENT CANNOT BE MET, THE DISTRICT WILL INITIATE AN ACCELERATED TESTING FREQUENCY TO ENSURE THAT THE OPERABILITY LIMIT OF >=+0.03" WG IS MET. DURING THE PERIOD OF ACCELERATED TESTING, THE DISTRICT WILL INITIATE EFFORTS TO RESTORE THE PRESSURE TO >=+0.04" WG. (ACT 941262)	11/10/94	12/15/94	12/2/94	ENG	GAUSMAN FREBORG DAGEFORDE DORN FILLI
NRCOI CREFS-10	O	THE SURVEILLANCE FREQUENCIES FOR THE OPERABILITY AND ADMINISTRATIVE LIMITS WILL REMAIN AS DESCRIBED IN ITEMS I.3, I.4, AND I.6 (ACT 941262)	12/23/94	5/1/95		ENG	
NRCOI CREFS-12	O	ACCELERATED TESTING MAY BE SUSPENDED AND THE NORMAL FREQUENCY RESUMED AFTER TWO CONSECUTIVE BIWEEKLY TESTS WILL RESULTS >OR= +0.05" WG. (ACT 941262)	12/23/94	1/28/95		ENG	
NRCOI CREFS-8	O	FOLLOWING THE NRC APPROVAL OF PROPOSED CHANGE NO. 135 AND IMPLEMENTATION OF THE CORRESPONDING DESIGN CHANGE, OPERABILITY AND AMINISTRATIVE LIMITS FOR CONTROL ROOM PRESURIZATION WILL BE INCREASED BY 0.01" WG TO >OR= +0.04" WG AND >OR= +0.05" WG, RESPECTIVELY.	12/23/94	1/28/95		ENG	

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NRCOI ER 940629	D	DURING FUTURE TYPE A APPENDIX J TESTS, PERFORM A SOAP BUBBLE TEST ON THE PRESSURIZED STEM/BONNET BOUNDARIES OF VALVES RCIC-V-37, HPCI-V-44, RHR-MOV-167A AND RHR-MOV-167B. ACCEPTANCE CRITERIA IS ZERO BUBBLES. (ACT 940856)	11/10/94	1/31/95		ENG	GAUSMAN SPENCER CROW SCHIZAS
NRCOI LLRT ER	D	IMPLEMENT DC 93-050.	11/10/94	2/1/95		NED	DMNEC MCCLURE DONE KELLER
NRCOI PTSC 136	O	OBTAIN NRC APPROVAL OF PROPOSED TECH SPEC CHANGE NO. 136.	11/10/94	12/31/94		LIC	GODLEY
NRCOI SEO 1-PJP-1	C	COMPLETE FME PROGRAM -- WHICH INCLUDES DEVELOPMENT OF TRAINING PERSONNEL AND CHANGING RELATED PROCEDURES. FULLY IMPLEMENT FME PROGRAM.	11/10/94	12/31/94	1/4/95	MNT	GARDNER
NRCOI SEO 1-PJP-2	C	IMPLEMENT FME PROGRAM.	11/10/94	1/1/95	1/4/95	MNT	GARDNER
NRCOI SEO 1 PE	C	ENHANCE PROCEDURE 5.1.3 TO CLARIFY BOTH CONDITIONS (I.E., ANY FORECAST TO EXCEED 902' MSL AND NOTIFICATION OF AN UPSTREAM DAM FAILURE).	11/10/94	12/31/94	1/4/95	OPS	OPS MGR
NRCOI SEO 10.JT	C	IMPLEMENT A NEW INTEGRATED WORK C ,NTROL PROCESS.	11/10/94	11/21/94	11/25/94	OPS	OPS MGR
NRCOI SEO 10RHB	C	INSTALL HEAT TRACKING WHERE REQUIRED PRIOR TO STARTUP.	11/10/94	11/15/94	11/18/94	NED	DMNEC MCCLURE
NRCOI SEO 11-2	C	FOR ALL REMAINING CALCULATIONS, REVIEW THE SETPOINT AND THE REQUIRED SAFETY LIMIT. IF THE SETPOINT MARGIN APPEARS INSUFFICIENT, PRIOR TO PLANT STARTUP PERFORM A SETPOINT CALCULATION OR SAFETY LIMIT EVALUATION. IF NECESSARY, RESET THE SETPOINT PRIOR TO PLANT STARTUP.	11/25/94	1/15/95	1/9/95	NED	A. G. BOESCH
NRCOI SEO 11-3	C	REVIEW ALL REMAINING TECH SPEC SETPOINTS FOR SETPOINT MARGINS. IF IT APPEARS TO BE INADEQUATE, IMPLEMENT SETPOINT CALCS AND SETPOINT CHANGES PRIOR TO PLANT STARTUP. REVIEW ALL REMAINING INSTRUMENTS FOR ELEVATION CORRECTION ERRORS PRIOR TO PLANT STARTUP.	11/25/94	12/28/94	11/21/94	NED	A. G. BOESCH
NRCOI SEO 11-JT	C	PERFORM A COMPLETE REVIEW AND VALIDATION OF ALL OPEN OD'S AND OE'S.	11/10/94	12/31/94	12/29/94	TS	JONES MOELLER C
NRCOI SEO 13-JT	D	CHANGE THE METHOD OF STAFFING SUCH THAT STA'S WILL BE DEDICATED TO SPECIFIC SHIFTS. IMPLEMENT THIS CHANGE DURING PHASE III OF THE PIP.	11/10/94	12/31/94		SS	JONES JOBE
NRCOI SEO 14-JT	C	INSPECT THE 10 MOVs IDENTIFIED IN CR 94-0807.	12/10/94	12/1/94	1/4/95	MNT	
NRCOI SEO 15.JT	O	ENHANCE PROCEDURE 0.9 AND NEW PROCEDURE 0.31 TO ENSURE CONTROL IS MAINTAINED DURING ALL OPERATING MODES OF ALL SYSTEMS.	11/10/94	12/1/94		OPS	OPS MGR

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NRCOI SEO 17.PE	C	PHASE 2/3 PERFORMANCE IMPROVEMENT PLAN WILL INCLUDE ACTION PLANS TO ASSURE PROCEDURALIZED COMMUNICATION OF EXPECTATIONS ARE ALWAYS CLEAR.	11/10/94	12/31/94	11/24/94	SA	JONES JOBE
NRCOI SEO 18.JT	C	IMPLEMENT A NEW INTEGRATED WORK CONTROL PROCESS.	11/10/94	11/21/94	12/15/94	OPS	OPS MGR
NRCOI SEO 19.JT-1	D	DEVELOP A COMPUTER-BASED LCO TRACKING SYSTEM.	11/10/94	12/30/94		OPS	OPS MGR
NRCOI SEO 19.JT-2	C	ESTABLISH AND IMPLEMENT A PLAN FOR INTEGRATED WORK CONTROL, PLANNING, AND SCHEDULING. DEVELOP A NEW TEST SCHEDULE PROGRAM.	11/10/94	11/21/94	1/7/95	OPS	OPS MGR
NRCOI SEO 8.3JT-1	O	IMPLEMENT CLEAR GUIDANCE IN REGARD TO OPERABILITY DURING TESTING THROUGH THE IMPLEMENTATION OF ADDITIONAL ADMINISTRATIVE CONTROLS WHEN PERFORMING SURVEILLANCE TESTING. PLANS INCLUDE SUCH ITEMS AS ESTABLISHED AOT'S WITHIN TECH SPEC LCO LIMITATIONS AND WELL DEFINED DIVISIONAL TESTING.	11/10/94	1/6/95		OPS	OPS MGR
NRCOI SEO 8.3JT-2	O	DEVELOP THE SCOPE AND DIRECTION OF NECESSARY LONG TERM ACTIONS. IMPLEMENT PRIOR TO PLANT RESTART.	11/10/94	1/27/95		OPS	OPS MGR
NRCOI SEO ENG-12	C	RE-EVALUATE ALL RHR SYSTEM EWR'S, EXCEPT THOSE IMPLEMENTED, FOR SAFETY SIGNIFICANCE.	11/10/94	11/17/94	12/14/94	ENG	GAUSMAN
NRCOI SEO JT-23-1	O	COMPLETE ADDITIONAL CONTACT TESTING AND INDEPENDENT THIRD PARTY VALIDATION OF ECCS AND RPS SURVEILLANCE PROGRAM.	11/10/94	12/24/94		OPS	OPS MGR
NRCOI SEO JT-23-3	O	REVISE ADS PROCEDURE TO INCLUDE STEP IN THE ACCEPTANCE CRITERIA.	11/10/94	11/21/94		OPS	OPS MGR
NRCOI SEO JT-9-2	C	RE-EVALUATE EXISTING PTM'S FOR SAFETY SIGNIFICANCE AND SUBMIT FOR SORC REVIEW.	11/10/94	11/30/94	1/7/95	OPS	OPS MGR
NRCOI SEO M&0-11	D	STRESS CHANGING CULTURE.	11/10/94	3/31/95		SA	JONES JOBE
NRCOI SEO M&O 1, 5, & 6-3	C	COMPLETE INITIAL PHASE 2/3 PLAN.	11/10/94	11/10/94	11/18/94	SA	JONES JOBE
NRCOI SEO M&O 1, 5, & 6-5	C	IMPROVE WORK PLANNING PROCESS BY ESTABLISHING A WORK CONTROL CENTER AND AN INTEGRATED SCHEDULING FUNCTION, SCOPING AND WALKDOWN OF NEW MAINTENANCE ITEMS WITHIN 24 HOURS, INTEGRATE ALL WORK IN A 12-WEEK ROLLING ON-LINE SCHEDULE OR OUTAGE SCHEDULE, AND PERFORMANCE OF "TASK READY" WORK PLANNING.	11/10/94	11/30/94	1/4/95	MNT	GARDNER
NRCOI SEO M&O 1,5, & 6-2	O	ESTABLISH A COMPREHENSIVE PLANNING AND SCHEDULING ORGANIZATION FOR BOTH OUTAGE AND NORMAL OPERATION IN THE PHASE 2 AND 3 PLANS.	11/10/94	3/31/95		SA	JONES JOBE
NRCOI SEO M&O 7	C	DEVELOP A PROGRAM REQUIRING DIRECT OBSERVATION OF WORK BY LINE MANAGEMENT PERSONNEL ON A WEEKLY BASIS AND TIMELY RESOLUTION OF NOTED CONCERNS (I.E., TYPICALLY ON THE SPOT).	11/10/94	11/11/94	11/18/94	RAD	BEILKE

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
NRCOI SEO M&O-13 AND 12-PE	C	IMPLEMENT A FORMAL PROGRAM IN PHASE II AND III OF THE PERFORMANCE IMPROVEMENT PROGRAM.	11/10/94	12/31/94	12/7/94	SA	JONES JOBE
NRCOI SEO M&O-4	C	INCREASE THE NUMBER OF NON-NPPD MEMBERS TO A MINIMUM OF THREE.	11/10/94	11/17/94	11/4/94	SA	JONES
NRCOI SEO M&O-9	D	INCLUDE IN PHASE 2/3 OF THE PERFORMANCE IMPROVEMENT PLAN A SPECIFIC ACTION WHICH ENSURES AN INTEGRATED RESOLUTION TO THE "HUMAN FACTORS" CONCERN.	1/9/95	12/31/94		SA	JONES JOBE
NRCOI SEO MT-RHB12	C	ESTABLISH ADDITIONAL CONTROLS TO IDENTIFY THE PROPER "PARKING" LOCATION FOR THE HOISTS, AND TO SPECIFY THE APPROPRIATE STORAGE POSITIONS/LOCATIONS FOR THE HOOKS AND CHAINS.	11/10/94	12/31/94	11/14/94	MNT	GARDNER
NRCOI SEO PJP-21	C	DEVELOP A FIELD OBSERVATION CHECKLIST TO ASSIST SUPERVISORS/MANAGERS IN EVALUATING THE IMPLEMENTATION OF QC PROGRAM ENHANCEMENTS.	11/10/94	11/17/94	11/28/94	MNT	GARDNER
NRCOI TS 6.5.1.G	D	SUBMIT TO THE NRC (IF REQUIRED) A REVISION TO THE CORE OPERATING LIMITS REPORT PRIOR TO EACH RELOAD CYCLE.	11/10/94	2/1/95		LIC	JONES GODLEY
PIP 1.1	C	REVISE THE SRAB CHARTER; ADDRESS MEMBER INDEPENDENCE AND REVISE MEMBERSHIP	11/10/94	12/6/94	12/20/94	MGT	R. G. JONES
PIP 1.2	C	IMPROVE SORC EFFECTIVENESS	11/10/94	12/15/94	12/17/94	MGT	J. SAYER
PIP 1.3	C	INDEPENDENT ASSESSMENT OF STARTUP ACTION PLAN, CONFIRMATORY ACTION LETTER, CONDITION REPORTS	11/10/94	12/31/94	1/6/95	QA	D. R. ROBINSON
PIP 1.4	C	QUALITY CONTROL	11/10/94	12/5/94	1/5/95	QA	G. E. SMITH
PIP 2.1	C	CORRECTIVE ACTION	11/10/94	12/13/94	1/12/95	SA	J. FLAHERTY
PIP 2.2	C	DEPARTMENTAL PERFORMANCE INDICATOR GOALS/MONITORING	11/10/94	11/22/94	11/22/94	MGT	J. V. SAYER
PIP 3.1	C	ESTABLISH AND IMPLEMENT A PLAN FOR INTEGRATED WORK CONTROL, PLANNING, AND SCHEDULING.	11/10/94	11/28/94	11/28/94	MNT	R. L. GARDNER
PIP 3.2	C	IMPLEMENT EFFECTIVE LCO TRACKING AND WORK COORDINATION INTERFACE SYSTEM	11/10/94	12/5/94	12/15/94	OPS	R. BRUNGARDT
PIP 4.1 (1 OF 2)	C	PLANT CONFIGURATION VERIFICATION (1 OF 2)	11/10/94	12/16/94	1/4/95	NED	G. S. MCCLURE
PIP 4.1 (2 OF 2)	C	PLANT CONFIGURATION VERIFICATION (2 OF 2)	11/10/94	12/16/94	1/12/95	OPS	R. BRUNGARDT
PIP 4.2	C	IDENTIFY AND REVIEW PRIORITY VENDOR MANUALS	11/10/94	12/7/94	1/3/95	ENG	R. FOUST
PIP 4.3	C	NED REVIEW OF PROCEDURES AND DCNs TO ENSURE CONFIGURATION CONTROL	11/10/94	12/14/94	1/7/95	NED	G. S. MCCLURE
PIP 4.4	C	EFFICIENT RESOLUTION OF DESIGN-BASIS QUESTIONS	11/10/94	12/21/94	1/12/95	NED	W. L. SWANTZ
PIP 4.5	C	SURVEILLANCE PROCEDURE ADEQUACY	11/10/94	12/27/94	1/5/95	OPS	D. W. BREMER

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PIP 4.6	C	SORC APPROVED MWRs AND SUBSEQUENT DESIGN CHANGES	11/10/94	11/30/94	12/17/94	NED	G. S. MCCLURE
PIP 4.7	C	INADEQUATE CALCULATION CONTROL PRIOR TO IMPLEMENTATION	11/10/94	12/8/94	12/17/94	NED	G. S. MCCLURE
PIP 4.8	C	MULTI-DISCIPLINE TEAM SYSTEM REVIEWS	11/10/94	12/23/94	1/12/95	ENG	J. W. GAUSMAN
PIP 5.1	C	IMPROVE NED SITE SUPPORT DURING STARTUP AND POWER ASCENSION (S/PA)	11/10/94	12/8/94	1/6/95	NED	S. MCCLURE R. WENZL
PIP 5.2	C	OD/OE REVIEW	11/10/94	12/2/94	12/21/94	TS	C. MOELLER
PIP 6.1	C	PRE-CONDITIONING	11/10/94	12/9/94	1/4/95	OPS	DIRITO
PIP 6.2	C	IST AND SURVEILLANCE TESTING	11/10/94	12/29/94	1/9/95	ENG	SPENCER
PIP 6.3	O	CYCLE EXTENSION	11/10/94	12/23/94		ENG	J. W. GAUSMAN
PIP 7.1	C	STARTUP EXPERIENCE FOLLOWING EXTENDED OUTAGES	11/10/94	12/9/94	12/15/94	TS	C. MOELLER
PIP 7.2	C	OPEN OERs	11/10/94	12/6/94	12/17/94	SA	C. GAINES
PIP 7.3	C	REACTOR VESSEL THERMAL TRANSIENT	11/10/94	12/10/94	1/6/95	NED	W. L. SWANTZ
PIP 8.1	C	DEVELOP PROCEDURE HIERARCHY TO IDENTIFY CONTROLLING PROCEDURES	11/10/94	12/12/94	1/7/95	TS	C. MOELLER
PIP 8.2	C	SPECIAL INSTRUCTIONS	11/10/94	12/5/94	1/3/95	MNT	R. L. GARDNER
PIP 8.3	C	SCREEN BACKLOG OF PROCEDURE CHANGES FOR SIGNIFICANT ITEMS FOR STARTUP	11/10/94	11/29/94	11/29/94	TS	C. MOELLER
PIP 8.4	C	ADAM CHANGES	11/10/94	12/17/94	1/11/95	SS	N/A
PIP 8.5	O	METHOD FOR HANDLING SURVEILLANCE TEST LCOs WITHOUT ALLOWED OUTAGE TIMES	11/10/94	12/28/94		OPS	DIRITO
PIP 9.1	C	RESOLVE THE LACK OF PROGRAM OWNERSHIP IN THE NPG	11/10/94	12/19/94	11/22/94	SA	R. G. JONES
PIP 9.2	C	NUCLEAR SAFETY AWARENESS	11/10/94	12/12/94	1/7/95	SS	J. DUTTON
PIP 9.3	C	MANAGEMENT OBSERVATIONS - FIELD COACHING TEAM PLUS MANAGEMENT OBSERVATIONS	11/10/94	12/15/94	12/15/94	MGT	R. BIELKE
PIP 9.4	C	INDUSTRIAL SAFETY	11/10/94	11/29/94	12/10/94	SS	H. HITCH
PIP 9.5	C	LICENSING SUBMITTALS	11/10/94	12/19/94	1/4/95	LIC	R. GODLEY
PTM 93-33	O	REPLACED NW QUAD REC FLOW INDICATOR (REC-FI-475B) WITH PIPE SPOOLPIECE. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 93-37	O	REPLACED RWCU PUMP "B" REC FLOW INDICATOR (REC-FI-467B) WITH PIPE SPOOLPIECE. INADEQUATE 50.59 ANALYSIS	12/12/94			OPS	P. DI RITO
PTM 93-47	C	LEAK REPAIR ON HP TURBINE MAN-WAY CROSS-UNDER PIPE. INADEQUATE 50.59 ANALYSIS (PER ORIGINATOR, PTM MAY BE REMOVED).	12/12/94		1/10/95	OPS	P. DI RITO

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PTM 93-58	O	TRACER GAS INJECTION TO MAIN CONDENSER WATERBOX. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 93-74	O	LEAK REPAIR ON HP TURBINE CASE MAN-WAY. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-07	O	JUMPER ON DEH COMPUTER POINT MONITORING. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-09	C	PROVIDE AN ALTERNATE POWER SUPPLY TO PRESSURE CONTROL CIRCUITRY ON DEH CONTROL CABINET. MWR 94-0892. INDIVIDUAL POWER SUPPLIES NOT ADDRESSED IN THE USAR. FAILURE OF EITHER WILL CAUSE A TRANSIENT ON THE DEH SYSTEM COMPUTER, WITH POSSIBLE TRANSIENT ON THE PLANT ITSELF.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-10		PIPE NIPPLE AND CAP ADDED ON HPCI STOP VALVE (HPCI-HOV-HOV10). INADEQUATE 50.59 ANALYSIS.					
PTM 94-13	C	LEAD LIFTED AND JUMPER TO TEMPORARILY BYPASS NON-ESSENTIAL SMOKE DETECTOR IN CABLE SPREADING ROOM. DC 94-262 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-14	C	LEAD LIFTED AND JUMPER TO BYPASS AND ELECTRICALLY ISOLATE HV-SW-(SF-C-1A & 1B) DUE TO BEING NON-ESSENTIAL. DC 94-262 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-17	O	JUMPER FOR DEH COMPUTER POINT MONITOR. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-20	O	INSTALLATION OF GAUGES ON GLAND STEAM EXHAUST LINE ANNUBARS. INADEQUATE 50.59 ANLAYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-21	O	INSTALLATION OF GAUGES ON MS BYPASS VALVE EXHAUST LINE ANNUBARS. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-23	O	RX BLDG. DRAIN CAPS INSTALLED TO MAINTAIN SECONDARY CONTAINMENT. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-24	O	TEMPORARY PRESSURE SENSING LINE INSTALLED TO MAINTAIN SECONDARY CONTAINMENT. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94-25	O	TEMPORARY PRESSURE SENSING LINE INSTALLED BETWEEN CONTROL ROOM ENVELOPE AND CABLE EXPANSION ROOM/CHANGE AREA. INADEQUATE 50.59 ANALYSIS.	12/12/94			OPS	P. DI RITO
PTM 94 27	C	INSTALLATION OF PLATES TO ELIMINATE THE BALANCING FUNCTION OF CONTROL ROOM RETURN DAMPER HV-AD-AD 1021C. DC 94-262 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-28	C	REPLACEMENT OF LOCKING ROD ON CONTROL ROOM ENVELOPE BALANCING DAMPER HV-AD-(AD1021D-2). DC 94-262 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
PTM 94-29	O	REMOVAL OF PLASTIC TAPE COVERING ANTI-SWEAT INSULATION ON REC PIPING IN THE DRYWELL.	12/12/94			OPS	P. DI RITO
PTM 94-33-1	C	ELAPSED TIME METERS ON A AND B SGTs AND CONTROL ROOM EMERGENCY BYPASS FAN. NON-ESSENTIAL METERS JUMPERED OUT. DONE TO UPGRADE THE SYSTEMS TO ESSENTIAL. DC 94-272.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-33-2	C	LEAD LIFTED TO ELAPSED TIME METER FOR SGT A AND B AND THE CONTROL ROOM EMERGENCY BOOSTER FAN. DC 94-272 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-35-1	C	LEAD LIFTED AND JUMPER TO BYPASS #s 1&2 DG CO2 SYSTEM HV TRIP BYPASS. DC 94-302 IN PROGRESS TO RESOLVE PTM, REVIEW NOT PERFORMED.	12/12/94		1/10/95	OPS	P. DI RITO
PTM 94-35-2	C	DIESELS #1 AND #2 CARDOX (CO2) H & V PRESSURE SWITCHES. THESE PRESSURE SWITCHES ARE DEACTIVATED, DUE TO BEING OUTSIDE THE DG ROOMS AND NOT PROTECTED FOR SEISMIC CONCERNS. THIS MAKES BOTH DG CO2 SYSTEMS INOP. LCO 94-115.	12/12/94		1/10/95	OPS	P. DI RITO
RA-NED-1	D	PERFORM READINESS ASSESSMENT FOR INSTRUMENT SETPOINTS NED PROGRAM		1/11/95		NED	A. G. BOESCH
RA-NED-10	D	PERFORM READINESS ASSESSMENT FOR RELAY SETPOINTS NED PROGRAM		1/4/95		NED	W. C. FISCHER
RA-NED-11	D	PERFORM READINESS ASSESSMENT FOR FUSE AND BREAKER COORDINATION NED PROGRAM		1/5/95		NED	W. C. FISCHER
RA-NED-12	D	PERFORM READINESS ASSESSMENT FOR LOAD STUDIES NED PROGRAM		1/6/95		NED	
RA-NED-13	D	PERFORM READINESS ASSESSMENT FOR PIPE HANGERS NED PROGRAM		1/9/95		NED	
RA-NED-14	D	PERFORM READINESS ASSESSMENT FOR MOV NED PROGRAM		1/17/95		NED	K. L. ALMQUIST
RA-NED-15	D	PERFORM READINESS ASSESSMENT FOR PROBABILISTIC RISK ASSESSMENT NED PROGRAM		1/18/95		NED	J. C. BRANCH
RA-NED-16	D	PERFORM READINESS ASSESSMENT FOR DESIGN BASIS NED PROGRAM		1/19/95		NED	M. T. BOYCE
RA-NED-17	O	PERFORM READINESS ASSESSMENT FOR CONFIGURATION MANAGEMENT NED PROGRAM	12/23/94			NED	J. R. ULLMANN
RA-NED-2	D	PERFORM READINESS ASSESSMENT FOR EQUIPMENT QUALIFICATION NED PROGRAM		1/12/95		NED	W. C. FISCHER D. E. BUMAN
RA-NED-3	D	PERFORM READINESS ASSESSMENT FOR EQUIPMENT CLASSIFICATION NED PROGRAM.				NED	G.S. MCCLURE
RA-NED-4	D	PERFORM READINESS ASSESSMENT FOR FIRE PROTECTION NED PROGRAM	1/3/95	1/13/95		NED	M. A. HILLSTROM
RA-NED-5	D	PERFORM READINESS ASSESSMENT FOR METER BANDING NED PROGRAM		12/22/94		NED	A. G. BOESCH

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
RA-NED-6	D	PERFORM READINESS ASSESSMENT FOR RELIEF VALVE SETPOINTS NED PROGRAM		1/10/95		NED	M. A. HILLSTROM
RA-NED-7	D	PERFORM READINESS ASSESSMENT FOR TEMPORARY SHIELDING NED PROGRAM		12/29/94		NED	M. J. SIEDLIK
RA-NED-8	D	PERFORM READINESS ASSESSMENT FOR SEISMIC QUALIFICATION NED PROGRAM		1/3/95		NED	
RA-NED-9	D	PERFORM READINESS ASSESSMENT FOR DESIGN CHANGE NED PROGRAM		1/16/95		NED	M. A. HILLSTROM
RA-NOD-1	O	PERFORM READINESS ASSESSMENT FOR OPERABILITY DETERMINATIONS/OPERABILITY EVALUATIONS PROGRAM	12/23/94			OPS	C. HOLM
RA-NOD-10	D	PERFORM READINESS ASSESSMENT FOR RECORDS MANAGEMENT OPERATIONS PROGRAM		12/21/94		SS	S. STIERS
RA-NOD-11	D	PERFORM READINESS ASSESSMENT FOR RADWASTE STORAGE AND DISPOSAL OPERATIONS PROGRAM		12/30/94		RAD	T. CHARD
RA-NOD-12	D	PERFORM READINESS ASSESSMENT FOR IN-SERVICE INSPECTION OPERATIONS PROGRAM		1/7/95		ENG	R. SCHULTZ
RA-NOD-13	D	PERFORM READINESS ASSESSMENT FOR IN-SERVICE TESTING OPERATIONS PROGRAM		1/7/95		ENG	B. CROW
RA-NOD-14	D	PERFORM READINESS ASSESSMENT FOR APPENDIX J TESTING OPERATIONS PROGRAM	12/23/94	1/7/95		ENG	F. SCHIZAS
RA-NOD-15	D	PERFORM READINESS ASSESSMENT FOR CHECK VALVES OPERATIONS PROGRAM		12/27/94		ENG	B. CROW
RA-NOD-16	D	PERFORM READINESS ASSESSMENT FOR WELDING OPERATIONS PROGRAM		12/21/94		MNT	B. CROW
RA-NOD-17	D	PERFORM READINESS ASSESSMENT FOR EROSION/CORROSION OPERATIONS PROGRAM		1/11/95		ENG	B. CROW
RA-NOD-18	D	PERFORM READINESS ASSESSMENT FOR SNUBBERS OPERATIONS PROGRAM		1/12/95		ENG	F. SCHIZAS
RA-NOD-19	D	PERFORM READINESS ASSESSMENT FOR COMMERCIAL GRADE DEDICATION OPERATIONS PROGRAM		1/13/95		ENG	T. KENT
RA-NOD-2	O	PERFORM READINESS ASSESSMENT FOR SURVEILLANCE TESTING PROGRAM	12/23/94	1/15/95		MNT	J. PEASLEE
RA-NOD-20	D	PERFORM READINESS ASSESSMENT FOR SHELF LIFE OPERATIONS PROGRAM		12/27/94		ENG	
RA-NOD-21	D	PERFORM READINESS ASSESSMENT FOR RELIABILITY AND PERFORMANCE MONITORING OPERATIONS PROGRAM		1/14/95		ENG	
RA-NOD-22	D	PERFORM READINESS ASSESSMENT FOR SHIFT TECHNICAL ADVISOR OPERATIONS PROGRAM		1/16/95		ENG	R. FOUST
RA-NOD-23	D	PERFORM READINESS ASSESSMENT FOR VENDOR MANUALS OPERATIONS PROGRAM		12/23/94		ENG	G. HANSEN
RA-NOD-24	D	PERFORM READINESS ASSESSMENT FOR SYSTEMS ENGINEERING OPERATIONS PROGRAM		1/17/95		ENG	S. FREBORG

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
RA-NOD-25	D	PERFORM READINESS ASSESSMENT FOR MIC MONITORING AND MITIGATION OPERATIONS PROGRAM		12/21/94		ENG	D. DAGEFORDE
RA-NOD-26	D	PERFORM READINESS ASSESSMENT FOR OPERABILITY EVALUATIONS OPERATIONS PROGRAM		12/30/94		ENG	D. DAGEFORDE
RA-NOD-27	D	PERFORM READINESS ASSESSMENT FOR EQUIPMENT DATA FILE OPERATIONS PROGRAM		1/13/95		ENG	J. CLARK
RA-NOD-28	D	PERFORM READINESS ASSESSMENT FOR PREDICTIVE MAINTENANCE OPERATIONS PROGRAM		12/28/94		MNT	J. DAMET
RA-NOD-29	D	PERFORM READINESS ASSESSMENT FOR PREVENTATIVE MAINTENANCE OPERATIONS PROGRAM		12/28/94		MNT	J. DAMET
RA-NOD-3	D	PERFORM READINESS ASSESSMENT FOR PLANT LABELING OPERATIONS PROGRAM		12/23/94		OPS	A. JEANNERET
RA-NOD-30	D	PERFORM READINESS ASSESSMENT QA AUDIT/SURVEILLANCE OPERATIONS PROGRAM		1/10/95		QA	G. SMITH
RA-NOD-31	D	PERFORM READINESS ASSESSMENT FOR QA SUPPLIER AUDIT OPERATIONS PROGRAM		1/11/95		QA	D. ROBINSON
RA-NOD-32	D	PERFORM READINESS ASSESSMENT FOR QUALITY CONTROL OPERATIONS PROGRAM		12/27/94		QA	
RA-NOD-33	D	PERFORM READINESS ASSESSMENT FOR WORK CONTROL OPERATIONS PROGRAM		1/12/95		MNT	
RA-NOD-4	D	PERFORM READINESS ASSESSMENT FOR CALIBRATION OPERATIONS PROGRAM		1/3/95		MNT	R. MASON
RA-NOD-5	D	PERFORM READINESS ASSESSMENT FOR OPERATING EXPERIENCE REVIEWS OPERATIONS PROGRAM		12/29/94		SA	C. MOELLER
RA-NOD-6	D	PERFORM READINESS ASSESSMENT FOR CORRECTIVE ACTION OPERATIONS PROGRAM		1/4/95		SA	J. FLAHERTY
RA-NOD-7	D	PERFORM READINESS ASSESSMENT FOR OVERSIGHT OPERATIONS PROGRAMS (SRAB/SORC)		1/5/95		MGT	R. JONES
RA-NOD-8	D	PERFORM READINESS ASSESSMENT FOR ASSESSMENT (QUALITY ASSURANCE) OPERATIONS PROGRAM.		1/9/95		QA	D. ROBINSON
RA-NOD-9	D	PERFORM READINESS ASSESSMENT FOR INDUSTRIAL SAFETY OPERATIONS PROGRAM		1/6/95		SS	F. ALDERMAN
RA-TRN-1	D	PERFORM READINESS ASSESSMENT FOR INSTRUMENT & CONTROL TRAINING PROGRAM.		12/20/94		TRN	R. BRUNGARDT R. YELKIN
RA-TRN-10	D	PERFORM READINESS ASSESSMENT FOR SHIFT TECHNICAL ADVISOR TRAINING PROGRAM		1/6/94		TRN	J. GAUSMAN S. JOBE
RA-TRN-11	D	PERFORM READINESS ASSESSMENT FOR REACTOR OPERATOR TRAINING PROGRAM		1/4/94		TRN	R. BRUNGARDT S. JOBE
RA-TRN-12	D	PERFORM READINESS ASSESSMENT FOR SENIOR REACTOR OPERATOR TRAINING PROGRAM		1/5/94		TRN	R. BRUNGARDT S. JOBE
RA-TRN-13	D	PERFORM READINESS ASSESSMENT FOR STATION OPERATOR TRAINING PROGRAM		1/3/94		TRN	R. BRUNGARDT S. JOBE

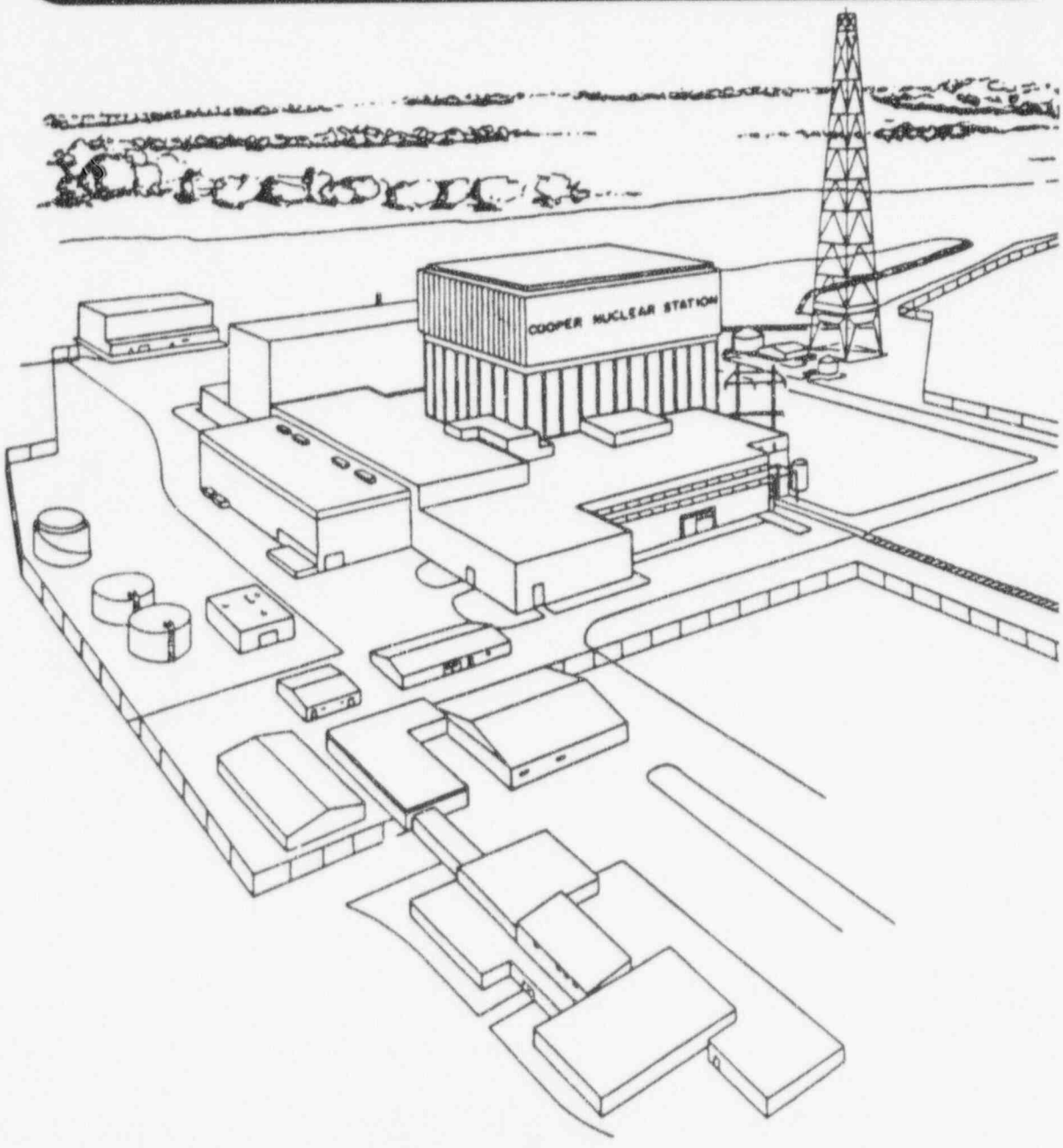
Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
RA-TRN-2	D	PERFORM READINESS ASSESSMENT FOR MECHANICAL MAINTENANCE TRAINING PROGRAM.		12/20/94		TRN	M. ESTES R. YELKIN
RA-TRN-3	D	PERFORM READINESS ASSESSMENT FOR ELECTRICAL MAINTENANCE TRAINING PROGRAM.		12/20/94		TRN	M. ESTES R. YELKIN
RA-TRN-4	D	PERFORM READINESS ASSESSMENT FOR CHEMISTRY TRAINING PROGRAM.		12/22/94		TRN	R. BEILKE R. YELKIN
RA-TRN-5	D	PERFORM READINESS ASSESSMENT FOR HEALTH PHYSICS/RADIOLOGICAL SUPPORT TRAINING PROGRAM.		12/22/94		TRN	R. BEILKE R. YELKIN
RA-TRN-6	D	PERFORM READINESS ASSESSMENT FOR ENGINEERING SUPPORT TRAINING PROGRAM.		12/28/94		TRN	J. GAUSMAN R. YELKIN
RA-TRN-7	D	PERFORM READINESS ASSESSMENT FOR SIMULATOR CERTIFICATION TRAINING PROGRAM.		1/9/94		TRN	J. FLORENCE
RA-TRN-8	D	PERFORM READINESS ASSESSMENT FOR SHIFT SUPERVISOR TRAINING PROGRAM		1/10/94		TRN	R. BRUNGARDT S. JOBE
RA-TRN-9	D	PERFORM READINESS ASSESSMENT FOR LICENSED OPERATOR REQUALIFICATION TRAINING PROGRAM.		1/11/94		TRN	R. BRUNGARDT S. JOBE
RICSIL 069, R2	C	DETERMINE IF AND HOW MANY, ARE TO BE CHANGED OUT PRIOR TO STARTUP. (ACT 941368)		11/10/94	1/5/95	ENG	HERRON GAUSMAN BALLINGER THOMPSON WHEELER
RV-63	D	NBI-CV-49BCV/51BCV/52BCV & SOV-SSV738/739	1/17/95	1/15/95		ENG	
RV-64	D	HBI-CV-55CV/56/CV	1/17/95	1/15/95		ENG	
RV-65	D	HPCI-SOV-SSV64/87	1/17/95			ENG	
RV-66	D	HCPI-AOV-PCV50 & RCIC-AOV-PCV23	1/17/95	1/15/95		ENG	
SER 7-94	O	REVISE PROCEDURE 2.1.1 TO INCLUDE VERIFICATIONS THAT REQUIRED CONTAINMENT PRESSURE INSTRUMENT PENETRATIONS AND ASSOCIATED LINES ARE UNCAPPED AND OPEN BEFORE PLANT HEATUP	12/19/94			OPS	DI RITO

Source No.	Status	Description	MRC Approval	Due Date	Closed Date	Responsible Department	Responsible Individual
SIL 548-1	D	PREPARE PROCEDURE CHANGE NOTICES FOR 2.2.67, 2.2.67.1, 5.8.2, 6.3.6.1, AND 6.3.6.1.1 TO INCORPORATE A CAUTION TO OPERATORS THAT OXYGEN LEVELS IN CONTAINMENT MAY INCREASE WHEN RCIC IS IN USE. PREPARE PROCEDURE CHANGE NOTICES FOR 6.3.6.1, 6.3.6.1.1, AND 6.3.6.12 TO INCORPORATE STEPS FOR MONITORING, RECORDING, AND ADJUSTING (IF NECESSARY) GLAND AND BAROMETRIC CONDENSER PRESSURE. AN ACTION ITEM WAS ASSIGNED TO NUCLEAR LICENSING AND SAFETY TO EVALUATE THE NEED TO SUBMIT A SUPPLEMENT TO THE NPPD/CNS RESPONSE TO GENERIC LETTER 84-09 TO INDICATE THAT RCIC IS A POTENTIAL SOURCE OF OXYGEN TO THE PRIMARY CONTAINMENT.	12/23/94	5/1/95	1/15/95	ENG	M. T. LYMAN
SIL 548-2	D	PREPARE PROCEDURE CHANGE NOTICES FOR 6.3.6.1, 6.3.6.1.1 AND 6.3.6.1.2 TO INCORPORATE STEPS FOR MONITORING, RECORDING AND ADJUSTING (IF NECESSARY) GLAND AND BAROMETRIC CONDENSER PRESSURE.	12/23/94	4/30/95		ENG	
SIL 551	O	APPROVAL OF REVISION TO PROCEDURE 2.2.68 DISCUSSING THE CONCERNS OF OPERATING AN RRMG SET AT > 100% OF RATED SPEED.	12/19/94	12/1/94		OPS	DI RITO
SN 0-02695	D	NO DOCUMENTATION CAN BE FOUND TO VERIFY THAT THE 480V BUS (A, B, F AND G) BAR BOLTS ARE TIGHT	12/21/94				R. MOBERLY
SOER 94-01	C	RECOMMENDATION 4: PRESENT SOER IN LICENSED REQUAL CYCLE 95-01 FOR LICENSED OPERTORS, STATION OPERATORS, AND STAs.	12/17/94	2/15/95	12/12/94	SS	MACE DUTTON JOBE
SRAB MTG 176	C	OBTAIN SORC APPROVAL OF REVISION TO PROCEDURE 6.3.8.1. (RE: SR176-02)		3/1/95	12/20/94	OPS	HERRON OPS MGR STAIRS
STP 94-075	C	APPENDIX R EMERGENCY LIGHT VALIDATION. SEE DC 94-075B.	12/23/94		1/11/95	NED/FP	

828 items

Cooper Nuclear Station

STARTUP AND POWER ASCENSION PLAN (SHUTDOWN 94-03)



Nebraska Public Power District

REVISION 2

9505190108

A/52

COOPER NUCLEAR STATION

STARTUP AND POWER ASCENSION PLAN

Revision 2

APPROVED BY:

Plant Manager — Date: 1-12-95

Site Manager — Date: 1/13/95

TABLE OF CONTENTS

* NOTE: Final, official revision will be issued prior to plant startup.

1. PURPOSE

The purpose of this document is to establish management's expectations for the safe and controlled restart of Cooper Nuclear Station from shutdown 94-03 that commenced May 25, 1994. This will be accomplished through the following objectives:

- Establish a shift-management and support organization to augment and support the normal shift staff that will assist in conducting a safe and error-free startup. This plan defines responsibilities and accountability of the startup organization during the startup and power ascension.

- Provide a rapid-response maintenance and technical support capability to resolve emergent issues in a timely manner so that safe startup and power ascension are not impeded.

- Conduct startup and surveillance testing in a safe and efficient manner to ensure that system and component operability support startup and power ascension.

2. SCOPE

This plan addresses the activities that will ensure that plant operation, material condition, personnel performance, organizational responsiveness, and the functioning of administrative and work control processes are fully ready for a safe and reliable startup. The development and approval of this plan are part of the criteria on which the evaluation for startup is based. This plan consists of the following major elements:

- Startup Organization
- Startup Readiness
- Power Ascension Overview

The overall responsibility for the successful execution of this plan rests with the Plant Manager.

3. STARTUP ORGANIZATION

This section describes the shift organization and additional staffing (Attachment 1), their responsibilities, and the lines of communication used during preparations for and the conduct of startup and power ascension. As a minimum, the staffing shall be available from the time the Reactor Mode Switch is placed in the "Start & Hot Standby" position until management determines that the startup and power ascension phase is satisfactorily completed.

3.1. MANAGEMENT OVERSIGHT

An experienced Management Representative shall be assigned on-shift to provide 24-hour coverage throughout startup and power ascension. He is a the direct representative of the CNS Plant Manager and is responsible for maintaining an overall perspective of the startup process. He is the senior CNS manager on shift, and the on-shift organizations report directly to him, including the Shift Supervisor. He will be informed of any significant restraints or potential schedule impacts and take appropriate action to resolve them to meet our objectives of a safe and error-free plant startup. In addition, he will assure that plant material condition is not degraded during the startup. If necessary, the Management Representative will make the decision to delay the startup, reduce power or shutdown to make necessary repairs, keeping the Plant Manager and Site Manager informed of these decisions. Additional responsibilities include:

- Ensuring that on-shift and support personnel are aware of and meet management's expectations on achieving a safe and error-free plant startup.
- Fostering and supporting a questioning attitude by ensuring concerns expressed by plant personnel are acknowledged and addressed in a timely manner.
- Allocating personnel and resources as needed to support the startup and power ascension schedule.
- Apprising the Plant Manager of all off-normal and emerging issues that may impact plant startup and power ascension.
- Conducting a shift briefing with the on-shift managers who report to him shortly following the operations shift turnover.

3.2 STARTUP ON-SHIFT STAFFING AND ORGANIZATION

3.2.1 Operations Shift Crews

The duty Shift Supervisor reports directly to the on-shift Management Representative during the period that the Startup and Power Ascension Plan is in effect. He is in charge of plant configuration and control at all times as specified in CNS Procedure 0.2, *Station Organization and Responsibility*. The temporary staffing established to augment the normal operating staff during the startup and power ascension is structured specifically to support the command and control authority of the Shift Supervisor and Control Room Supervisor through the Management Representative.

Shift staffing for startup and power ascension is increased over normal levels. Additional staffing includes a Licensed Operator and two or more Station Operators. Their responsibilities during this period are as follows:

- The Licensed Operator is dedicated to verifying control board manipulations and control rod movements with a specific focus on reactivity control. This operator is to provide independent verification assistance to the duty crew and will manipulate controls only under the direction of the duty crew.

- At least two additional Station Operators will be assigned, as available, at the direction of the on-shift crew. They will also be assigned, as necessary, to support the Work Control Center.

3.2.2 Work Control Center

The Work Control Center will be continuously manned during the startup and power ascension. The Center will manage the normal work activities including initial MWR/CR screening and validation, prioritization and scheduling, coordination of clearances and system lineups through the shift schedule, and coordination, scheduling and release of work including PMT. In addition, the Work Center will be augmented by additional staff during the startup and power ascension to assure that planning and scheduling activities are closely coordinated, to provide single point-of-contact for startup testing and PMT, and provide an augmented validation and minor maintenance team (Tiger Team).

3.2.2.1 Work Center Manager

The Work Center Manager is an on-shift management representative of the Maintenance Manager. He is responsible for managing the activities of the Work Control Center, maintenance Tiger Team, Startup Coordinator, and Planning and Scheduling Coordinators. In addition to the normal work management responsibilities, the Work Center Manager has the following additional responsibilities:

- Managing the preparation of the shift startup and power ascension schedule.

- Assuring that the maintenance Tiger Team is coordinated to support the shift crew needs and managing emergent maintenance activities, particularly steam and other fluid

leaks, to assure that plant material condition is not degraded.

- Controlling and confirming all prerequisite activities are complete prior to mode changes and advancing beyond each scheduled power and testing plateau.

3.2.2.2 Tiger Team Manager

During the startup and power ascension period, a Tiger Team will be assembled to provide rapid response to plant material condition issues. The Team will be managed by an on-shift member of operations, maintenance or engineering, and it will have the normal responsibilities of the validators and minor maintenance team assigned to the WCC. The Team will also be augmented with operations, maintenance and engineering personnel to assure that plant material condition is not degraded during the startup.

Maintenance Department craft will be on shift under the Tiger Team Manager to provide support for the following:

- MWR validation.
- Planned maintenance activities on the backshift that can be appropriately completed.
- Pre-planned or required surveillance procedures.
- Emergent issues as deemed necessary by the Shift Supervisor.

3.2.2.3 Planning and Scheduling Coordinator

The Planning and Scheduling Coordinator is assigned from the Planning and Scheduling Department or Maintenance Department. He will have the responsibility for preparing, updating and issuing the startup shift schedules prior to the start of each shift. In addition, he will coordinate all planning activities for emergent work activities to support the Tiger Team work activities and any other backshift activities outside the normal responsibility of the Planning Department on day shift.

3.2.2.4 Milestone Coordinator

This position is manned by an individual holding an SRO License or SRO Certification. His responsibility is to interface closely with the Work Center Manager to assure the proper sequencing and coordination of plant activities to support major schedule milestones. He will assure that sufficient advance planning is coordinated to complete prerequisite activities for the milestones, including post maintenance and surveillance testing. Major milestones include hydrostatic testing, PMT closeout for mode change, and surveillance testing completion for mode changes. Responsibilities include:

- Maintaining a Startup Test File as a subset of the Power Ascension Schedule (Attachment 2).
- Coordinating the performance of test file items with the power ascension schedule.
- Assuring that all required post-maintenance or modification tests to be performed during the startup and power ascension evolution are completed satisfactorily.
- Identifying additional testing of plant systems and components to be performed to provide assurance that safety-related and non-safety related systems will support safe and reliable operations.
- Updating the Planning and Scheduling Coordinator with testing status.
- Informing the Work Control Manager and Management Representative of significant restraints and potential schedule impacts.

3.2.3 Technical Support Manager

The Technical Support Manager will be assigned to control on-shift engineering resources as necessary to support scheduled startup testing activities, resolve emergent operability issues, support the maintenance Tiger Team, and manage necessary reactor engineering tests and control room activities. The Technical Engineering Manager will be a department manager or supervisor from NECD or CNS Engineering.

3.2.3.1 Reactor Engineering

Reactor engineering will provide on-shift support to the control room as necessary and scheduled during the startup. They will be responsible for the conduct of any required physics testing and assigned startup or surveillance tests. In addition, they will be present in the control room to provide oversight of criticality, all control rod movements and power maneuvering.

3.2.3.2 Engineering Support

NECD and CNS Engineering will provide engineering and technical support on shift, as necessary to support scheduled startup and power ascension activities. Their specific assignments include system engineer walkdowns as appropriate during startup and at specified plateaus, direct support of the Tiger Team for material condition walkdowns, close interface with the Shift Supervisor for operability requests, and support for post-maintenance and post design-change testing.

3.2.4 Other Departments

Chemistry, Health Physics, and other support staffing is provided on shift during the startup and power ascension evolution. The personnel are assigned to shift work and are available 24 hours per day in the event of emergent work.

- Health Physics will be available for 24-hour coverage to ensure radiological coverage for emergent work and emergency response.

- Chemistry will provide 24-hour support for the increased number of reactor coolant chemistry samples and any other emergent work.

- Materials Management will provide 24-hour support to respond to the need for materials to support the goal of assuring that the plant material condition is not degraded during the startup.

4. STARTUP READINESS AND MANAGEMENT APPROVALS

This section describes the approval required for startup, the power ascension schedule, and addresses emergent issues. These are described in more detail in the Restart Readiness Program.

4.1 Final System Readiness Reviews

The Final System Readiness Assessment will complement the multi-discipline system walkdowns performed as part of the Phase 1

Performance Improvement Plan. A checklist provides final documentation of reviews on each system by System Engineers to ensure readiness for plant startup. The assessment will be performed and documented, and the assessment results will be presented to the MRC.

4.2 Department Restart Readiness

Department managers will verify readiness for plant startup in accordance with the Restart Readiness Program. Their readiness results will be reviewed by the MRC.

4.3 Site Readiness Assessment

The Restart Readiness Program requires an overall site readiness that consists of a rollup of the various system, program and department assessments. These assessments will be reviewed by the MRC and the Site Manager for development of the final restart recommendation to the VP-Nuclear.

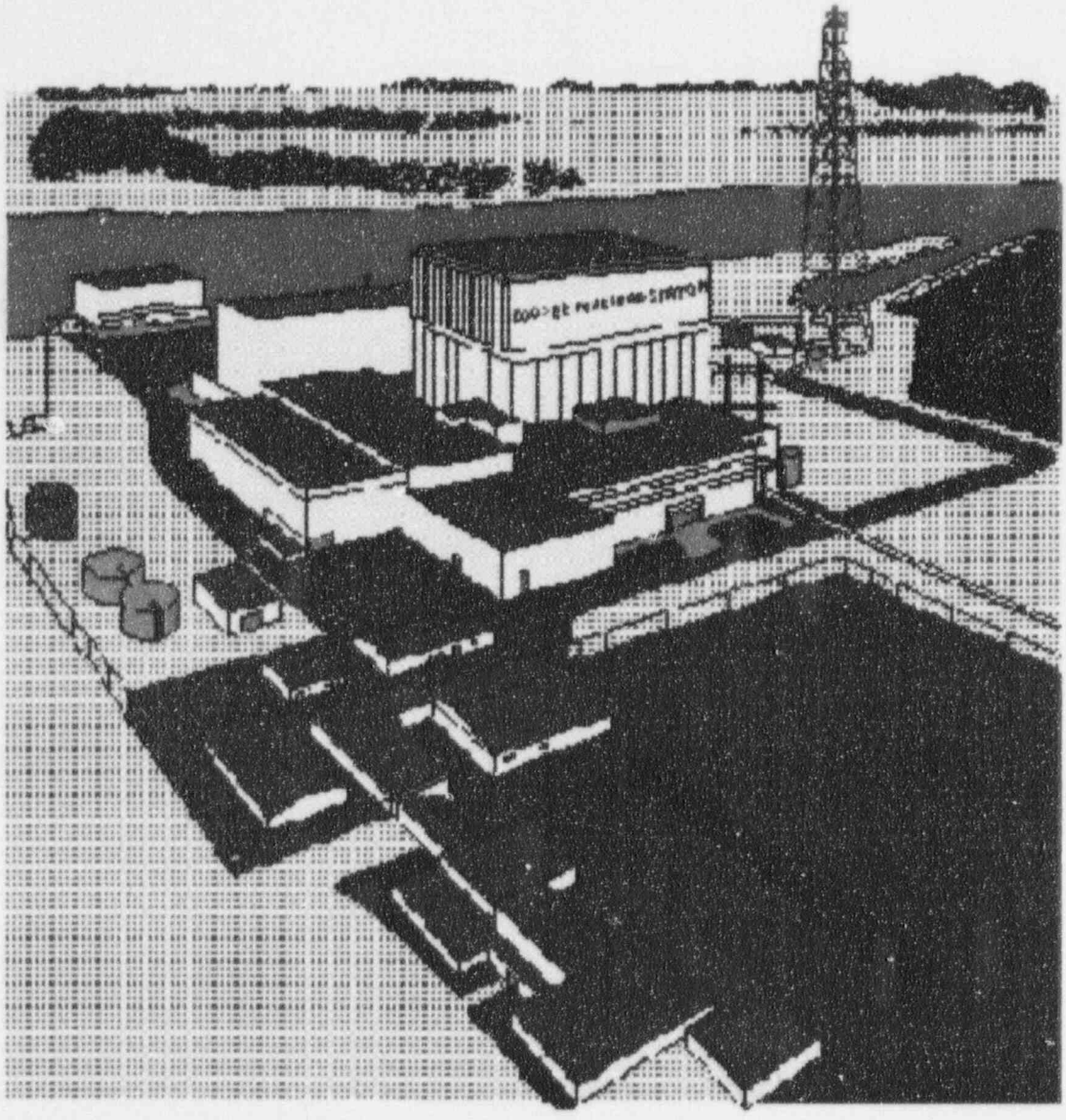
5. POWER ASCENSION OVERVIEW

The Power Ascension Schedule (Attachment 2) is a schedule of the activities performed to progress from cold shutdown to full power operations. It is developed by the Planning and Scheduling Department and is based on procedural requirements, surveillance test and post-maintenance testing requirements. The Power Ascension Schedule begins when approval to commence the startup process has been granted.

The startup and power ascension will be conducted in a controlled and deliberate manner with planned plateaus to support required testing and verification by management that the plant performance is acceptable for proceeding to the next stage of the startup. These as a minimum, the plateaus or review points include heatup to above 200°, prior to criticality, and at the 50% power plateau. Management will review and approve proceeding beyond these points.

The power ascension schedule provides for a specific review prior to exceeding 50% power to conduct a planned shutdown to repair any conditions requiring shutdown conditions. This shutdown is nominally scheduled for a ten-day period.

Nebraska Public Power District
Nuclear Power Group



Restart Readiness Program
Revision 1

A/61

COOPER NUCLEAR STATION

RESTART READINESS PROGRAM

January 20, 1995

(Revision 1)

APPROVED BY:

PLANT MANAGER	**DATE** 1/20/95
SITE MANAGER	**DATE** 1/20/95

INDEX

INDEX (CONT)

APPENDICES

PERFORMANCE IMPROVEMENT PLAN
RESTART READINESS PROGRAM

I. PURPOSE/DESCRIPTION

The purpose of the Restart Readiness Program (RRP) is to document the methodology being used by the Nebraska Public Power District (NPPD) to complete activities necessary to return Cooper Nuclear Station (CNS) to operation following the May 25, 1994, forced outage. The Restart Readiness Program addresses how CNS will utilize Restart Lists, Performance Improvement Plan (PIP) Phase 1 Action Items, Diagnostic Self Assessment Team (DSAT) findings, NRC Special Evaluation Team (SET) Inspection findings, NRC Confirmatory Action Letter (CAL) closeouts, and NRC Restart Panel conclusions regarding activities that will provide an objective basis for restart readiness. The results of each of these efforts are incorporated into final restart readiness determinations. In addition, issues such as plant material condition, miscellaneous hardware deficiencies, and organizational readiness will be assessed and appropriately resolved prior to restart.

The Restart Readiness Program provides a transition from Phase 1 PIP activities to implementation of the Power Ascension Plan. Phase 1 involves a planning process for significant issues that must be addressed prior to plant startup. Many of these significant issues have been identified in documents such as the Diagnostic Self-Assessment Team inspection, NRC Confirmatory Action Letters, open inspection report items, and management self-identified issues. Phase 1 actions were assigned to individual managers who are responsible for ensuring adequate closeout. NPPD considers all Phase I PIP Action Item objectives to be restart issues (see discussions in Section VII of this document and Appendix C). Some Phase 1 PIP Action Items, however, may result in long-term corrective actions that may not be completed prior to restart. These actions will be screened and bases documented for why they do not need to be included on the restart list.

Subsequent to restart, Phases 2 and 3 PIPs will be completed. These activities will ensure continued high quality performance. Phase 2 will address essential management actions that will be completed in the 2-3 month period following plant restart. Phase 3 will address long-term strategic planning. It will provide the framework for managing performance improvement actions that are essential for meeting long-term objectives for safety, production, and economics. This phase will involve activities with planning cycles from one to several years. Phase 3 activities are focused on fundamental improvement strategies and long-term deficiency recurrence control.

II. HISTORY

The following provides a brief chronology of significant events that are relevant to current restart readiness activities. These events have contributed to the basis for why certain restart actions and processes have been deemed necessary and appropriate.

5/25/94	Cooper Nuclear Station (CNS) enters a forced outage as a result of concerns regarding relay operability.
5/26/94	Public meeting at CNS between NPPD and the NRC to discuss Integrated Enhancement Plan.
5/27/94	NRC issues Confirmatory Action Letter (Rev. 0)
6/16/94	NRC issues Confirmatory Action Letter (Rev. 1)
7/1/94	NRC issues Confirmatory Action Letter (Rev. 2)
7/26/94	Power Ascension Plan, Rev. 0 issued
7/25 - 8/19/94	Diagnostic Self-Assessment Team (DSAT) inspection
7/28/94	NPPD Responds to Confirmatory Action Letter (Revs. 0, 1, and 2)
7/29/94	Management Meeting at NRC Headquarters
8/2/94	NRC addendum to Confirmatory Action Letter (Rev. 2)
8/2/94	Power Ascension Plan, Rev. 1 issued.
8/12/94	NPPD responds to Confirmatory Action Letter (Rev. 2 addendum)
8/15/94	NRC Special Evaluation Team inspection begins
8/26/94	Performance improvement briefing for NRC
9/1/94	DSAT Report issued
9/15/94	Nuclear Group Startup Plan (Rev. 1)
9/16/94	Enforcement Conference on CAL-related issues
10/6/94	Phase 1 Plan (Rev. 2)

III. DEFINITIONS

A. Emergent Work

All new work items that occur after Integrated Restart List issuance; and therefore, have yet to be restart screened and scheduled for completion.

B. Integrated Restart List

A detailed list of activities that must be completed prior to restart of CNS.

C. Summary Restart List

A list of restart issues based on Phase 1 Performance Improvement Plan objectives.

D. Open Items

Items that have the potential to affect components, subsystems, or system operations that must be screened, evaluated, and dispositioned. This dispositioning will result in a determination of whether or not the item is required to be resolved prior to restart.

E. Startup Issue

An item assigned to a responsible manager for closeout (prior to plant restart). These issues are maintained on the Summary or Integrated Restart List.

F. Final System Readiness Review

The process whereby System Engineers ensure the readiness of their assigned system by reviewing appropriate documents, restart criteria, field walkdowns, and other outstanding engineering/hardware issues.

G. Department Readiness Review

The process whereby Department Managers ensure the readiness of their area of responsibility by reviewing of items such as performance indicators, organization changes, personnel, and self-assessment of performance results.

H. Licensing Regulatory Closure

Verification by Licensing that all restart actions required by NPPD and the NRC have reasonable documentation and bases.

I. Program Readiness Review

An assessment by department program owners to determine the health and effectiveness of programs owned by that department. The results of this assessment will be incorporated into department readiness affirmations.

J. Site Readiness Review

A final-stage review by the Management Review Committee (MRC) and other senior District managers for restart readiness which involves integrated assessments of system and department readiness reviews in addition to restart list closure, Phase 2 and 3 plans, and other ongoing self-assessments.

K. Performance Improvement Plan

A three phase document that summarizes processes, methodologies, and bases for ensuring that performance at CNS improves.

L. Responsible Manager

The manager who is accountable for ensuring that a restart issue is satisfactorily completed.

M. Critical Systems List

Comprised of those systems that could contribute the greatest to safe and reliable operation of CNS.

N. Focus Programs List

CNS programs that have specific structure and purpose, and have been selected by management as being appropriate for performance monitoring.

IV. RESPONSIBILITIES

A. Site Manager

Principle manager responsible for review, approval, and implementation of the Restart Readiness Program and all revisions thereto.

B. Plant Manager

Principle manager responsible for review, approval, and implementation of the Power Ascension Plan and ensuring prompt revision as necessary.

C. Management Review Committee

A management team composed of the Plant Manager, Senior Manager of Safety Assessment, and Corporate Division Manager of Nuclear Engineering & Construction. The Plant Manager is the Chairman of the MRC. All MRC members are expected to be present during all MRC meetings where restart determinations are made. Exceptions to this expectation may only be granted by the MRC Chairman. The MRC has the primary responsibility for determining that items are appropriate for addition to the restart list, that self-assessments are satisfactory, and that organization performance has been improved to the point that restart of CNS is appropriate.

D. Responsible Manager

Manager accountable for ensuring that the item has been properly assigned and closed-out. The Responsible Manager (or designate) typically will present restart item screening conclusions and the restart item closeout presentation to the MRC.

V. RESTART READINESS PROCESS

The restart readiness process involves the collective review and assessment of events and activities, and associated resolutions to determine if CNS is ready to resume operation. The primary contributor to restart conclusions will be the satisfactory closeout of Phase I Action Items. As discussed herein, Phase 1 Action Item objectives provide the basis for the CNS Summary Restart List. More detailed restart issues are included in the Integrated Restart List. The addition or deletion of a restart item from these lists may occur only with the approval of the MRC. This process is similar to approaches recently used by other nuclear plants with similar deficiencies.

Also providing input into restart readiness decisions is the closeout of several self-assessment initiatives. Restart readiness self-assessments will be performed for critical systems, significant programs, and CNS departments. These self-assessments will utilize the results of Phase I Action Item closeouts as appropriate. The MRC will determine the acceptability of self-assessments and make a site readiness determination. Once it is concluded that the site is ready for restart, implementation of the Power Ascension Plan begins. The Power Ascension Plan provides direction regarding additional restart actions.

VI. PHASE I CLOSEOUT

Closeout of all Phase 1 activities was viewed by CNS management as necessary to demonstrate clearly that sufficient changes have occurred at CNS to address and to prevent recurrence of declining performance. The method of Phase 1 closeout, disposition of Phase 1 findings, and implementation of resultant corrective actions are discussed in Appendix A of this document.

VII. RESTART LIST

As discussed in the Phase 1 Performance Improvement Plan, the process used to identify restart action categories included a review of CAL items (and responses), open items, DSAT issues, SET issues, and NPPD-identified issues. Two levels of restart items exist at CNS. The Phase 1 Plan provides action items that broadly define restart item categories and documents responsible NPPD managers. The list of Phase 1 Action Item objectives is the Summary Restart List. The Summary Restart List is provided as Appendix C to this document. This list has been approved by senior management as the scope of actions that must be completed prior to restart. The second level of restart items, the Integrated Restart List, contains more detailed itemized descriptions of the specific activities that must be completed prior to restart. The Integrated Restart List also must be approved by the Management Review Committee. Approval of additions to these lists is addressed in Section VII.A below and Appendix D. Emergent restart issues will have a focused evaluation to determine whether they should be added to, or deleted from, the Integrated or Summary Lists. These lists are not intended to address routine issues that would normally be required by, for example, technical specifications, previous commitments to the NRC not specifically related to restart, and other activities designated by the Site or Plant Manager. Also, these lists do not include all issues that could be scheduled for completion during the outage. Many outage items may reasonably be rescheduled until post-restart if circumstances do not allow their completion prior to plant startup. See Appendices B and L for a flowchart on how NPPD will address outage work items. The restart categories addressed in the Phase 1 PIP are:

- Independent Oversight and Self-Assessment: roles and responsibility of SRAB, SORC, QA and QC and organizational self-assessment.
- Corrective Action Program, Planning and Performance Monitoring: problem identification, root cause analysis, planning and issue resolution, performance monitoring and follow-up.
- Work Control: identification, tracking, planning and scheduling.
- Design Control and Configuration Management: plant design change control, clearance program, valve lineups, and drawing control.

- Engineering Support: roles, responsibilities, and support to operations and maintenance.
- Plant Testing: IST, surveillance, post-maintenance testing, and preconditioning.
- Operational Experience Review (OER).
- Procedural Control: technical quality, procedure changes, and procedure adherence.
- Additional Management Issues: issues that are not specifically addressed in individual program and process categories.

A. Development of Restart Items List

1. Identification of Restart Items

Restart items generally evolve from material condition issues, ongoing NRC inspections, and NPPD assessment activities. Potential restart items also may evolve from employee input to supervisors, through CNS management's review of Performance Improvement Plan activities, or from other self-assessment or improvement processes. In this light, CNS has developed a Potential Restart Item Form which may be submitted by any NPPD employee (to the MRC) who believes that an item should be evaluated by the MRC for restart implications. Restart Items may be addressed by the MRC individually or as a group. Inclusion or exclusion of a group of items is appropriate only if the activities are similar based on the following factors:

- Safety significance, and
- extent of condition, and
- source (e.g., hardware issues, process issues, maintenance work requests, etc.).

A more detailed discussion of the process used for submittal of this form is provided in Appendix D. Specific restart item identification builds upon the same screening criteria utilized in the Phase 1 Plan. The screening criteria are repeated below for convenience.

Level I Screening Evaluation:

Issues were evaluated to identify potential safety or operability concerns. These issues were automatically categorized as restart items.

Level II Screening Evaluation:

Issues that were not categorized as restart items during the Level I screening evaluation were reassessed to determine if they still should be considered restart items. Satisfying any of the following criteria qualifies the item as a restart item. An event or finding must be categorized as a restart item if the event or finding involves or could reasonably lead to:

- an event, component failure, deficiency, or condition that could result in operation in an LCO Action Statement, or
- failing to perform a required surveillance test or other license requirement or meet a commitment to an outside agency, or
- failure of power production equipment that could result in a plant transient, derating, or plant shutdown, or
- conditions that have resulted in repetitive safety system equipment failures, or
- potential licensing basis deficiencies requiring maintenance to restore to conforming conditions (i.e., deficiencies in safety-related or other qualified equipment, e.g., EQ, Appendix R, or seismic), or
- potential design basis deficiencies, i.e., deficiencies in safety-related equipment or other technical specification equipment not in conformance with the USAR, or
- deficiencies in configuration management programs, processes, engineering analysis codes, or documentation that have, or could have, a reasonable likelihood of affecting equipment operability, or
- conditions that may create an unacceptable potential for an unplanned radioactivity release to the environment or discharge effluent to the environment which is in excess of limits.

B. Development of the Outage Maintenance Schedule

Maintenance work for the current outage is controlled in accordance with an outage schedule that contains maintenance work that must be completed prior to plant restart. In addition to meeting the technical specification requirements for equipment operability, the schedule will contain other maintenance activities that satisfy at least one of the eight Level II startup criteria stated above. Decisions to add hardware items to the approved startup schedule are controlled as described in the flowchart provided in Appendices B and D. These flowcharts describe how potential restart issues are screened and closed-out.

C. Closeout of Restart Items

The following provides a standardized format for addressing Integrated Restart List items.

1. Closeout Documentation

The Responsible Manager for each Summary Restart List item must maintain the master set of documentation for issue closeout. The following closeout process applies to Phase 1 Action Plan items and other significant issues as directed by the MRC. All other issues, e.g., Maintenance Work Requests, Condition Reports, Nuclear Action Item Tracking issues, etc., will be closed using normal station processes. The documentation will be maintained in a binder containing information in the following format:

A. Summary:

- Explain why issue is closed/objectives satisfied.

B. Closeout Actions:

- Actions taken to closeout each Action Plan step.
- Why actions envelope the "extent of condition."

C. Results

- Performance Improvements in general.
- Any measurable indications/examples of improvement.

D. Follow-up Actions

- Actions to ensure continuation of improvements.

Attachments: Supporting documentation verifying closure of each Action Plan step.

1. Index
2. Action Plan
3. Gantt chart with status pages (if appropriate)
4. Support documentation; e.g., QA inspections, procedure changes, cover pages of documents and applicable pages.

Approvals: (signatures)

VIII. SELF-ASSESSMENT

A key to ensuring restart readiness is an effective self-assessment program. Self-assessments will determine the readiness for restart and therefore, better ensure successful subsequent operations. Structured self-assessments will be performed for Department Readiness, Program Readiness, and System Readiness. This is accomplished through the conduct of pre-milestone and periodic management assessments of performance and readiness effectiveness reviews. The collective perspective of the Management Review Committee will provide the necessary focus on critical work activities, synergistic effects, and issues that need to be resolved to support the objectives of the readiness review.

A. OBJECTIVES

Structured self-assessments will be conducted which will achieve the following objectives:

- Ensure that there are effective communications between station management and staff to assure that important issues are well-understood, facilitate teamwork, and instill a continued sense of ownership of the issues and results,
- Ensure that significant performance or other emergent issues identified during the outage are resolved satisfactorily,

- Define a path for continued performance improvement through linkage of assessment results that are appropriate for longer-term resolution in the Phase 2/3 Performance Improvement Plans.

1. Conduct of Self Assessments

Self-assessment at CNS will provide the cornerstone for determining readiness for restart and evaluating the effectiveness of long-term improvement results. It also provides mechanisms for ensuring that momentum gained from processes, management, and culture changes continues. To be effective, self-assessments must be part of an environment that reinforces performance improvement as a way of doing business and must create the change mechanisms that will improve performance and sustain it at a high level.

The MRC will review self-assessments to ensure that the following issues are addressed:

- A vision of required organizational performance, clearly stated and shared by the organization.

- Ownership and accountability by organizational members to achieve the objectives through managed improvement. For example, the Phase 1 Plan assigns responsibility and accountability to action plan managers for completion of necessary improvement activities.

- A value system that promotes the proactive identification and correction of problems by empowered individuals. The management team provides management expectations and guidance necessary to ensure that managers can succeed.

- A focus on operational readiness by using performance criteria established to measure assessment results. This is provided by the restart performance measures developed in the Phase 1 Plan and readiness review criteria.

a. System Restart Readiness

- Prior to restart, each responsible system engineer will review the status of each system as indicated in Appendix E and will affirm restart readiness of the system to support safe and reliable restart and full power operation. The objective is to assess collectively and document system readiness from a hardware standpoint, to support management restart decisions, to reinforce ownership for system performance and improvement with system

engineers, and to lay the foundation for post-restart work/improvement prioritization. Appendix E provides a list of systems that must go through the System Restart Readiness process, summarizes applicable criteria, and provides the form that will be used.

As discussed in the Phase 1 Plan, the process requires both an initial multi-disciplined assessment of system status and a final assessment and affirmation (signature) by the System Engineer prior to restart (see Appendix E). Incomplete activities at the time of the final system readiness assessment will be identified to the MRC and their impact on restart determined. The System Engineer must prioritize those remaining items and determine whether inclusion into the Phase 2 or Phase 3 Plan is appropriate. Technical specification systems will be verified operable before entry into a mode where they are required to be operable.

- Walkdowns will be conducted to assess material condition. Specific emphasis will be placed on systems that are safety significant and important to plant reliability. Walkdowns at system operating temperature and pressure will be conducted as appropriate to confirm appropriate system restoration.

- System engineers will confirm the material condition of the system; the completion of walkdowns; the completion of the review of information related to significant recurring or repetitive equipment problems; development, implementation, and completeness of actions to address them; and the establishment of compensatory measures (as appropriate) for post-restart items/issues.

- System readiness assessments will be reviewed by the system engineer's supervisor, SORC, and the MRC as indicated in Appendix E. System readiness affirmations also will provide input into department readiness affirmations discussed in Section VIII.A.2.h below, and into the overall Management Review Committee's assessment of site readiness.

b. Department Restart Readiness

- Prior to restart, managers responsible for each major functional department indicated in Appendix F will affirm restart readiness of that department's ability to support an error-free startup and safe and reliable operations. This will ensure department completion of assigned restart actions; ensure that programs, processes, organization, and personnel/management capability are sufficient to support safe and reliable operation; ensure that post-restart work and improvement efforts are sufficiently defined, prioritized, scheduled, and controlled; and ensure that appropriate post-restart assessments and monitoring processes are in place.

- This assessment process is complementary to the individual program assessments described in Section VIII.A.2.i of this program. The process for conducting these departmental assessments incorporates input from program assessments under the department's responsibility and other assessment areas. Other areas include completion of assigned restart actions, organization, personnel and management capability, post-restart work and improvement efforts, and post-restart assessment and monitoring processes.

- Final department and program readiness affirmations will be presented by the assigned manager to the Management Review Committee. The compilation of these reviews form one of the principal bases for determining the station's readiness for restart.

- The checklist to be used by department managers to complete the self assessment of their departments prior to restart also is provided in Appendix F. This checklist is open-ended in that the questions for each principal area of assessment are intended to be explored to the extent necessary to determine that the affected area is acceptable for supporting the startup objectives and, as appropriate, that additional improvement actions are identified for post-startup implementation. Some of the actions specified and areas to be reviewed are not applicable to all departments (e.g., startup shift staffing), and should be disregarded if not applicable.

c. **Program Readiness Assessments**

Specific guidance for program restart assessments was provided in a December 9, 1994, memorandum to Program Managers. A general description of this guidance is provided below.

- Program owners will assess the health and effectiveness of programs owned by that department. The results of this assessment will be incorporated into the department readiness affirmations.

  Past problems with programs at CNS resulted, in part, from unclear ownership, process control weaknesses, and technical program inadequacies. This program assessment is an important element of CNS performance improvement in that each program owner must establish clear accountability and responsibility for his/her programs. To ensure a consistent, thorough method of assessing site programs, specific assessment guidance has been developed (see Appendix H). This guidance and the list of programs that will be assessed are provided in Appendix H.

- Program owners are expected to provide periodic summaries of identified program weaknesses from internal and/or external evaluations, trending, and corrective action documents. Results of these assessments should be documented and recommended actions will be evaluated by the MRC for restart implications and/or appropriate long-term enhancements.

d. **Site Readiness Assessment**

- The overall site readiness assessment will consist of a "program rollup" of several interfacing and overlapping inputs. These include the system and department readiness affirmations described above, the closeout/disposition of all restart list items, the review of organization and personnel adequacy and other input from personnel and management. See Appendix I.

- The MRC will review and evaluate both the individual inputs and the rollup of these inputs and provide, in consultation with the Site Manager, a recommendation to the Vice-President Nuclear for restart authorization. The MRC readiness assessment will be completed before initial mode change. Preliminary or intermediate assessments will be conducted as determined appropriate by the MRC, SORC, the Site Manager, or the Vice-President Nuclear. The SRAB also may review site readiness for initial mode change as it deems appropriate.

- A Power Ascension Plan has been prepared and approved by senior CNS management. This document provides specific requirements for startup management, preparing plant hardware, and methodologies that will be used during the actual startup process.

3. Review of Self-Assessment Results

The review of the results of the management self-assessments to assure that organizational performance meets expectations for plant restart will be performed by the MRC. This review provides the vehicle for establishing and reinforcing expectations with assigned managers, receiving feedback on organizational performance results, and obtaining early feedback on corrective action for performance deficiencies or emergent issues that may impact performance results.

The schedule for the completion of assessments and presentations to the MRC will be controlled by the Phase 1 Project Manager or designate. This individual will ensure that review briefings are scheduled, assist in clarifying assessment processes and requirements, and track and assign further assessments (or other actions) which may evolve from management review of the results.

IX. QA OVERSIGHT

Independent oversight of the Restart Readiness Program will be conducted by the Quality Assurance Division through assessments of selected Phase 1 Action Plans, scheduled audits, and specific evaluations of significant emerging issues. Audits in progress and scheduled will emphasize evaluation of identified and potential areas of weakness within the scope of the respective audit. Assessments and surveillance activities will be planned and implemented to focus on evaluation of field performance and operational activities executed to correct identified deficiencies and prepare the plant for return to safe power operation.

APPENDIX A - PHASE 1 CLOSEOUT

NUCLEAR POWER GROUP PHASE 1 PLAN CLOSEOUT REPORT

PURPOSE AND SCOPE

NUCLEAR POWER GROUP
PHASE 1 PLAN CLOSEOUT REPORT
PURPOSE AND SCOPE

The purpose of the Nuclear Power Group Phase 1 Plan Closeout Report ("Closeout Report") is to identify and summarize the actions that have been taken at Cooper Nuclear Station (CNS) to resolve the issues identified in the Phase 1 Plan. The Phase 1 planning process involved a comprehensive evaluation of issues identified in numerous sources including NRC enforcement actions, the Diagnostic Self Assessment Team (DSAT) Report, the Confirmatory Action Letter (CAL), and issues self-identified by CNS management. Based on a comprehensive evaluation and screening of the issues identified in these various documents, the Startup Plan Team responsible for development of the Phase 1 Plan identified the subset of management, program/process, and material condition issues that required resolution prior to startup. The Phase 1 issues are addressed in the Plan's three constituent parts: (1) the Phase 1 Action Plans; (2) Material Condition Items; and, (3) the Phase I Action Item List. Lists of the three sets of issues are included in Enclosures 1, 2, and 3, below.

The Closeout Report will assess the effectiveness of the actions undertaken at CNS to closeout each of the issues addressed in the Phase 1 Plan. In sum, the purpose of the assessment is to determine whether the issues set forth in the Phase 1 Action Plans, list of material condition items, and Phase 1 Action Item List have been effectively addressed -- or remain barriers to safe plant restart. In addition, the assessment will gauge whether actions have been taken to clearly communicate management's expectations regarding the Phase 1 improvement initiatives.

The Closeout Report will be structured first, to describe the purpose, development, and scope of the Phase 1 Plan. An assessment of the actions taken at CNS to closeout the issues set forth in each part of the Phase 1 Plan will be summarized in the Closeout Report. A more detailed, issue-by-issue explanation of the actions taken to close out the Phase 1 issues included in the Action Plans, List of Material Condition Items, and Action Item Lists will be available in matrices found in Appendices A, B, and C of the Closeout Report. In addition, closure packages for each of the Phase 1 Action Plans -- containing documentation verifying closure of each action plan step -- will be available for review at CNS.

ENCLOSURE 1

PHASE 1 ACTION PLAN

Action Plan ID #	Issue
1.1	Revise the SRAB Charter; Address Member Independence and Revise Membership
1.2	Improve SORC Effectiveness
1.3	Independent Assessment of Startup Action Plan, Confirmatory Action Letter, and Condition Reports
1.4	Quality Control
2.1	Corrective Action
2.2	Departmental Performance Indicator Goals/Monitoring
3.1	Establish and Implement a Plan for Integrated Work control, planning, and Scheduling
3.2	Implement Effective LCO Tracking and Work Coordination Interface System
4.1	Plant Configuration Verification (1 of 2)
4.1	Plant Configuration Verification (2 of 2)
4.2	Identify and Review Priority Vendor Manuals

4.3	NED Review of Procedures and DCNs to Ensure Configuration Control
4.4	Efficient Resolution of Design-Basis Questions
4.5	Surveillance Procedure Adequacy
4.6	SORC Approved MWRs and Subsequent Design Changes
4.7	Inadequate Calculation Control Prior to Implementation
4.8	Multi-discipline Team System Reviews
5.1	Improve NED Site Support during Startup and Power Ascension (S/PA)
5.2	OD/OE Review
6.1	Pre-Conditioning
6.2	IST and Surveillance Testing
7.1	Startup Experience Following Extended Outages
7.2	Open OERs
7.3	Reactor Vessel Thermal Transient
8.1	Develop Procedure Hierarchy to Identify Controlling Procedures
8.2	Special Instructions

8.3	Screen Backlog of Procedure Changes for Significant Items for Startup
8.4	ADAM Changes
8.5	Method for Handling Surveillance Test LCOs Without Allowed Outage Times
9.1	Resolve the Lack of Program Ownership in the NPG
9.2	Nuclear Safety Awareness
9.3	Management Observations - Field Coaching Team Plus Management Observations
9.4	Industrial Safety
9.5	Licensing Submittals

ENCLOSURE 2

MATERIAL CONDITION ISSUES

The following list of material condition issues can be found in Appendix B of the Phase 1 Action Plan:

- Service Water switches plugging with silt.
- Low pegging of RHR HX divider plate indicators due to plugging.
- 111 Type 2 and 827 Type 4 open items; 2400 discrepancies unresolved (tagging, labeling, physical repairs,procedure revisions).
- Tygon tube "gutter" to address leak around flanged connection on "A" RHR HX.
- RHR pump 1B failure to achieve reference value for number of test (e.g., Dp @ 10 psi short of reference value).
- Cause of shutdown cooling isolations was leakage past pump minimum flow valve that indicated closed but was not fully seated.
- Caution tag informing operators that operation of DGSA-V-37 or -38 with failing PCV could overpressurize DG H&V air piping.
- Unexpected opening of HPCI pump minimum flow valve during surveillance testing at full power (1/19/94).
- Leakage past seat in Vessel level injection valve NBI-SOV-738/739; isolation of NBI-V-577A/B.
- Control switch for main turbine bearing lift pump is in manual to prevent operation while the speed input to its control circuit is erratic.
- 200 gpm leakage by the seat of the B RFP minimum flow valve, which is kept isolated as a result.
- Due to leakage by the seat of the demin water LCV, it is isolated. This requires operators to manually open DW-34 prior to starting the Mechanical Vacuum Pump from the MCR.

- Caution tag guidance not to bias RFC-MA-84A/B positive due to causing RFPs not to go into track and hold following a scram (93-02).
- Monitoring of potential erosion of portion of RHR system not established as required by modifications made to flow trim on valves MO-27A/B and 34A/B.
- Leakage in REC piping not adequately monitored.
- Installation of SCRAM discharge level transmitters with improper bolting.
- During B Loop shutdown cooling, flow turbulence caused "chugging" sounds in vicinity of HX bypass valve, RHR-MO-66B.
- Failure to test or maintain essential relays on a regular basis, including 18 ground detection relays (50G) on 4160V buses 1F and 1G and Emergency Transformer overvoltage relays.
- Two overhead troughs outside MVP room have drain hoses that end outside sump barriers, creating potential for pooling in corridor.
- Possible cavitation noise at water box south of downstream of RF-28MV.
- Excessive failures of LLRTs on one valve without apparent root cause or detailed evaluation.
- Approximately 250 terminations require repair.
- Work to replace exhaust manifold on #2 DG was not in accordance with vendor specifications.
- Contrary to vendor specifications, bolts on "A" SWP coupling were not tightened with a torque wrench, bolting was not cleaned and lubricated prior to assembly, and tightening pattern was not used by work crew.
- Work performed on MWR 94-4203 and MWR 94-2923 (8/2/94) to set impeller clearance on "A" service water pump not in accordance with vendor specifications.
- Fuel pump (5L, #2 D/G) replaced using special instruction that did not include torquing of bolts.

- Degraded condition of MO39B RHR MOV is not identified in the MWR system. Operability Determination No. 94-50 identifies installation of 250V control relay in place of 125V control relay for Auxiliary oil pump on HPCI pump.

- Operability Determination No. 94-58 identifies installation of an undersized relief valve on the EDG starting air system (DGSA-RV-15RV).

- Operability Determination No. 94-63 identifies that various check valves installed in the NBI, RCIC, RR, MS, and HPCI were not supplied safety-related.

- Operability Determination No. 94-77 identifies lockwashers used on RHR pump motors A,B,C, and D were supplied commercial grade on an essential purchase order and may not be qualified for use.

- The plant's corrective action did not include checking other motor boltings on the three remaining RHR pump motors.

ENCLOSURE 3

PHASE 1 PLAN ACTION ITEM LIST

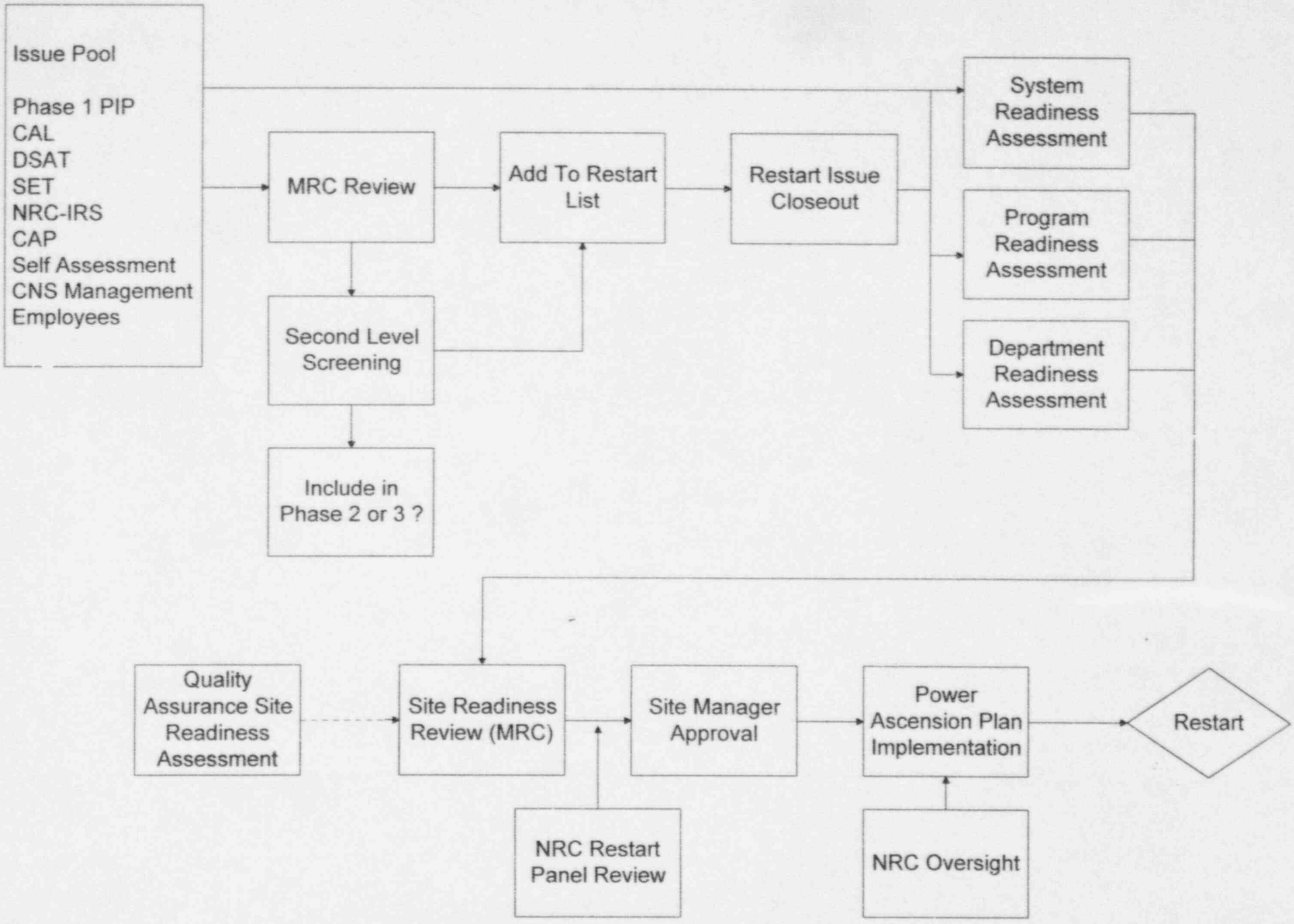
The following items are delineated in Appendix A of the Phase 1 Plan:

- Determine whether control of spare parts for safety classification is a startup issue.
- Submit letter to NRC to clarify MOV testing schedule.
- Resolve CS-5A maintenance and testing commitments.
- Complete OER review and determine generic implications.
- Resolve recommendations from MWR Maintenance Work Practices Review.
- Determine whether action is necessary prior to startup for the "design change correcting the problem" issue.
- Evaluate the power ascension plan for integration with Phase 1 Plan, including establishing management expectations (e.g., for error-free startup).
- Determine whether action is necessary to ensure technical adequacy of design changes.
- Ensure that specific issues are addressed in revised clearance order program: (1) non-operators operating equipment; (2) pull-to-lock protection use; (3) overriding danger tags; and, (4) independent verification.

APPENDIX B - RESTART READINESS PROCESS FLOW CHART

Appendix B

CNS READINESS REVIEW PROGRAM



APPENDIX C - SUMMARY RESTART LIST

COOPER NUCLEAR STATION

SUMMARY RESTART LIST

The following provides the CNS Summary Restart List. This list addresses broad actions that must be completed prior to restart. They are the framework for the Phase 1 Performance Improvement Plan. A more detailed list, the Integrated Restart List, provides a detailed listing of specific activities that must be completed prior to CNS restart.

1. **Revise the SRAB charter; address member independence and revise membership**

   Ensure SRAB procedures and membership provide effective independent review, audit and oversight of NPG activities to ensure Cooper Nuclear Station is safely operated and maintained. Changes must ensure SRAB is self-critical and challenges line management.

2. **Improve SORC effectiveness**

   Improve independent oversight ability of SORC to ensure that an appropriate review is performed for all proposed additions, deletions, and changes to safety-related activities.

   Enhance the process utilized by SORC to ensure sufficient independent oversight is maintained.

3. **Independent Assessment of Startup Action Plan, Confirmatory Action Letter, Condition Reports**

   To conduct the independent assessments as described above and provide timely reporting of results as appropriate. To ensure a quality startup plan and that significant issues are appropriately addressed prior to startup.

4. **Quality Control**

   1. Provide increased consistency in the application of QC requirements.

   2. Provide increased QC inspection for additional activities.

   3. Impose limitations on the amount of persons reviewing and specifying QC requirements.

4. Coach/counsel QC personnel on new program requirements.

5. **Corrective Action**

Use the dedicated Corrective Action Program group to provide clear management of the program and establish a self-critical root cause culture at CNS which ensures rigorous investigation and effective correction of all conditions adverse to quality.

6. **Departmental Performance Indicator Goals/Monitoring**

To develop management tools to obtain and monitor challenging goals for key station performance indicators.

7. **Establish and implement a plan for integrated work control, planning, and scheduling**

Correct existing deficiencies in work package content, work coordination, and daily scheduling through implementation of a work process improvement plan.

8. **Implement effective LCO tracking and work coordination interface system**

Improve tracking of technical specifications-related equipment that is out of service to limit challenges to safety systems caused by work coordination problems.

9. **Plant Configuration Verification (1 of 2)**

Determine if the standby alignment of the plant safety systems is properly specified such that, if called upon to automatically initiate, the systems will meet their design objectives.

10. **Plant Configuration Verification (2 of 2)**

Perform valve, switch, breaker, and damper lineup walkdown and initiate corrective action for discrepancies.

11. **Identify and Review Priority Vendor Manuals**

Determine if the backlogged safety-related vendor manuals/vendor manual changes and certain non-safety related vendor manuals/vendor manual changes have recommended PMs that should be addressed prior to startup.

12. **NED review of procedures and DCNs to ensure Configuration Control**

Provide mechanisms for assuring that changes to configurations reflect station design. This includes strengthening review of drawing changes and specific procedures.

13. **Efficient Resolution of Design-Basis Questions**

Provide a more efficient method of responding to design basis questions and identifying design basis information and upgrade the quality, detail and accuracy of 10CFR50.59 evaluations before they are submitted to SORC for review and approval.

14. **Surveillance Procedure Adequacy**

Complete surveillance procedure validation for CSCS and RPS.

15. **SORC Approved MWRs and Subsequent Design Changes**

Provide added assurance that SORC approved MWRs used to implement modifications receive a higher level technical review to guard against design deficiencies or violation of design basis.

16. **Inadequate Calculation Control Prior to Implementation**

Ensure calculations that are approved prior to the associated field modification/implementation are appropriately identified.

17. **Multi-discipline Team System Reviews**

Complete multi-discipline review of all open items and conduct walkdowns for the RHR and SBGT systems. Revise system checklist for walkdowns and conduct multi-discipline reviews of all critical systems prior to startup.

18. **Improve NED Site Support during Startup and Power Ascensi**

Provide a coordinated review of the NED/CNS Engineering functions and interfaces related to startup and power ascension, and develop an upgraded interface agreement better defining work function, and responsibilities

Provide augmented NED on-site support for CNS startup and power ascension activities.

19. **OD/OE Review**

Review ODs and OEs for degraded and nonconforming conditions that currently exist and assess startup significance.

20. **Pre-Conditioning**

Complete resolution of the CAL pre-conditioning issues.

21. **IST and Surveillance Testing**

1. Verify IST program scope and testing adequacy by constructing the basis for component IST requirements and identifying discrepancies.

2. Conduct an evaluation of [types and numbers of] surveillance tests performed to determine program adequacy.

22. **Startup Experience Following Extended Outages**

Conduct special operating experience search for startup issues following long shutdown.

23. **Open OERs**

Evaluate current open OERs for startup significance.

24. **Reactor Vessel Thermal Transient**

Review the reactor vessel and attached piping thermal transients and determine that the thermal fatigue limits have not been exceeded and assure margin adequate for further operation exists.

25. **Develop procedure hierarchy to identify controlling procedures**

Identify all procedures which control and take precedence over other procedures. Screen lower level procedures for compliance with controlling procedures.

26. **Special Instructions**

Develop procedural controls and methods that ensure work performed using Special Instructions is performed at a quality and safety level consistent with that of existing SORC approved procedures.

27. **Screen backlog of procedure changes for significant items for start-up**

Identify all in-process procedure changes requiring approval prior to start-up or early in start-up sequence and ensure entry into tracking system.

28. **ADAM Changes**

Purge ADAM (class "B" model, as defined in NUREG 0654) of all reference to dose, dose rate and any use there of for determination of PARs.

29. **Method for handling surveillance test LCOs without allowed outage times**

Provide administrative controls for allowed out-of-service times for Technical Specification surveillances.

30. **Resolve the lack of program ownership in the NPG**

Establish effective ownership for programs which affect reactor safety.

31. **Nuclear Safety Awareness**

Strengthen the NPG nuclear safety culture and establish high standards of safe, reliable nuclear plant operation.

32. **Management Observations - Field Coaching Team Plus Management** Observations

Increase Management and Supervisory involvement in the field in order to:

1. Assess station material conditions
2. Assess compliance with established radiological and industrial safety work practices
3. Assess compliance with station work documents
4. Coach and mentor personnel in the field
5. Re-enforce management's expectations and standards in the field
6. Improve organization communication channels

33. **Industrial Safety**

One of the major objectives of the District is to protect its employees and the public from accidents. Whenever economically possible, the District will eliminate hazards from employee work areas. However, where hazards cannot be economically removed, it becomes the responsibility of each supervisor and employee to recognize these hazards and deal with them in a manner that will prevent accidents.

34. **Licensing Submittals**

Development of internal procedures and practices that assure that all licensing submittals contain accurate information and that all commitment made to external agencies are completed on time.

APPENDIX D - POTENTIAL RESTART ITEM EVALUATION FORM

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

RESTART WORK ITEM ADDITION BASIS CHECKLIST

RESTART ITEM IDENTIFIER: _____

Check the basis for adding the item to the Restart List. The absence of a mark indicates that the item should not be added to the Restart List. If no criterion is satisfied, this form still must be completed and signed by the Responsible Manager.

Level I Screening Evaluation:

____ Issues were evaluated to identify potential safety or operability concerns. These issues were automatically categorized as restart items.

Level II Screening Evaluation:

Issues that were not categorized as restart items during the Level I screening evaluation must be reassessed to determine if there are other reasons for considering them restart items. Satisfying any of the following criteria qualifies the item as a restart item.

If an event or finding involves or could reasonably lead to:

____ an event, component failure, deficiency or condition that could result in operation in a LCO Action Statement, or

____ failing to perform a required surveillance test or other license requirement or meet a commitment to an outside agency, or

____ failure of power production equipment that could result in a plant transient, derating, or plant shutdown, or

____ conditions that have resulted in repetitive safety system equipment failures, or

____ potential licensing basis deficiencies requiring maintenance to restore conforming conditions (i.e., deficiencies in safety-related or other qualified equipment, e.g., EQ, Appendix R, or seismic), or

____ potential design basis deficiencies, i.e., deficiencies in safety-related equipment or other technical specification equipment not in conformance with the CNS USAR, or

____ deficiencies in configuration management programs, processes, engineering analysis codes, or documentation that have, or could have, a reasonable likelihood of affecting equipment operability, or

____ conditions that may create an unacceptable potential for an unplanned radioactivity release to the environment or discharge effluent to the environment which is in excess of regulatory limits.

Based on the above, the issue should____/should not____ be added to the Restart List.

_____ _____

Screened By Date

_____ _____

Responsible Manager Signature Date

RESTART WORK ITEM ADDITION/DELETION FORM

Retain____ Add____ Delete____

RESTART ITEM IDENTIFICATION: (RESTART LIST#, WORK DOC.#, SYS, ETC.)	RESTART ITEM OWNER
	ADDITION/DELETION INITIATOR

ITEM/WORK DESCRIPTION:

REASON FOR ADDITION/DELETION:

EVALUATION:

Cognizant System
Engineer/Supervisor Signature_____ Date_____

-or-

Cognizant Manager Signature_____ Date_____

MANAGEMENT REVIEW COMMITTEE (MRC) APPROVAL

MRC Approval Signature_____ Date_____

For Group items, list all applicable documents:

APPENDIX E - SYSTEM READINESS ASSESSMENT

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

SYSTEM READINESS ASSESSMENT

The following activities will occur as part of the final stage system readiness reviews.

Final System Readiness review (See attached form)

1. The System Engineer will review and affirm that for the subject focus system:

   a. The system readiness review is complete with any concerns resolved.

   b. System Engineer material condition walkdowns on focus systems are complete.

   c. Emergent items since completion of Rev. 0 of the Restart List have been properly dispositioned as restart or non-restart.

   d. Reviews of information related to recurring equipment/system problems (adverse trends) have been completed and a plan to address open items is in place - compensatory measures have been established, as appropriate.

2. Engineering Manager, Plant Manager and Site Manager approval have been obtained.

FINAL SYSTEM READINESS REVIEW CHECKLIST

SYSTEM NAME: _____ **SYSTEM ENGINEER** _____

SYSTEM ENGINEER REVIEW SUMMARY (The System Engineer shall initial each item below to confirm that reviews are complete.)

_____ All multi-discipline review items have been dispositioned.

_____ Identify and disposition items that have emerged since the most recent multi-disciplined review.

_____ MRC-approved restart items have been completed or appropriately dispositioned.

_____ Identify system MWR and CR backlogs and address/discuss cumulative effects.

_____ Perform final system walkdown to EOI 93-01.

_____ Document results and initiate process to followup on significant findings.

REMARKS (The System Engineer can provide any additional relevant information deemed necessary to provide a complete summary of system readiness -- provide continuation sheets as necessary.)

_____

_____

_____

_____

_____

_____

_____

ENGINEERING MANAGEMENT REVIEW & APPROVALS

Supervisor Signature _____ Date _____

Engineering Mgr. Signature _____ Date _____

COMMENTS:

_____

_____

_____

_____

MANAGEMENT REVIEW COMMITTEE (MRC) APPROVAL

_____ _____

MRC Chairman Date

Critical System List

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

Critical Systems List

1. Service Water
2. Control Rod Drive
3. Core Spray
4. Electrical Equipment
5. Residual Heat Removal
6. Reactor Core Isolation Cooling
7. Primary Containment
8. Main Steam
9. Diesel Generator
10. High Pressure Coolant Injection
11. Nuclear Boiler Instrumentation
12. Instrument Air
13. Standby Gas Treatment
14. Reactor Equipment Cooling
15. Primary Containment Isolation System
16. Reactor Protection System
17. Heating & Ventilation (Essential)
18. Standby Liquid Control
19. Neutron Monitoring
20. Automatic Depressurization
21. Radiation Monitoring
22. Turbine Generator Controls
23. Switchyard

APPENDIX F - DEPARTMENT READINESS ASSESSMENT

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

Department Restart Readiness Assessment

Departments in the General Office and at CNS will conduct an assessment of actions needed to support department readiness for restart, addressing areas indicated below. Readiness will address both hardware and software considerations for restart and beyond. The overall objective of this effort is not just to ready the plant and site for a moment in time, but to lay the foundation to carry CNS forward with effective operations beyond restart.

Applicability

- Site Manager direct reports and their direct reports.
  - Plant Manager
    - Manager, Engineering
    - Manager, Operations
    - Manager, Maintenance
    - Manager, Radiological
    - Manager, Scheduling
  - Senior Manager of Safety Assessment
    - Manager, Licensing
    - Manager, Events Analysis
    - Manager, Nuclear Safety Support
  - Senior Manager of Site Support
    - Manager, Emergency Preparedness
    - Supervisor, Security
    - Manager, Site Services
    - Manager, Nuclear Training

- Corporate Division Manager of Nuclear Engineering and Construction
  - Division Manager, Nuclear Engineering and Construction
    - Manager, Nuclear Engineering
    - Manager, Engineering Support

RESTART READINESS PROGRAM

DEPARTMENT READINESS ASSESSMENT

Department: _____

Department Manager: _____

IRG Review: _____

MRC Approved: _____

_____ _____

DEPARTMENT RESTART READINESS ASSESSMENT CHECKLIST

___ Assess the current management and organizational structure. Assure that the organizational responsibilities, functions and interfaces are adequately defined, necessary training is completed, and appropriate communication of startup objectives, Restart Readiness Program and the Startup and Power Ascension Plan has occurred. Determine if there are any changes required to support startup. Describe long-term plans for organizational improvement.

___ Assess the backlog of outstanding commitments to assure that startup objectives can be met. Assure that all assigned restart items have been verified as completed.

___ Complete the review and evaluation of the program assessments assigned to your department. In the aggregate, determine if there are any deficiencies or other performance results from the program assessments that would prevent achieving the startup objectives.

___ Review past performance trends from an assessment of the corrective action program results. Review open and closed condition reports that are associated with the department and assess their generic implications on performance as it might relate to achieving the startup objectives. Determine if the condition report backlog has been correctly characterized and is being managed to closure in a timely manner.

___ If applicable, assess the adequacy of shift staffing plans to support the Startup and Power Ascension Plan.

___ Determine the current workload and management capability. Determine if the post-restart workload is adequately characterized, prioritized and scheduled. Determine if appropriate performance monitoring processes are in place and periodic assessment established.

___ Describe any longer-term, departmental improvement actions. Describe plans for conducting post-restart assessments.

___ Who are the "customers" of the department? What mechanisms are in place to assess how effectively the department is meeting its needs. By polling department "customers," determine how effective these mechanisms are in providing feedback (i.e., what do customers say versus that the feedback mechanisms are saying). What enhancements are planned to improve inter-departmental communications with customers.

DEPARTMENT ASSESSMENT READINESS CHECKLIST (cont)

Specific organizations are to include in their self assessments the following activities to support startup as indicated:

Operations

___ Evaluate the adequacy of surveillance test scheduling to ensure there are adequate checks, responsibility assignments, and controls such that all required surveillance tests are completed.

___ Ensure that the startup schedule is available and reasonably sequences activities necessary to support plant startup.

___ Assess outstanding equipment clearances to ensure that there are no outstanding operability issues.

___ Evaluate the nature and extent of any operations issues, including a backlog review of maintenance, engineering, and temporary modifications. Evaluate the potential for these to impact the objective of an error-free start-up.

Maintenance

___ Evaluate post-maintenance tests, plans and schedules to ensure that tests are completed successfully during startup.

Events Analysis

___ Determine the status and acceptability of operating experience review for any unresolved SOER and OER issues.

Licensing

___ Review the outstanding external commitment assessment results to determine that all appropriate items have been resolved.

Training and Operations

___ Evaluate simulator training results for operating crews for startup.

Attach this checklist (completed) to the Department Restart Readiness Management Verification form (attached).

APPENDIX G - LICENSING READINESS

LICENSING REGULATORY CLOSURE AFFIRMATION

1. The Licensing Manager shall ensure that reasonable documentation exists to verify completion of all restart actions agreed upon between the NRC and NPPD.

2. The open license tracking items have been reviewed and determined acceptable for startup.

3. All open commitments to outside regulatory agencies have been reviewed and determined to be acceptable for startup.

Exceptions:

_____

Licensing Manager

_____

MRC Approval

APPENDIX H - PROGRAM READINESS ASSESSMENT

RESTART READINESS PROGRAM

PROGRAM READINESS ASSESSMENT

Program: _____

Program Owner: _____

Program Manager: _____

Program ID Number: _____

Independent Review Group Recommendation:

- ☐ **Requires Restart Assessment**
- ☐ **Requires Post-Restart Assessment**
- ☐ **Acceptable At This Time**

IRG Reviewer: _____

_____ _____

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

INITIAL PROGRAM ASSESSMENT & SCREENING

PROGRAM:_____ OWNER:_____

When completing the initial program self-assessment screening or the more detailed self-assessment, it is important to provide the appropriate level of information. One word answers are inadequate, and pages of detailed descriptions are unnecessary and not required. The following paragraphs are intended to provide the program owner with sufficient guidance for the program review documentation. Throughout the self-assessment processes, emphasis should be placed on program impact on CNS restart criteria. Obviously, the expectation is that all CNS programs will eventually achieve and maintain a recognized level of excellence. However, the first step in meeting that objective is to recognize current deficiencies and prioritize actions to address the problems uncovered. The program review process will help in identifying the deficiencies, focusing on the impact to CNS restart will assist in establishing the priorities.

If the conclusion reached by the program owner is that the program status supports CNS restart, substantiated by the logic and rationale associated with the answers to the following questions, the program will not need a more in-depth self-assessment process outlined in the following discussion. The program will be reviewed by the Management Review Committee to validate the status and assure adequacy to support restart.

The program manager should document the conclusions from the assessment in the format of the following individual sections. The completed assessments will be retained by CNS as appropriate for review and assessment by QA and the NRC.

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

INITIAL PROGRAM ASSESSMENT AND SCREENING

A. Describe the Program and Scope.

Why is the program in existence? Is the program mandated by regulation? Is it referenced or found in Technical Specifications, USAR or other licensing base documents? If the program isn't based on regulation, what is the basis for its existence? The important aspect is for the owner to understand the overall purpose of the program and have the ability to articulate that understanding in the terms of describing the primary objective or mission of the program.

Explain the program impact on nuclear safety. Does the program have a regulatory compliance impact? Explain how the program impacts operations. Those programs with strong ties to plant operation should receive increased attention and scrutiny. In answering this question, the impact on plant reliability should be considered.

Describe the changes in the program, including those resulting from the Phase I Performance Improvement Plan, DSAT, SET, or other evaluations.

B. Describe the performance indicators for the program.

How is the success of the program measured? What data and performance indicators are available? Are they consistent with industry standards? Are the indicators complete and comprehensive, i.e., do they provide the true picture of program performance? How are these performance indicators used to determine the status of the program? Consider recent trends. Describe any actions taken based on the information and analysis associated with performance indicators? What type of feedback loops have been constructed to assure the actions taken are effective? (Questions C through F address performance indicators from external organizations).

C. Has this program been the subject of any NRC inspection or INPO evaluation during the past 18 months? If so, what were the overall results?

Has the program been the subject of an NRC inspection, a routine NRC resident report or the subject of a special inspection? All pertinent external evaluations during the past 18 months should be included. If the NRC or INPO has looked at this program over the past 18 months, what were their conclusions? What was done to the program as a result of these findings? What has changed (positive or negative) regarding the program since the time of the inspection? Do the external results correlate with internal results? If not, can they be explained or the differences justified?

D. Have any NRC Notices of Violations (NOVs) been written on this program over the past 18 months? If the answer is yes, describe the number and their relative significance using the NRC rating system and your own words.

Explain the relative significance of the violations. The response to the NOV is a source of this information along with your understanding of the program status at the time of the violation.

E. Have any industry experience notifications pertaining to this program been received during the past 18 months? Summarize the responses to these notifications.

Has the program been the subject of an NRC Information Notice, Generic Letter, or Bulletin. Has the program been the subject of INPO SOERs or SERs. Has the operating experience review program provided any adverse performance input applicable to this program? Are there any known industry notifications pending on this program?

INITIAL PROGRAM ASSESSMENT AND SCREENING (cont)

F. Have any Condition Reports (CRs) been written against the program within the past 18 months? How many remain open? What does the CR process tell about the program?

The number of Crs has a bearing on program performance, but the number alone is insufficient to tell the full story. What are the relative ages of the Crs? What is the breakdown of categories (significance)? How are Crs being managed? In the aggregate, what does the CR process indicate about program adequacy?

G.. Provide your assessment of the overall status of the program?

Given all of the information compiled above, how would you rate the current program adequacy. This should be done in terms of adequacy to support CNS startup, and in terms of adequacy relative to successfully accomplishing the program's primary objective. The base criteria defining adequacy are contained as the restart criteria in the Restart Readiness Program. Would you conclude that this program's status is adequate to support restart of the Cooper Nuclear Station? Provide sufficient logic and details to support your conclusion. You will be expected to review your position with the MRC.

Comments:

Program Owner/Date: _____/_____

Responsible Manager/Date: _____/_____

Reviewed by MRC/Date: _____/_____

DETAILED PROGRAM SELF-ASSESSMENT PROCESS

This process is implemented when the results of the initial self-assessment screening process discussed above, requires additional, detailed self-assessment to confirm restart readiness or determine necessary compensatory actions. The answers to previous screening questions are used as a starting point for further self-assessment. The objective is to determine acceptable program standards, current program status, actions required prior to startup, and longer-term performance improvement issues.

This self-assessment process is expected to result in a short report (5 - 10 pages) that includes a description of the actions that have been taken to bring the program to a level of adequacy that supports CNS restart.

The department manager should document the conclusions from the assessment in the following individual section format. The completed assessments will be retained by CNS for future reference.

A. List the current industry standards (or other criteria) against which the program should be measured?

It is important to understand the criteria and standards used by the industry to determine program success. Standards may be found in reference material, including material from INPO, EPRI, the NRC and CNS licensing documents. The standards need not be exhaustive, but they should provide the program owner with a high confidence that they are appropriate for the purpose.

B. Describe any current program performance deficiencies, concentrating on how the program is not meeting the above standards or criteria.

Use the initial program screening efforts to determine the set of problems and/or program shortcomings that led to the conclusion that the program was not adequate to support CNS start-up. Is the list complete? Are there other program issues that need to be considered? How can we be sure all significant program deficiencies have been identified? Address people, process and management system deficiencies that relate clearly to shortfalls in performance.

C. What are the causal factors or root causes associated with program deficiencies?

Corrective actions cannot be adequately constructed until there is an understanding of the underlying causal factors or root causes. In this step a root cause determination needs to be performed consistent with the deficiencies and the impact of the program on CNS restart.

D. Considering the deficiencies and the causal factors, what corrective actions have you taken to improve the program to a level of adequacy for CNS restart?

Once the causal factors have been determined, corrective actions can be developed. At this point interest is only on those actions required to raise program performance to a level adequate to support CNS restart. The program manager should not wait for MRC review to initiate the required corrective action.

INITIAL PROGRAM ASSESSMENT AND SCREENING (cont)

E. Describe longer-term (post startup) actions that will enhance program performance to a level that will meet our long term objectives of achieving top-quartile performance in safety, production and cost performance.

The final step in the self-assessment process is to consider other program improvement actions that are not required for startup, but that will raise the program to the desired level of performance.

Department Manager/Date: _____/_____

Reviewed by MRC/Date: _____/_____

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

FOCUS PROGRAM LIST

Cooper Nuclear Station

1. Operability Determinations/Evaluations
2. Surveillance Testing
3. LCO Tracking
4. Plant Labeling
5. Process Instrumentation Calibration Program
6. Operating Experience Reviews
7. Corrective Action Program
8. Safety Review and Audit Board
9. Station Operations Review Committee
10. Assessment (Quality Assurance)
11. Industrial Safety
12. Records Management
13. Radwaste Storage and Disposal
14. In-service Inspection
15. In-service Testing
16. Appendix J Testing
17. Check Valves
18. Welding
19. Erosion/Corrosion
20. Snubbers
21. Commercial Grade Dedication

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

FOCUS PROGRAM LIST (CONT)

Cooper Nuclear Station (cont)

22. Shelf Life
23. Reliability and Performance Monitoring
24. Shift Technical Advisor Program
25. Vendor Manuals
26. System Engineering
27. MIC Monitoring and Mitigation
28. Equipment Data File
29. Predictive Maintenance
30. Preventative Maintenance
31. QA Audit/Surveillance Program
32. QA Supplier Audit Program
33. Quality Control
34. Work Control

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

FOCUS PROGRAM LIST

Nuclear Engineering and Construction Division (NECD)

1. Instrument Setpoints
2. Equipment Qualification
3. Equipment Classification
4. Fire Protection - Appendix A/R
5. Meter Banding
6. Relief Valve Setpoints
7. Temporary Shielding
8. Seismic Qualification of Equipment
9. Design Change Program
10. Electrical Protective Relay Setpoints
11. Fuse and Breaker Coordination
12. Load Studies (AC/DC/DG)
13. Pipe Hangers
14. MOV Program
15. CNS Severe Accident Analysis
16. Design Basis
17. Configuration Management

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

FOCUS PROGRAM LIST

Training

1. Instrument & Control Technician
2. Mechanical Maintenance
3. Electrical Maintenance
4. Chemistry Technician
5. Health Physics Technician
6. Engineering Support Personnel
7. Simulator Certification
8. Shift Supervisor
9. Licensed Operator Requalification
10. Shift Technical Advisor
11. Initial Licensed Operator
12. Senior Reactor Operator
13. Station Operator

APPENDIX I - SITE READINESS ASSESSMENT

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

Site Readiness Assessment

The Management Review Committee shall consider the following in providing its affirmation to the Site Manager.

- Organization and Personnel Readiness
- Systems Readiness
- Department Readiness
- Outage Closure
- Restart List Closure
- Post-restart Plans Established
- Assessments Complete
- Other

SITE READINESS ASSESSMENT FORM

ROLL UP AND REVIEW OF SITE READINESS ASSESSMENTS:
(Principal Areas to be Reviewed)

* Organization and Personnel
* System Readiness
* Department Readiness
* Program Readiness
* Outage Closure
* Restart List Closures
* Post Restart Plans
* Assessments
* Other (Specify)

REVIEW AND APPROVAL FOR INITIAL MODE CHANGE

MRC REMARKS

SORC REMARKS

MRC Chairman Approval_____ Date_____

SORC Approval _____ Date_____

REVIEW AND APPROVAL FOR SITE CRITICALITY

MRC REMARKS

SORC REMARKS

MRC Chairman Approval _____ Date_____

SORC Approval_____ Date_____

11/4/94

PERFORMANCE IMPROVEMENT PLAN - RESTART READINESS PROGRAM

APPENDIX J - CROSS REFERENCE OF DSAT FIELD NOTES AND PHASE 1 PLAN

DSAT FIELD NOTES NOT INCORPORATED
INTO THE PHASE 1
PERFORMANCE IMPROVEMENT PROGRAM

FIELD NOTE	SUPPLEMENTAL INFORMATION
WW-27	All
WW-25	All
WW-21	All
WW-20	All
WW-15	Guidance on when system lineups should be conducted
WW-13	All
WW-06	All
WW-02	All
RB-11	Phase 2/3 Plans on AOT Phase I only covers instrumentation
RB-09	Guidance on when periodic valve lineups are required
RB-05	All
DM-09	Phase 2/3 Plans
RB-02	Phase 2/3 Plans
DM-08	Example 5
DM-07	All
DM-01	All
DM-11	Example 7
DM-10	Examples 2, 6, Causes 1,3
WW-26	Phase 2/3 Plans
SV-23	Examples 1, 2, 3 Phase 2/3 Plans
SV-22	Example 1 and Overall Description
SV-21	Example 3
SV-18	All
SV-16	Examples 2, 3, 5, Phase 2/3 Plans
SV-15	All
SV-12	All
SV-07	Phase 2/3 Plans to address rework, work arounds, and increased out-of-service times
SV-04	Phase 2/3 Plans

FIELD NOTE	SUPPLEMENTAL INFORMATION
SV-06	All
SV-01	Description - Phase 2/3 Plans
RC-13	All
RC-14	All
RC-12	All
RC-05	All
RC-04	Threshold for what constitutes a DC, and MWR 94-006 item
RC-02	All
WW-18	All
WW-03	All except dose assessment model items
SE-16	All
SE-15	All
SE-14	All but QC item
SE-13	All
SE-12	All
SE-09	All
SE-08	All
SE-05	All
SE-07	All
SE-04	All
SE-03	All
SE-02	All
SE-01	All
RC-15	TPCN, PCN items
RC-10	All
RC-06	All
RC-01	All
JD-12	All
JD-10	All
JD-09	All

FIELD NOTE	SUPPLEMENTAL INFORMATION
JD-08	All
JD-01	Examples 1, 4, 6, 8, 9, 10 Causes 1, 2, 3, 4
DK-06	All
DK-05	Examples 2, 3
DK-01.1	Examples 2, 3, 4, 6, 7
DB-01	Phase 2/3 Plans
WW-17	Verify captured by DM-09
WW-14	All except for work control/special instructions
RA-10	Review examples to verify drawing corrections OK
RA-09	Examples 1, 2, 3
RA-08	All
RA-05	Phase 2/3 Plans
JC-02	All
JC-01	All
GW-19	Description, Programmatic and Management Phase 2/3 Plans
GW-18	Example 4
GW-17	Examples 2, 3
GW-16	All
GW-15	Examples 1, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
GW-14	All
GW-13	All
GW-12	All
GW-11	All
GW-10	Phase 2/3 Monitoring
GW-09	Examples 1, 2, 3, 4. Phase 2/3 Drawing Change Program plans, correction of previous deficiencies, etc.
GW-05	All
GW-04	All
GW-03	All
GW-02	All

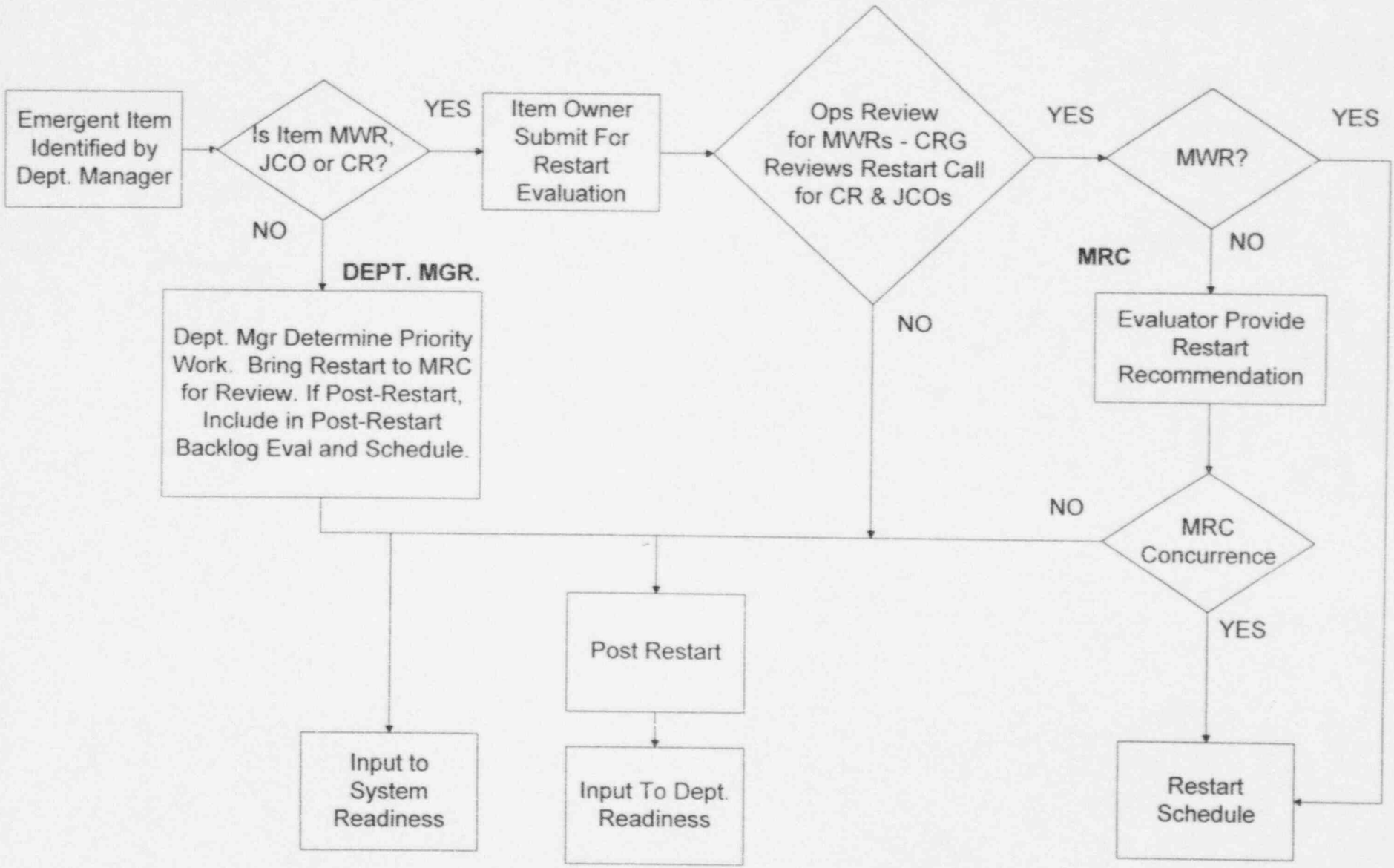
FIELD NOTE	SUPPLEMENTAL INFORMATION
DK-04	System Engineering Monitoring Program
CB-21	All
CB-19	All
CB-18	EWR Process Phase 2/3 Monitoring of Root Cause Analysis process and implementation of corrective actions
CB-17	All
CB-16	Narrow focus/complianced based evaluation of generic issues
CB-15	All but SIL 564 item
CB-14	All
CB-13	Phase 2/3 Action on OER Program Ensure specific items listed as examples have been reviewed during recent OER review project
CB-12	Phase 2/3 monitoring of Root Cause Analysis adequacy, and Corrective Actions correlate with root cause analysis
CB-11	All
CB-10	Phase 2/3 Plans for OER Program, Post-trip review procedure adequacy
CB-09	All
CB-08	All
CB-07	All
MCB-01	Failed or absent barriers, Phase 2/3 assessment and monitoring of CAP performance, OER Phase 2/3 Plan and assessment of OER Program performance
MGW-01	All of Description
MGW-02	All of Description, RHR-MO-27A/B and 34A/B example
MGW-06	Phase 2/3 Plans regarding configuration control
MGW-07	Phase 2/3 Plans regarding design control and example regarding testing of modification to see if it works
MCB-02	Phase 2/3 monitoring and assessment of issues listed
MJD-01	All
MJD-02	All
MJD-03	All except example 4
MJD-05	Phase 2/3 assessment of NPG's ability to execute plans

FIELD NOTE	SUPPLEMENTAL INFORMATION
MJD-06	All
MJD-07	Phase 2/3 Plans of independent oversight
MJD-08	All
MJD-09	All
MSV-05	Phase 2/3 assessment of description
MRB-01	Phase 2/3 Plans and assessment of work control program
MSV-01	Phase 2/3 assessment of the quality of Maintenance work activities
MSV-02	Phase 2/3 Plans to resolve inadequacies in station procedures and instructions
MSV-03	Phase 2/3 Plans to resolve long standing equipment problems
MRB-02	Phase 2/3 assessment regarding compliance with established programs and procedures
MWW-03	All
WW-17	Examples 1, 2, 3
RC-04	All
DM-10	Examples 2, 6
SV-01	All Examples
RA-09	Examples 2, 3
GW-17	Example 2
DK-04	Example
CB-07	Example
CB-13	All
GW-14	Examples 1, 2, 3
GW-15	Examples 1, 3, 5, 7, 9, 10, 11, 13, 14, 15
MGW-02	MO-27A/B, MO-34A/B Example
MCB-02	Example 4, Item d
WW-16	Closed out by DSAT Team
WW-10	Closed out by DSAT Team
WW-11	Closed out by DSAT Team
WW-09	Closed out by DSAT Team

FIELD NOTE	SUPPLEMENTAL INFORMATION
WW-08	Closed out by DSAT Team
WW-12	Closed out by DSAT Team
RB-07	Closed out by DSAT Team
WW-01	Closed out by DSAT Team

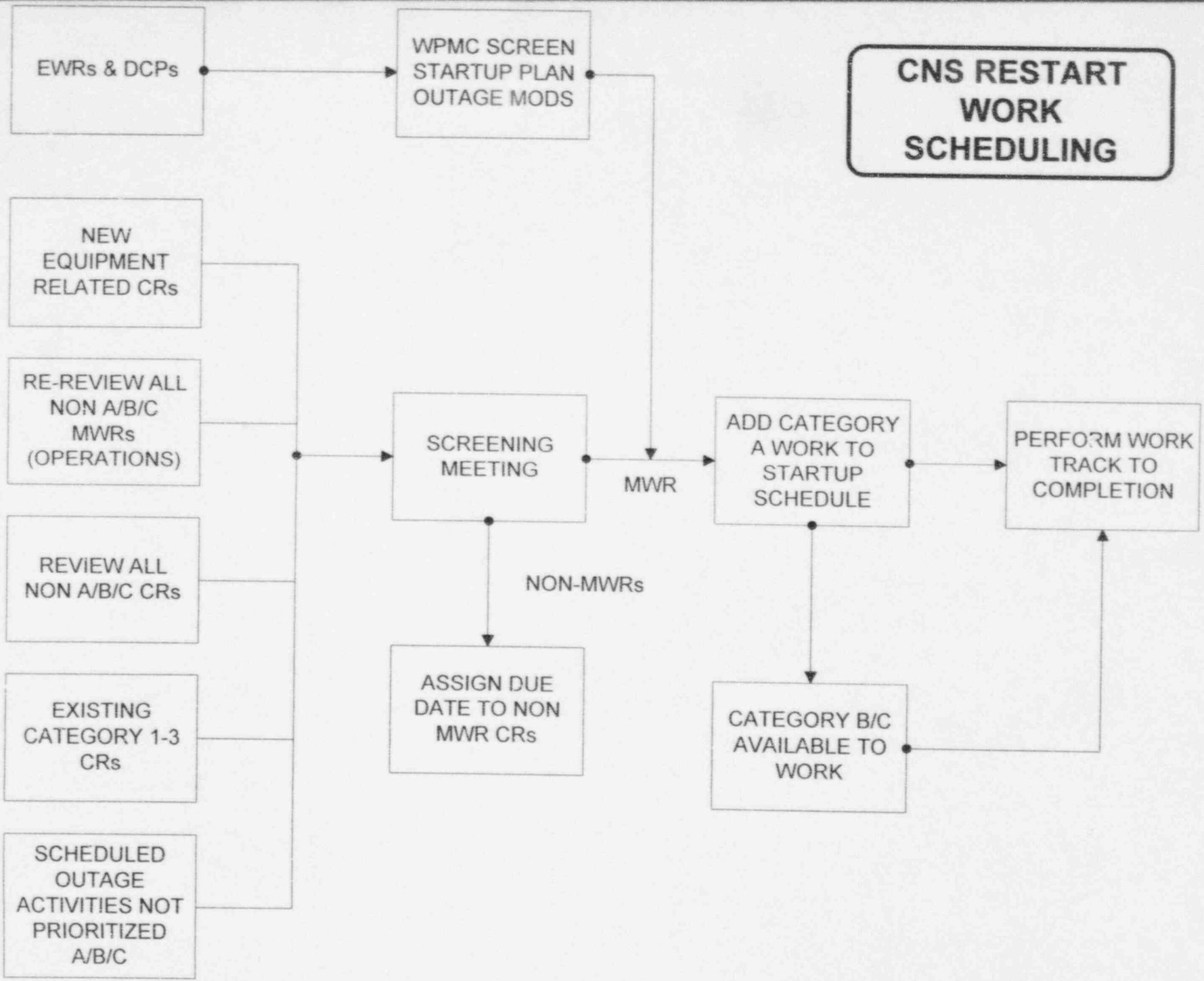
APPENDIX K - EMERGENT ISSUES FLOWCHART

EMERGENT ISSUES



APPENDIX L - MAINTENANCE WORK REQUEST SCREENING

CNS RESTART WORK SCHEDULING



Nebraska Public Power District

NEBRASKA PUBLIC POWER DISTRICT
P. O. BOX 499
1414 - 15TH STREET
COLUMBUS, NE 68602-0499

[redacted]
Vice-President, Nuclear
(402) [redacted]

NLS950050
January 27, 1995

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

Subject: Supplement to Proposed Change No. 135 to Technical Specifications and Request for Emergency Consideration, Control Room Emergency Filter System Cooper Nuclear Station, NRC Docket No. 50-298, DPR-46

Reference: Letter from G. R. Horn (NPPD) to NRC dated January 26, 1995, same subject (NLS950042).

Gentlemen:

The Nebraska Public Power District (District) is hereby supplementing its previously submitted Proposed Change No. 135 to the Cooper Nuclear Station (CNS) Technical Specifications. This letter supersedes in its entirety, the referenced letter, which was inadvertently submitted to the NRC due to an administrative error. The District apologizes for any inconvenience which this may have caused you.

Following a series of teleconferences held with the NRC Staff, and submittal of the District's Control Room dose calculation, the NRC took exception to certain assumptions used by the District in calculating Control Room operator post-accident integrated dose. As an interim measure, the District commits to implement a procedure to provide Control Room operators with potassium iodide (KI) thyroid-blocking tablets upon indications of a Loss of Coolant Accident (LOCA) which results in core damage. The purpose of the KI is to reduce thyroid doses below General Design Criteria (GDC) 19 criteria as calculated using NRC Staff assumptions. The commitment to use KI thyroid-blocking tablets has been agreed to by the District as an interim measure until the NRC's concern with this issue can be resolved.

The District requests that the NRC consider this supplemental transmittal as an emergency request for approval of Proposed Change No. 135, to support the performance of the CNS vessel hydrotest on January 29, 1995, which is required prior to startup from the current outage. As discussed below, the District only recently became aware of the NRC Staff's concerns with the District's Control Room dose assumptions. Failure to grant this technical specification promptly could result in preventing restart of CNS as scheduled. Therefore, emergency treatment of the amendment, including this supplement, could not have been avoided.

9502020107

A/67

By letter dated July 26, 1994[1] the District requested that the CNS Technical Specifications Limiting Condition for Operation (LCO) 3.12.A.2.c be revised to allow for increased flow capacity of the Control Room Emergency Filter System (CREFS). By increasing the maximum allowed makeup capacity of this system, additional margin is provided for maintaining the positive pressurization of the Control Room envelope. The proposed change also specified a new surveillance requirement in order to periodically verify that the subject LCO has been satisfied. This proposed change resulted from investigations which determined that increased flow capacity for the CREFS was desirable to improve pressurization margins for the Control Room Envelope under accident conditions.

Following NRC Staff review of Proposed Change No. 135 and discussions with District personnel during a December 20, 1994 conference call, the District agreed to revise its proposal to delineate a specific design flowrate for the CREFS and make additional clarifications. This revision was submitted on December 27, 1994.[2]

On January 19, 1995, the District submitted its Control Room dose calculation to the NRC as requested by the NRC Staff.[3] Based on NRC Staff review of the calculation, and during a series of teleconferences held with NRC Staff members during the period January 20 - 25, 1995, it was determined that the District and the NRC Staff were not in complete agreement over various assumptions used in the District's dose calculation. The District believes that the assumptions used in its dose calculations (which demonstrate that the GDC 19 limits are met for Control Room operator integrated dose) are reasonable. However, the NRC Staff's evaluation indicated that additional protective measures are needed to ensure that GDC 19 limits are met for CNS Control Room operator dose for certain LOCAs. Specifically, the NRC stated that their evaluation indicated that Control Room operator use of KI thyroid-blocking tablets during a LOCA which results in core damage would be required to reduce thyroid dose below GDC 19 limits. Therefore, as an interim measure for resolving this issue, the District commits to implement a procedure which provides KI tablets to the Control Room operators in accordance with the recommended dosage if plant conditions indicate that a LOCA is occurring coincident with core damage. This interim compensatory measure will ensure that GDC 19 limits are met for both the District's and the NRC Staff's evaluation and will remain in effect until the NRC's concerns are resolved.

This interim measure was determined to be necessary based on differences between the District's and the NRC Staff's evaluations of the Control Room operator dose consequences for this accident. These differences are unrelated to the changes to the CNS Technical Specifications in Proposed Change No. 135. Accordingly, the significant hazards determination submitted previously remains unchanged, as the existing significant hazards determination

---

1. Letter from G. R. Horn (NPPD) to NRC dated July 26, 1994, "Proposed Change No. 135 to Technical Specifications," (NLS940006).

2. Letter from G. R. Horn (NPPD) to NRC dated December 27, 1994, "Revision to Proposed Change No. 135 to Technical Specifications," (NLS940143)

3. Letter from J. H. Mueller to NRC dated January 19, 1995, "Transmittal of Information in Support of Proposed Change No. 135 to the CNS Technical Specifications," (NLS950032).

adequately addresses the increased CREFS design flowrate, which has limited impact on Control Room operator dose. Further, based on the interim commitment to utilize KI thyroid-blocking tablets as a Control Room operator dose reduction measure, the NRC agrees that GDC 19 limits will be met for the Loss-of-Coolant Accident. Therefore, NRC approval of Proposed Change No. 135 will not result in the introduction of a significant hazard as defined by the criteria given in 10 CFR 50.92(c).

As discussed above, the District will continue to work with the NRC to achieve final resolution of this issue. This resolution may involve additional requests to modify the CNS Technical Specification Limiting Condition for Operation 3.12.A.2.c.

This emergency supplement to Proposed Change No. 135 has been reviewed by the necessary District safety review committees. By copy of this letter and the attached, the appropriate State of Nebraska official is being notified in accordance with 10 CFR 50.91(b)(1). Copies to the NRC Region IV Office and the CNS Resident Inspector are also being sent in accordance with 10 CFR 50.4(b)(2).

Please contact me if you have any questions or require any further information concerning this issue.

Sincerely,

G. R. Horn
Vice President - Nuclear

GRH:MJB/mjb

cc: H. R. Borchert
Department of Health
State of Nebraska

NRC Regional Office
Region IV
Arlington, TX

NRC Resident Inspector
Cooper Nuclear Station

NPG Distribution

STATE OF NEBRASKA)
)
NEMAHA COUNTY)

G. R. Horn, being first duly sworn, deposes and says that he is an authorized representative of the Nebraska Public Power District, a public corporation and political subdivision of the State of Nebraska; that he is duly authorized to submit this request on behalf of Nebraska Public Power District; and that the statements contained herein are true to the best of his knowledge and belief.

G. R. Horn

Subscribed in my presence and sworn to before me this 27 day of Jan, 1995.

GENERAL NOTARY-State of Nebraska
GARY R. HANSEN
My Comm. Exp. March 9, 1997

NOTARY PUBLIC

Correspondence No: NLS950050

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

COMMITMENT	COMMITTED DATE OR OUTAGE
Implement administrative controls for administering of potassium iodide thryroid blocking tablets to control room operators during a LOCA with core damage.	Prior to startup