

# Point Beach Nuclear Plant U1R28 OCC Interactive Turnover

Meeting Agenda  
Tuesday, April 06, 2004

Start Time: 0600 1800

NSB 217

**Attendees:**

|                                  |                               |
|----------------------------------|-------------------------------|
| Shift Outage Directors (SOD)     | Rad Protection Manager (RPM)  |
| Shift Outage Managers (SOM)      | Chemistry Manager             |
| Operations Coordinators (SOC)    | IC General Supervisor         |
| Maintenance Coordinators (MOC)   | Electrical General Supervisor |
| Engineer Coordinators (EOM)      | Mechanical General Supervisor |
| Major Project Coordinators (MPC) | Supply Chain Manager          |
|                                  | Installation Services General |

**Expected Duration:** 30 Minutes

**Agenda:**

1. Safety Issue Discussion (SOD)
2. RP Status (RPM)
3. Plant Status / Operations Coordinator Turnover (SOC)
4. Shutdown Safety Assessment (SOC)
5. Maintenance Coordinator Turnover (MOC)
6. Engineering Coordinator Turnover (EOC)
7. Major Projects Coordinator Turnover (MPC)
8. Rapid Trending Assessment (NOS)
9. Action Item Review (SOM)
10. Critical Path (SOM)
11. Shift Goals (SOM)
12. ACEMAN Assessment (SOM)
13. Final Comments (SOD)

**Items Included in Daily Package:**

- Safety Snippet
- Outage Alara Report
- Daily Outage Status Report
- Shutdown Safety Assessment
- Workdown Curves
- Medium/High Risk Activities
- Defined Critical Path Review
- Daily Outage OE

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 4  
FOIA/PA-2004-0282

S-21

## Point Beach Nuclear Plant U1R28 Refueling Outage

| Safety Topics for Week of April 4-10, 2011   |
|--|
| <b>Theme for the week</b>  |
| This week's theme is <b>Close Calls</b> or more specifically, what we call near misses. Learning from close calls should be looked on as golden opportunities to prevent actual accidents. Let's not miss out on this opportunity.   |
| <b>Daily Safety Snippets</b>   |
| <b>Sunday</b>  |
| <b><i>"Fix the danger-save a stranger"</i></b><br>OE from U1R27 – A compressed gas cylinder in containment stored in a walkway, was not secured. The cylinder was bumped by a worker and fell over. Fortunately a co-worker noticed the situation and caught the cylinder before any damage could be done. Are all of our compressed gas cylinders secured?  |
| <b>Monday</b>  |
| <b><i>"When you fail to report a hazardous condition, you may contribute to employee attrition"</i></b><br><b>Near-miss failure story:</b><br>A co-worker is using a ladder. It seems fine, but as he comes down, one of the rungs sags as he steps on it. He notices a crack. He puts the ladder back without tagging it as needing repairs. The next day you grab the same ladder. As you start to climb you put your foot through the rung, lose your balance and fall, spraining your ankle. Do you check your ladder before you climb?  |
| <b>Tuesday</b>   |
| <b><i>"Report and repair or someone may despair"</i></b><br>OE17263 Comanche Peak – A worker leaned back in his chair when the screws holding the back of the chair to the body separated and he fell back to the floor. Examination of the chair found that only a single screw was holding it together. By someone not reporting this situation, a lost time accident occurred.  |
| <b>Wednesday</b>   |
| <b><i>"Sidestepping a hazardous condition leaves others at risk of hospital admission"</i></b><br>A worker was attempting to remove a water tank from a piece of heavy equipment. He was removing some bolts not realizing that they were the only support for the heavy tank itself. When the last bolt came out, the 1,200-pound tank fell on the victim, crushing his chest. He never regained consciousness, and died of the injuries. Investigation showed two years before, a similar incident had occurred involving another worker. The worker involved had escaped with only a bad scare but the condition was not corrected. |
| <b>Thursday</b>  |
| <b><i>"Your neglect could result in his broken neck"</i></b><br>OE17264 Comanche Peak – Truck entering the parking lot struck a pedestrian, knocking him to the ground. Luckily the person was not injured. The pedestrian was walking in an open area and thought the driver had given him the right of way. However the driver of the truck did not see him. Has a near miss like this happened at PBNP?   |
| <b>Friday</b>  |
| <b><i>"Ignoring safety in any way may cause someone else to pay"</i></b><br>OE17626 TMI – During the disassembly of a RCP snubber a technician suffered the loss of the fingertip. A coworker shifted the position of the snubber cylinder and did not realize the technician's finger was in the assembly.  |
| <b>Saturday</b>  |
| <b><i>"Most obituaries would not be recorded if all close calls were reported"</i></b><br><b>It happened at Prairie Island:</b><br>A year ago, somebody damaged one of the roll-up doors with a hydraulic lift. Unfortunately the employee failed to report this mishap and later the door fell narrowly missing another employee. This time we were lucky however the whole thing could have been avoided if only the damaged door were identified and repaired.  |



# Point Beach Nuclear Plant Outage 1R28

DAY 2

Path



Picture

Meets



Doesn't Meet Exceeds

## Supporting Operational Excellence

## Outage Radiation Performance

### Definition/Goal

This indicator measures cumulative dose radiation exposure and total number of personnel-contamination events (PCE's > 5000 cpm) during refueling outages. The dose indicator is measured in Rem and individual PCE events.

### Analysis and Actions

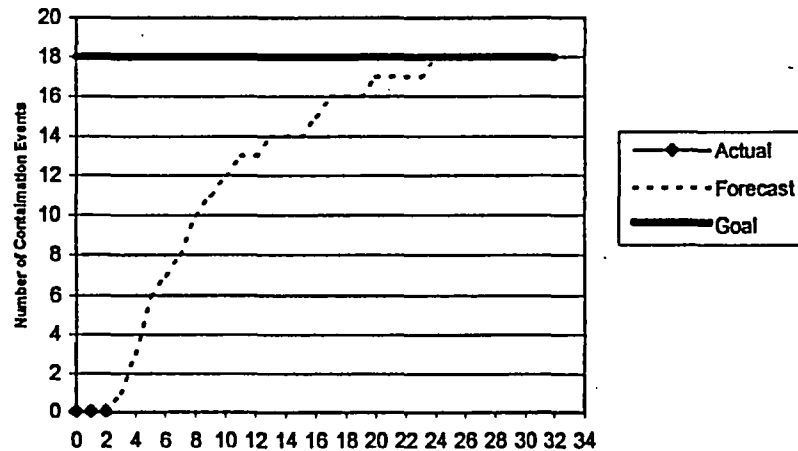
Day 2 - April 5  
 Actual = 3.230  
 Cumulative = 8.270  
 Cumulative Forecast = 7.923

|                        |                          |                      |                 |
|------------------------|--------------------------|----------------------|-----------------|
| <b>Meets:</b>          | <b>&lt;=75 Rem</b>       | <b>Actual Cum.</b>   |                 |
| <b>Exceeds:</b>        | <b>&lt;=71 Rem</b>       | <b>Dose:</b>         | <b>8.27 Rem</b> |
| <b>Meets: &lt;= 18</b> | <b>Exceeds: &lt;= 12</b> | <b>Actual PCE's:</b> | <b>0</b>        |

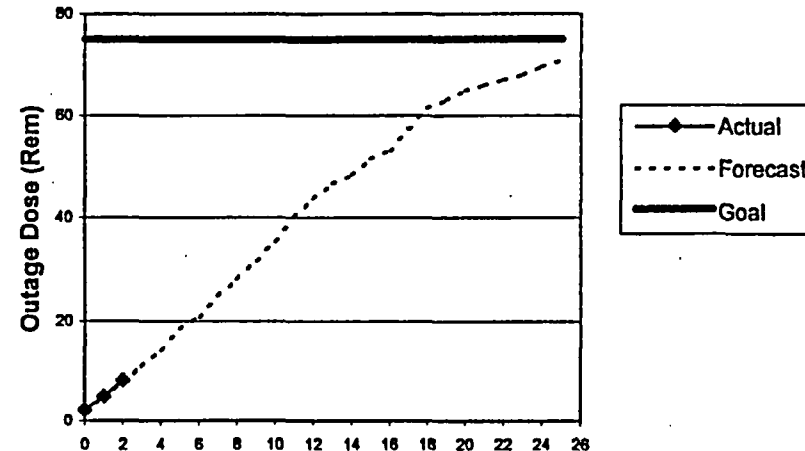
### Responsible Manager/Owner

Stu Thomas

Personnel Contamination Events



Cummulative Dose Exposure



# Outage Status Report

Plant: Point Beach Unit 1 Day: Tuesday Today's Date / Time: 4/06/04 / 1700

Outage Duration: Day 3 of 28

### Safety Status

#### Industrial

OSHA Recordables in last 24 hours 0 First Aid cases in last 24 hours 0 Significant near misses 0  
Total for this outage 0

Summary:

- No Injuries have been reported

#### Radiological

Dose outage to date 8.270 Projected to date 7.923 Outage Goal <75 R  
Difference +0.347 Number of PCEs 0

Summary:

- Dose exceeds projections due to BMI project being ahead of schedule

#### Nuclear

Significant human performance errors and events in last 24 hours 1

Summary:

- Personnel in Containment received a dose alarm while working under the wrong RWP

### Plant Status

Mode:  Hot Standby (Mode 3)  Hot Shutdown (Mode 4)  Cold Shutdown (Mode 5)  Refueling Shutdown (Mode 6)  
RCS: Temperature: 105 Pressure: N2 Overpressure RV Level: N/A  
Time to Boil: >110 Minutes

### Shutdown Safety Assessment

Reactivity: Green Core Cooling: Yellow Power Availability: Yellow  
Containment: Green Inventory: Green Spent Fuel Pool Cooling: N/A

### Protected Equipment:

There is no protected equipment

### Major Activities Completed in Last 24 Hours

ORT 3B Engineered Safeguards Test Restoration  
HP Turbine Cover Removal

### Critical Path and Near Critical Path Activities (Next 24 Hours)

Status of outage schedule:  Behind  Ahead 12 Hours  
ORT 3A Engineered Safeguards Test & Recovery  
Drain RCS to 60% Rx Vessel Level  
Burb Steam Generator Tubes

### Significant Outstanding Issues

| Date    | Issue   | Due Date | Responsibility |
|---------|---|----------|----------------|
| 4/02/04 | Incorporate Lessons Learned on Initial Downpower of XL-10 | 4/06/04  | J.A. Schroeder |
| 4/03/04 | Resolve Blowdown Tank Leakage                             | 4/06/04  | Joe Krentz     |
| 4/04/04 | 1P2A Charging Pump Troubleshooting                        | 4/06/04  | Mike Schug     |
|         |   |          |                |
|         |   |          |                |

### Upcoming Major Milestones

|                | Scheduled |       | Actual  |      |              | Scheduled |       | Actual |      |
|----------------|-----------|-------|---------|------|--------------|-----------|-------|--------|------|
|                | Date      | Time  | Date    | Time |              | Date      | Time  | Date   | Time |
| Cooldown <200° | 4/03/04   | 2100  | 4/03/04 | 2230 | Heatup >200° | 4/25/04   | 0900  |        |      |
| Head Lift      | 4/09/04   | 09:00 |         |      | Initial      | 4/28/04   | 11:00 |        |      |
| Refueled       | 4/14/04   | 0300  |         |      | On-Line      | 4/30/04   | 01:00 |        |      |

Point Beach Nuclear Plant  
PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST

OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: April 6, 2004

TIME: 1500

KEY SAFETY FUNCTIONS:

REACTIVITY: GREEN

CORE COOLING: YELLOW

POWER AVAILABLE: YELLOW

INVENTORY: GREEN

CONTAINMENT: GREEN

SFP COOLING: NA

PROTECTED EQUIPMENT:

There is no protected equipment for Unit 1 Outage Safety Assessment.



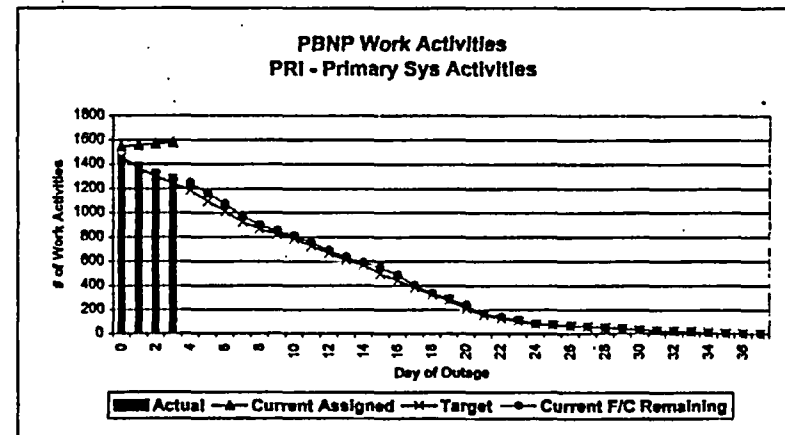
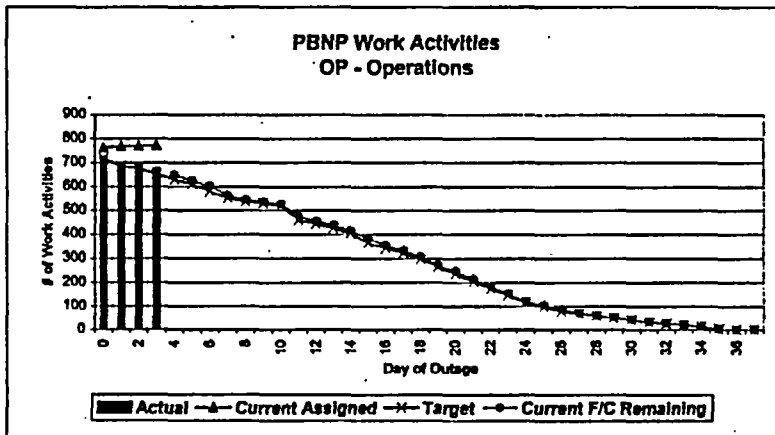
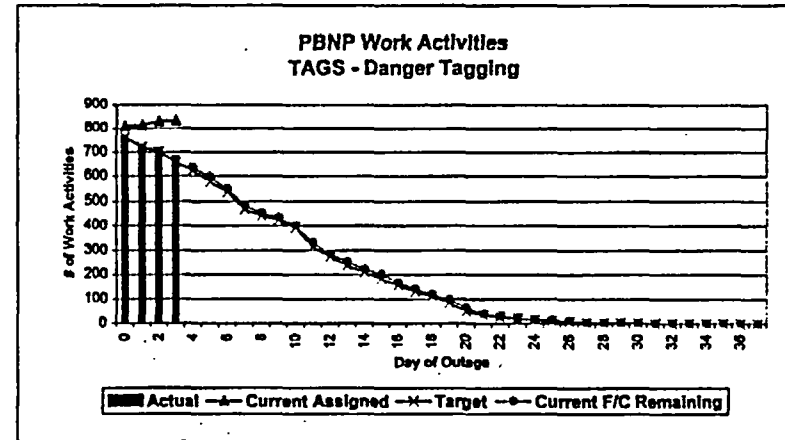
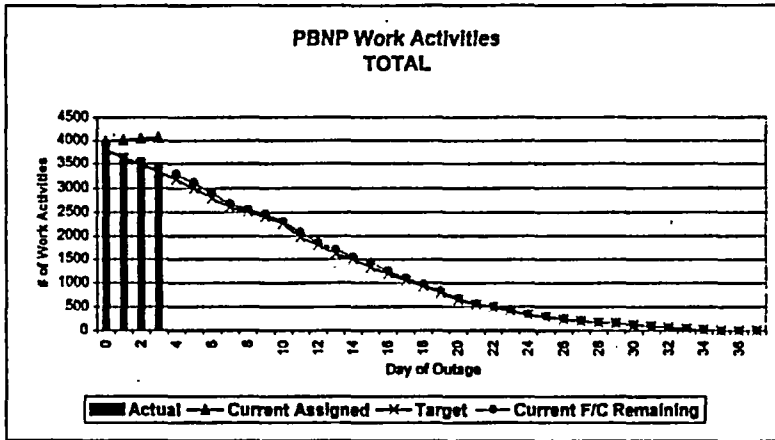
COMMENTS:

Fire Protection Condition II  
RCS Time to Boil is >110 minutes  
ORT-3A Train A ESFAS Testing in Progress

*CTX*

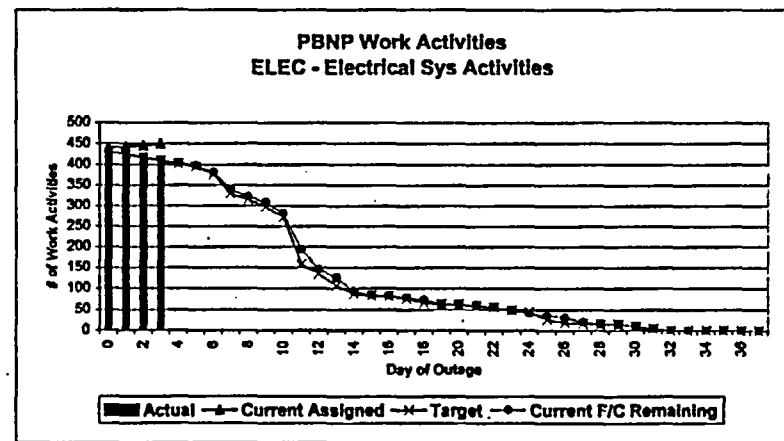
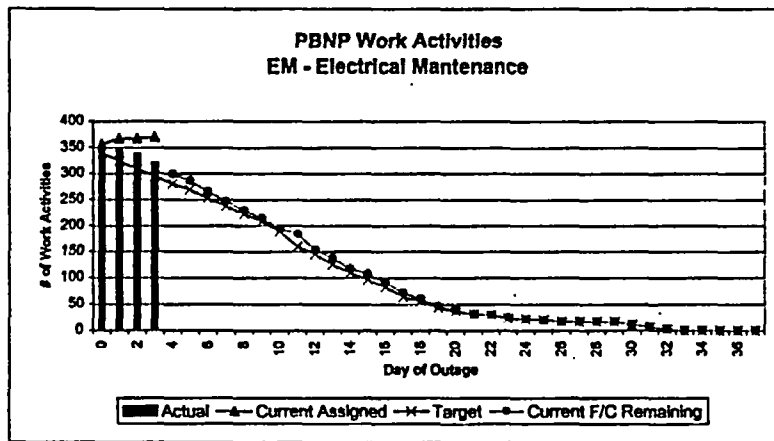
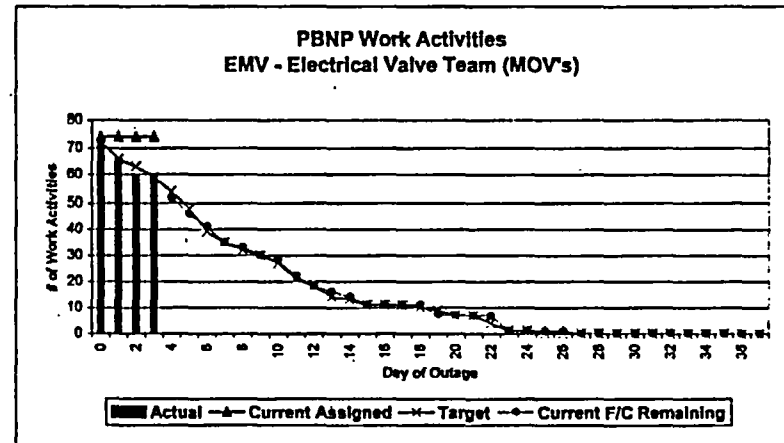
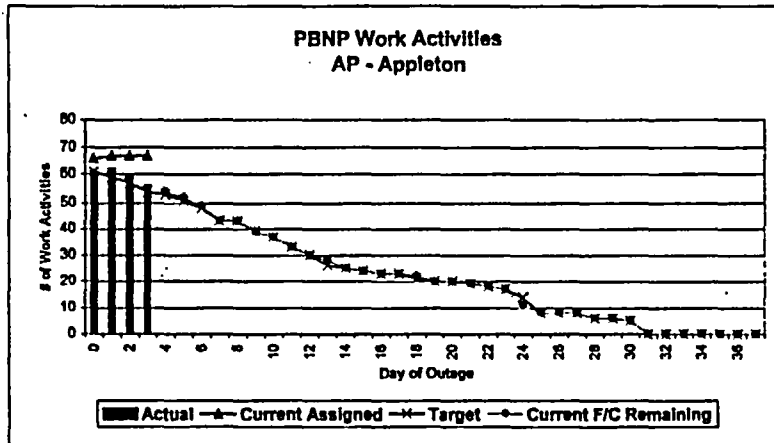
# PBNP U1R28 Workdown Curves

4/6/2004



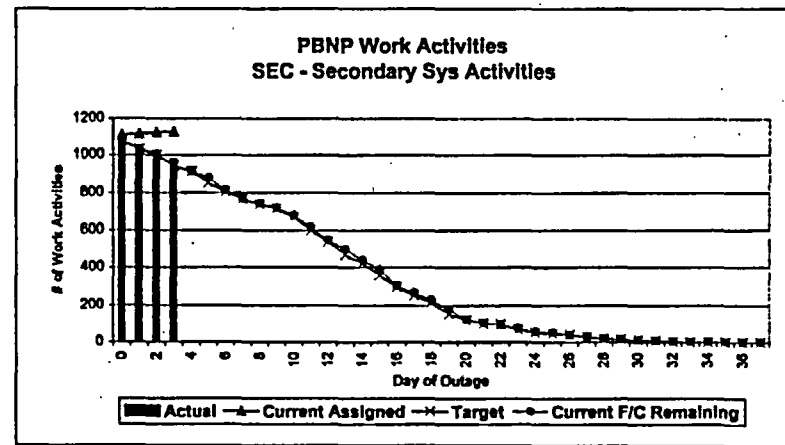
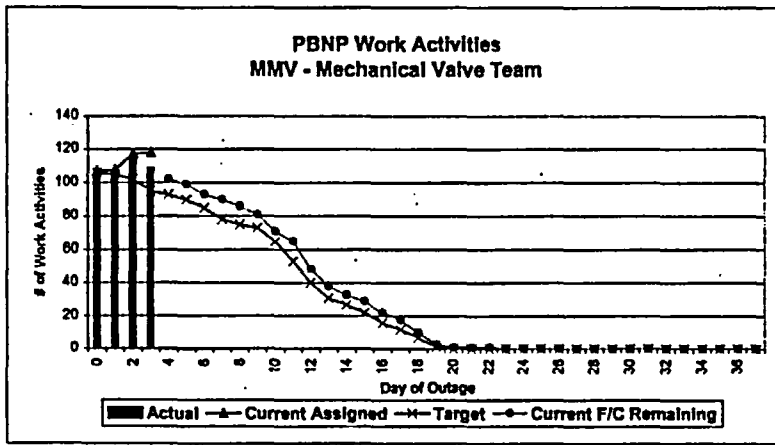
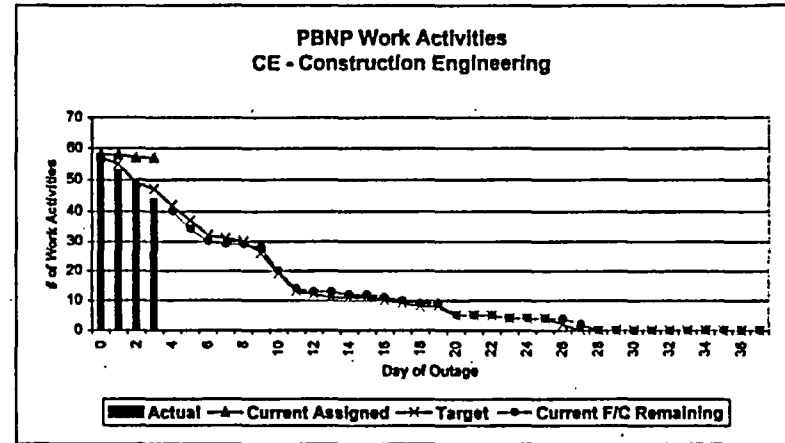
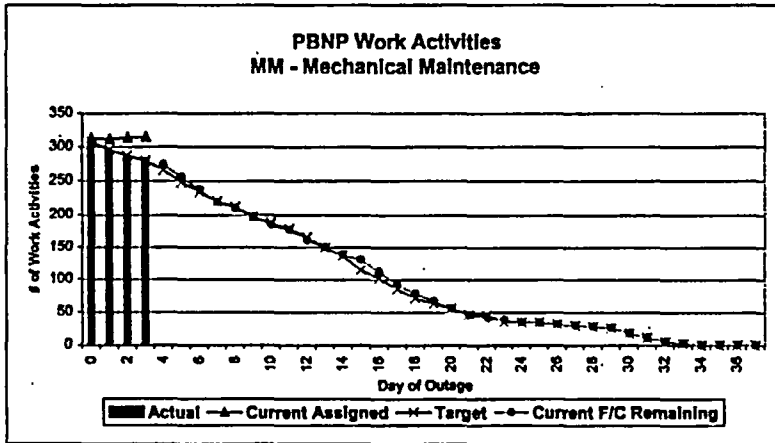
# PBNP U1R28 Workdown Curves

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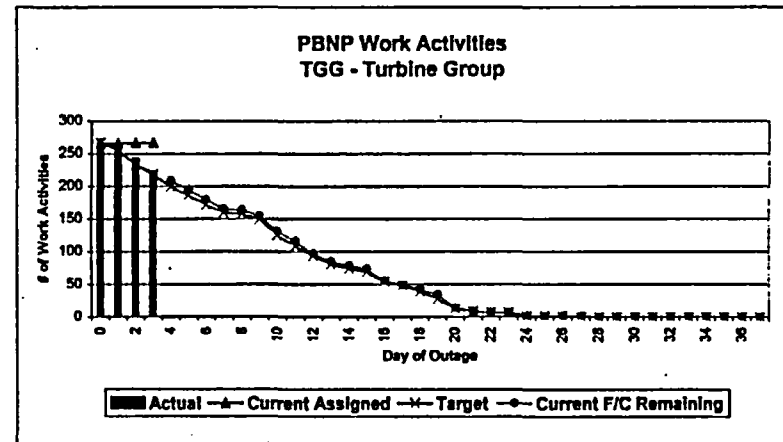
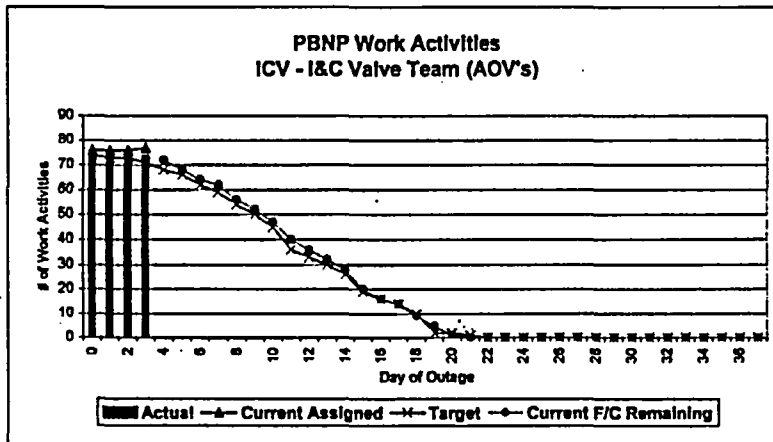
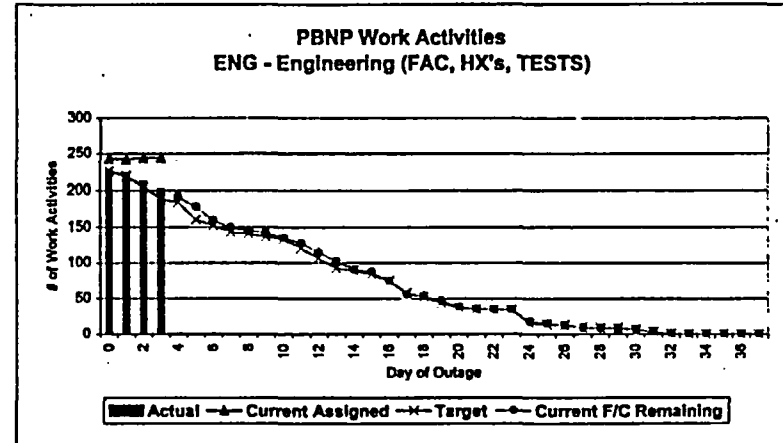
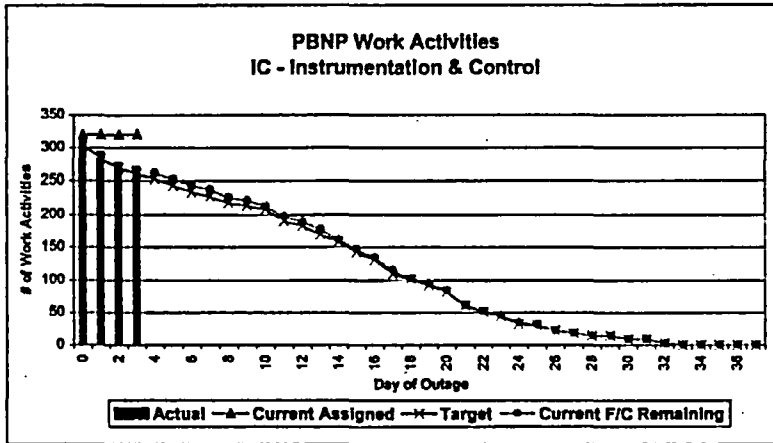
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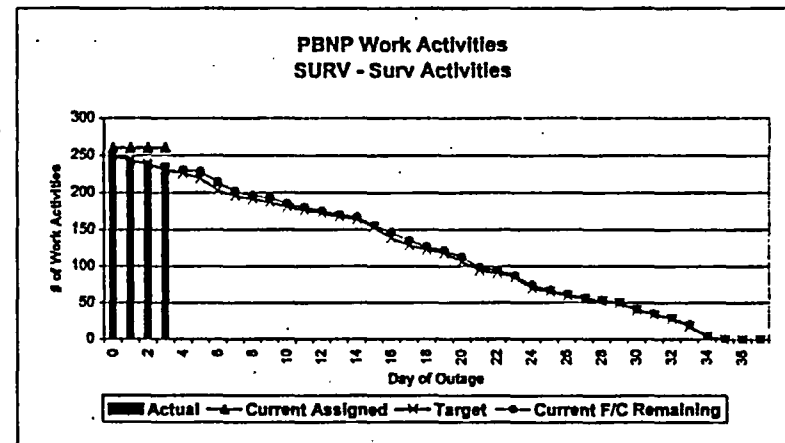
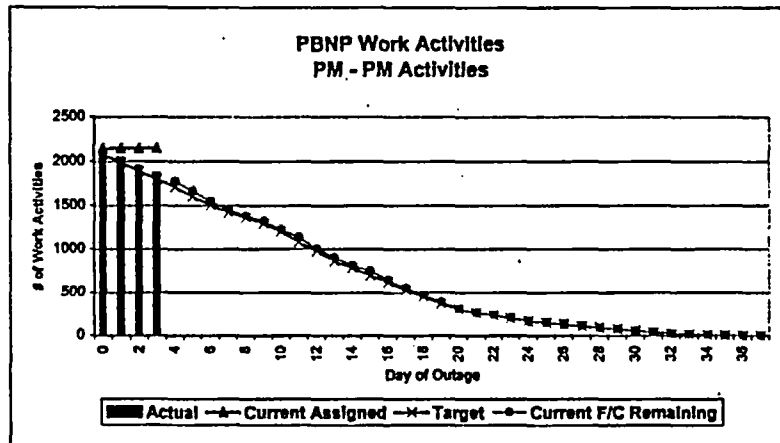
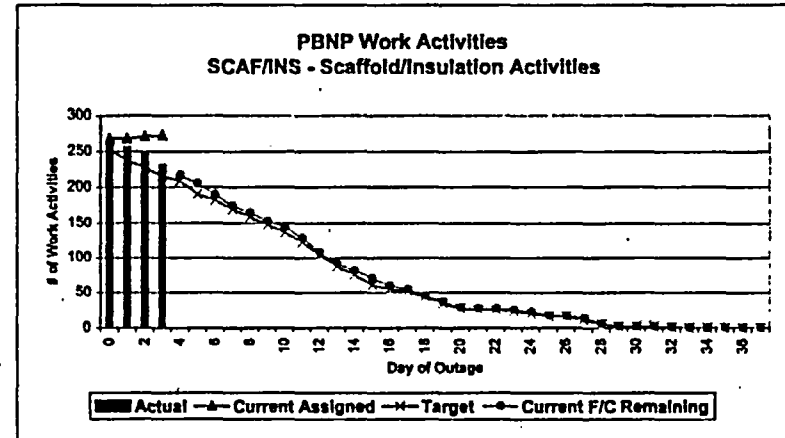
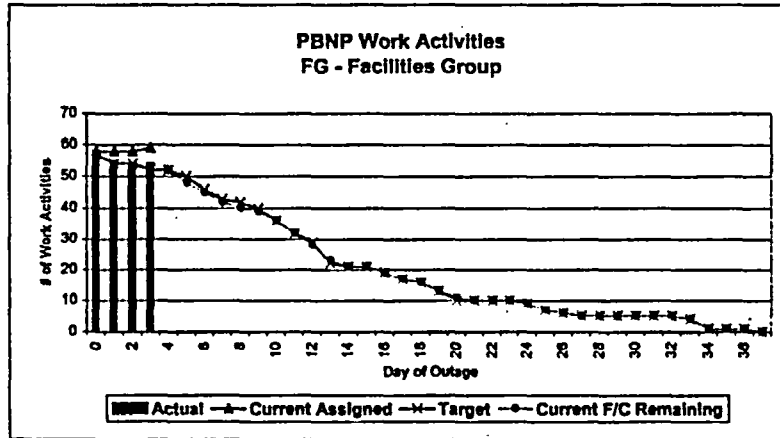
# PBNP U1R28 Workdown Curves

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# PBNP U1R28 Workdown Curves

4/6/2004



| U | ACT ID | WO ST | GRP | HPE RISK | EQUIPMENT | Activity Description | Cal ID | DUR | START | FINISH | APR   |       |       |       |       |        |        |
|---|--------|-------|-----|----------|-----------|----------------------|--------|-----|-------|--------|-------|-------|-------|-------|-------|--------|--------|
|   |        |       |     |          |           |                      |        |     |       |        | Thu 5 | Fri 6 | Sat 7 | Sun 8 | Mon 9 | Tue 10 | Wed 11 |

| SCAFFOLDING and INSULATION - NPS |            |    |     |                         |               |  |   |    |                   |                  |  |
|----------------------------------|------------|----|-----|-------------------------|---------------|--|---|----|-------------------|------------------|--|
| 1                                | CE301694SR | 76 | CE4 | DR-Y ML-Y<br>ORT3-Y R-M | MS-02309      | REMOVE RIGGING<br>SCAFFOLDING FOR MS-2309    | 7 | 6  | 10APR04<br>18:00  | 10APR04<br>21:59 |  |
| ELECTRICAL MAINTENANCE           |            |    |     |                         |               |  |   |    |                   |                  |  |
| 0                                | EM0215148  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | G-01          | MONITOR G-01 IAW RMP 9172<br>DURING -ORT-003 | 1 | 2  | 06APR04<br>10:00A | 06APR04<br>13:59 |  |
| 2                                | EM0305105  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | D-205         | UNIT 2 MONTHLY<br>NON-SAFETY 125V DC         | 1 | 4  | 06APR04<br>17:00* | 06APR04<br>20:59 |  |
| 2                                | EM0305127  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | U2A-UV RELAYS | TEST U2A-UV RELAYS<br>2RMP 9071-1 & 9075-1   | 1 | 4  | 06APR04<br>21:00* | 07APR04<br>00:59 |  |
| 0                                | EM0305200  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | 125V          | STATION TECH SPEC<br>BATTERIES WEEKLY        | 1 | 3  | 06APR04<br>21:00* | 06APR04<br>23:59 |  |
| 1                                | EM0215211  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | P-028B-M      | 1P28B MCE ANALYZE MOTOR<br>(1A52-13/1A-02)   | 1 | 3  | 07APR04<br>01:00* | 07APR04<br>03:59 |  |
| 2                                | EM0305132  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | U2B-UV RELAYS | TEST U2B-UV RELAYS<br>2RMP 9071-2 & 9075-2   | 1 | 4  | 07APR04<br>01:00* | 07APR04<br>04:59 |  |
| 1                                | EM0215210  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | P-028A-M      | 1P28A MCE ANALYZE MOTOR<br>(1A52-05/1A-01)   | 1 | 5  | 07APR04<br>04:00* | 07APR04<br>08:59 |  |
| 1                                | EM-BMFP-01 | 71 | EM  | DR-Y ML-Y<br>ORT3-N R-M | P-028B-M      | P28B REMOVE OIL LINES AND<br>MOTOR COVERS    | 5 | 6  | 07APR04<br>05:00  | 07APR04<br>10:59 |  |
| 0                                | EM0309068  | 76 | EM  | DR-Y ML-Y<br>ORT3-N R-M | D-105         | WEEKLY STATION BATTERY<br>INSPECTION         | 1 | 3  | 07APR04<br>07:00* | 07APR04<br>09:59 |  |
| 0                                | EM0309132  | 76 | EM  | DR-Y ML-Y<br>ORT3-N R-M | D-108         | WEEKLY STATION BATTERY<br>INSPECTION         | 1 | 3  | 07APR04<br>07:00* | 07APR04<br>09:59 |  |
| 1                                | EM-BMFP-02 | 71 | EM  | DR-Y ML-Y<br>ORT3-N R-M | P-028B-M      | P28B INSTALL ROTOR<br>REMOVAL RIGGING        | 5 | 4  | 07APR04<br>11:00  | 07APR04<br>14:59 |  |
| 1                                | EM-BMFP-03 | 71 | EM  | DR-Y ML-Y<br>ORT3-N R-M | P-028B-M      | P28B REMOVE MOTOR TOP<br>COVER               | 5 | 4  | 07APR04<br>15:00  | 08APR04<br>06:59 |  |
| 1                                | EM-BMFP-R1 | 71 | EM  | DR-Y ML-Y<br>ORT3-N R-M | P-028B-M      | P28B REMOVE INBOARD AND<br>OUTBOARD BEARINGS | 5 | 10 | 08APR04<br>07:00  | 08APR04<br>16:59 |  |
| 1                                | EM0312035  | 71 | EM  | DR-Y ML-Y<br>ORT3-N R-M | P-028B-M      | 1P-28B-M CLEAN, INSPECT<br>AND MAINTAIN      | 7 | 60 | 08APR04<br>07:00* | 11APR04<br>02:59 |  |
| 1                                | EM0301678  | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | 62/A01        | A-01 SEVENTH YEAR UV BUS<br>STRIPPING        | 5 | 6  | 09APR04<br>10:00  | 09APR04<br>15:59 |  |
| 1                                | EZMRCP-E1  | 76 | EM  | M                       | P-001B-M      | P-1B B/W & RESISTANCE ON<br>THE STAND        | 1 | 2  | 10APR04<br>03:00  | 10APR04<br>04:59 |  |
| 1                                | EM-8480I   | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | RPI           | AT HEAD RPI COIL<br>RESISTANCE/INDUCTANCE    | 1 | 10 | 10APR04<br>11:00  | 10APR04<br>20:59 |  |
| 1                                | EM-8480J   | 76 | EM  | DR-N ML-N<br>ORT3-N R-M | R-1           | AT HEAD CRDM COIL<br>RESISTANCE/INDUCTANCE   | 1 | 10 | 10APR04<br>11:00  | 10APR04<br>20:59 |  |
| 1                                | EM0215218  | 76 | EM  | DR-Y ML-Y<br>ORT3-N R-M | TG-01-G       | INSPECT GENERATOR PHASE<br>AND NEUTRAL       | 8 | 40 | 10APR04<br>16:00  | 14APR04<br>15:59 |  |

HX-21A HP FWH 5A BLEEDER TRIP  
0301694 - 128NP

EMERGENCY DIESEL GENERATOR  
0215148 - 128EM

125V DC STATION BATTERY  
0305105 - B03A2

TRAIN A 4.16 KV AND 480 V SWITCHGEAR RELAY TEST  
0305127 - B03A2

125V SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT  
0305200 - B03A2

STEAM GENERATOR FEED PUMP MOTOR  
0215211 - 128EM

TRAIN B 4.16 KV AND 480 V SWITCHGEAR RELAY TEST  
0305132 - B03A2

STEAM GENERATOR FEED PUMP MOTOR  
0215210 - 128EM

STEAM GENERATOR FEED PUMP MOTOR  
0312035 - 128EM

125V DC STATION BATTERY  
0309068 - B03A2

125V DC STATION BATTERY  
0309132 - B03A2

STEAM GENERATOR FEED PUMP MOTOR  
0312035 - 128EM

STEAM GENERATOR FEED PUMP MOTOR  
0312035 - 128EM

STEAM GENERATOR FEED PUMP MOTOR  
0312035 - 128EM

STEAM GENERATOR FEED PUMP MOTOR  
0312035 - 128EM

1A-01 BUS TIME DELAY RELAY  
0301678 - 128EM

REACTOR COOLANT PUMP MOTOR  
0215205 - 128EM

RPI SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT  
0215213 - 128EM

REACTOR VESSEL AND ASSEMBLY  
0215214 - 128EM

ELECTRICAL GENERATOR  0215218 - 128EM

| U  | ACT ID     | WO ST | GRP | HPE RISK                | EQUIPMENT  | Activity Description                           | Cal ID | DUR | START             | FINISH           | APR   |       |       |       |       |        |        |        |        |        |  |
|--|------------|-------|-----|-------------------------|------------|--|--------|-----|-------------------|------------------|---|-------|-------|-------|-------|--------|--------|--------|--------|--------|--|
|  |            |       |     |                         |            |  |        |     |                   |                  | Apr 5   | Tue 6 | Wed 7 | Thu 8 | Fri 9 | Sat 10 | Sun 11 | Mon 12 | Tue 13 | Wed 14 |  |
| <b>ELECTRICAL MAINTENANCE</b>                          |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0215225  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | W-004A-M   | PERFORM MCE W-004A-M<br>(1852-317M/1B-31)      | 1      | 4   | 10APR04<br>17:00* | 10APR04<br>20:59 | <input type="checkbox"/> CONTAINMENT REACTOR CAVITY CO<br>0215225 - 128EM                   |       |       |       |       |        |        |        |        |        |  |
| 1  | EAMRCP-E   | 76    | EM  | M                       | P-001A-M   | EARLY BREAKAWAY & LIFT<br>CHECK PER RMP-9002-2 | 1      | 2   | 10APR04<br>21:00  | 10APR04<br>22:59 | <input type="checkbox"/> REACTOR COOLANT PUMP MOTOR<br>0215199 - 128EM                      |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0215226  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | W-004B-M   | PERFORM MCE W-004B-M<br>(1852-318M/1B-31)      | 1      | 4   | 10APR04<br>21:00  | 11APR04<br>00:59 | <input type="checkbox"/> CONTAINMENT REACTOR CAVITY C<br>0215226 - 128EM                    |       |       |       |       |        |        |        |        |        |  |
| 1  | EZMRCP-B2  | 76    | EM  | M                       | P-001B-M   | REPLACE 'B' RCP FLOOR<br>PANEL FIRST TIME      | 1      | 4   | 11APR04<br>01:00  | 11APR04<br>04:59 | REACTOR COOLANT PUMP MOTOR <input type="checkbox"/><br>0215205 - 128EM                      |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0216638  | 40    | EM  | DR-N ML-N<br>ORT3-N R-M | P-001B-M   | PERFORM REPAIRS FOR P-1B<br>HIGH BREAKAWAY     | 1      | 140 | 11APR04<br>05:00  | 17APR04<br>00:59 | REACTOR COOLANT PUMP MOTOR <input type="checkbox"/><br>0216638 - 128EM                      |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0215223  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | W-003A-M   | PERFORM MCE W-003A-M<br>(1852-3A/1B-01)        | 1      | 4   | 11APR04<br>07:00* | 11APR04<br>10:59 | <input type="checkbox"/> CONTAINMENT CONTROL ROD<br>0215223 - 128EM                         |       |       |       |       |        |        |        |        |        |  |
| 0  | EM0305201  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | 125V       | STATION TECH SPEC<br>BATTERIES WEEKLY          | 1      | 3   | 12APR04<br>12:00* | 12APR04<br>14:59 | 125V SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT <input type="checkbox"/><br>0305201 - B04B2 |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0215224  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | W-003B-M   | PERFORM MCE W-003B-M                           | 1      | 4   | 12APR04<br>23:00  | 13APR04<br>02:59 | CONTAINMENT CONTROL ROD DRIVE SHROUD FAN MOTOR <input type="checkbox"/><br>0215224 - 128EM  |       |       |       |       |        |        |        |        |        |  |
| 1  | EM0216167  | 76    | EM  | DR-N ML-N<br>ORT3-N R-M | E-01       | INSPECT AND MAINTAIN<br>EXCITER FUSES PER MWP  | 1      | 10  | 13APR04<br>07:00* | 13APR04<br>16:59 | TG-01 TURBINE GENERATOR EXCITER <input type="checkbox"/><br>0216167 - 128EM                 |       |       |       |       |        |        |        |        |        |  |
| <b>I&amp;C MAINTENANCE</b>                             |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 1  | IC5.58APMT | 87    | IC  | DR-N ML-N<br>ORT3-Y R-M | ICP-05.058 | ESF TRN A TIME DELAY<br>RELAY PMT              | 1      | 4   | 06APR04<br>09:00A | 06APR04<br>15:59 | <input type="checkbox"/> SAFEGUARDS TIMING RELAY CALIBRATION<br>0300876 - 128IC             |       |       |       |       |        |        |        |        |        |  |
| 1  | ICORT-3A   |       | IC  | DR-N ML-N<br>ORT3-Y R-M | ESF-B      | I&C ORT #3A INVOLVEMENT                        | 1      | 4   | 06APR04<br>09:00A | 06APR04<br>15:59 | <input type="checkbox"/> I&C SUPPORT OF ORT-03B<br>128IC                                    |       |       |       |       |        |        |        |        |        |  |
| 1  | IC10.42A   | 76    | IC  | DR-Y ML-Y<br>ORT3-Y R-M | ICP-10.042 | ICP 10.42 CAVITY PREPS                         | 1      | 3   | 06APR04<br>18:00  | 06APR04<br>20:59 | <input type="checkbox"/> REFUELING CAVITY PREPARATION<br>0300894 - 128IC                    |       |       |       |       |        |        |        |        |        |  |
| <b>I&amp;C - C. RHODEN</b>                             |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 2  | IC2.7      | 76    | IC1 | DR-Y ML-Y<br>ORT3-N R-M | ICP-02.007 | POWER RANGE NI PWR RG<br>TEST (12WK)           | D      | 3   | 09APR04<br>07:00* | 09APR04<br>09:59 | <input type="checkbox"/> POWER RANGE NUCLEAR INSTRUMENTATION<br>0300996 - B03A2             |       |       |       |       |        |        |        |        |        |  |
| <b>I&amp;C - M. KENNETT</b>                            |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 2  | IC2.3BRUN  | 76    | IC5 | DR-N ML-N<br>ORT3-N R-M | ICP-02.003 | RP LOGIC TEST - TRAIN B<br>(4WK)               | 1      | 2   | 13APR04<br>05:00* | 13APR04<br>06:59 | REACTOR PROTECTION LOGIC <input type="checkbox"/><br>9950120 - B04B2                        |       |       |       |       |        |        |        |        |        |  |
| 2  | IC2.5BRUN  | 76    | IC5 | DR-N ML-N<br>ORT3-N R-M | ICP-02.005 | SG LOGIC TEST - TRAIN B<br>(4WK STAGGERED)     | 1      | 2   | 13APR04<br>08:00* | 13APR04<br>09:59 | SAFEGUARDS LOGIC <input type="checkbox"/><br>0300999 - B04B2                                |       |       |       |       |        |        |        |        |        |  |
| <b>I&amp;C VALVE TEAM</b>                              |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 1  | IC0300801  | 76    | ICV | DR-Y ML-Y<br>ORT3-N R-N | IA-03047-O | IA-3047 DIAGNOSTIC CHECK                       | 1      | 4   | 09APR04<br>17:00* | 09APR04<br>20:59 | <input type="checkbox"/> U1C IA HEADER INLET CONTROL OPERATOR<br>0300801 - 128IC            |       |       |       |       |        |        |        |        |        |  |
| <b>MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM</b> |            |       |     |                         |            |  |        |     |                   |                  |   |       |       |       |       |        |        |        |        |        |  |
| 1  | MM-8480A3  | 76    | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1        | RV HEAD UNDRESS RMP-9096<br>THRU 5.1.42        | 1      | 6   | 05APR04<br>17:00A | 06APR04<br>17:59 | <input type="checkbox"/> REACTOR VESSEL AND ASSEMBLY<br>0214134 - 128MM                     |       |       |       |       |        |        |        |        |        |  |
| 1  | MM-8480V   | 76    | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1        | INSTALL ZIP LIFTS R-1                          | 1      | 4   | 05APR04<br>19:00A | 06APR04<br>15:59 | <input type="checkbox"/> REACTOR VESSEL AND ASSEMBLY<br>0214134 - 128MM                     |       |       |       |       |        |        |        |        |        |  |

Early Bar  
 Progress Bar  
 Critical Activity  
 © Primavera Systems, Inc.

**NMC / WE**  
**PBNP U1 Refueling 28 Outage**

LT-81 HUMAN ERROR RISK BARCHART  
 FL-81 HUMAN ERROR POTENTIAL

| U | ACT ID | WO ST | GRP | HPE RISK | EQUIPMENT | Activity Description | Cal ID | DUR | START | FINISH | APR |   |   |   |   |    |    |
|---|--------|-------|-----|----------|-----------|----------------------|--------|-----|-------|--------|-----|---|---|---|---|----|----|
|   |        |       |     |          |           |                      |        |     |       |        | 5   | 6 | 7 | 8 | 9 | 10 | 11 |

| MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM |           |    |     |                         |         |   |   |    |                   |                  |  |
|---|-----------|----|-----|-------------------------|---------|---|---|----|-------------------|------------------|--|
| 1   | MM0212777 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-M | Z-024B1 | 1Z-24B1 TACK WELD CABLE<br>KEEPER                 | 1 | 8  | 07APR04<br>23:00* | 08APR04<br>06:59 |  |
| 1   | MM-8480B  | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | REMOVE THE PRESSURIZER<br>VENT FLANGE             | 1 | 3  | 08APR04<br>10:00  | 08APR04<br>12:59 |  |
| 1   | MM-8480T  | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | REMOVE HEAD VENT SPOOL<br>PIECE                   | 1 | 1  | 08APR04<br>10:00  | 08APR04<br>10:59 |  |
| 1   | MM-8480S  | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | REMOVE INSULATION RV<br>HEAD PER RMP 9096         | 1 | 6  | 08APR04<br>16:00  | 08APR04<br>21:59 |  |
| 1   | MM-8480C1 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | HEAD DETENSION PREPS<br>(MOVE EQUIP. INTO CAVITY) | 1 | 2  | 08APR04<br>22:00  | 08APR04<br>23:59 |  |
| 1   | MM-8480C2 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | DETENSION RV HEAD STUDS                           | 1 | 5  | 09APR04<br>00:00  | 09APR04<br>04:59 |  |
| 1   | MM-8480C3 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | REMOVE STUDS / CLOSE<br>STUD HOLES                | 1 | 8  | 09APR04<br>05:00  | 09APR04<br>12:59 |  |
| 1   | MM-8480R1 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | INSTALL CAVITY SEAL RING                          | 1 | 4  | 09APR04<br>13:00  | 09APR04<br>16:59 |  |
| 1   | MM-8480R2 | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | CHECK SANDBOX & TOP HAT<br>COVER BOLT TORQUE      | 1 | 1  | 09APR04<br>17:00  | 09APR04<br>17:59 |  |
| 1   | MM-8480D  | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | BRIEF/PREPS FOR HEAD LIFT                         | 1 | 3  | 09APR04<br>18:00  | 09APR04<br>20:59 |  |
| 1   | MM-8480D1 | 76 | MM1 | DR-N ML-N<br>ORT3-Y R-H | R-1     | MOVE REACTOR VESSEL<br>HEAD TO RHLDA              | 1 | 4  | 09APR04<br>21:00  | 10APR04<br>00:59 |  |
| 1   | MM-8480E1 | 76 | MM1 | DR-N ML-N<br>ORT3-N R-H | R-1     | UPPER INTERNALS LIFT IPTE<br>BRIEF                | 1 | 1  | 10APR04<br>09:00  | 10APR04<br>09:59 |  |
| 1   | MM-8480E  | 76 | MM1 | DR-N ML-N<br>ORT3-N R-H | R-1     | REMOVE UPPER INTERNALS                            | 1 | 4  | 10APR04<br>10:00  | 10APR04<br>13:59 |  |
| 1   | MM-8480Q  | 76 | MM1 | DR-Y ML-Y<br>ORT3-Y R-H | R-1     | CLEAN REACTOR HEAD<br>STUDS                       | 6 | 45 | 12APR04<br>17:00* | 16APR04<br>01:59 |  |
| 1   | MM0214052 | 76 | MM1 | DR-N ML-N<br>ORT3-N R-M | HX-001A | HX-1A, OPEN SG HANDHOLES                          | 1 | 10 | 13APR04<br>11:00* | 13APR04<br>20:59 |  |

| MECHANICAL MAINTENANCE- RIDINGS/BRITT (RCP "B") |           |    |     |                         |        |   |   |    |                   |                  |  |
|---|-----------|----|-----|-------------------------|--------|---|---|----|-------------------|------------------|--|
| 1   | MM-8485M  | 76 | MM3 | DR-N ML-N<br>ORT3-N R-M | P-001B | SET UP & TEST SEAL<br>COLLECTION SYS.       | 1 | 5  | 06APR04<br>17:00* | 06APR04<br>21:59 |  |
| 1   | MM-8486   | 76 | MM3 | DR-Y ML-Y<br>ORT3-N R-M | P-001B | REMOVE UPPER CC PIPING,<br>P-1B             | 1 | 6  | 07APR04<br>08:00  | 07APR04<br>13:59 |  |
| 1   | MM-8485B  | 76 | MM3 | DR-Y ML-Y<br>ORT3-Y R-M | P-001B | UNCOUPLE AND BACKSEAT<br>P-1B               | 1 | 6  | 08APR04<br>17:00  | 08APR04<br>22:59 |  |
| 1   | MM-8485B1 | 76 | MM3 | DR-Y ML-Y<br>ORT3-Y R-M | P-001B | PLACE BACKSEAT<br>COLLECTION SYS IN SERVICE | 1 | 1  | 08APR04<br>22:00  | 08APR04<br>22:59 |  |
| 1   | MM-8485C  | 76 | MM3 | DR-Y ML-Y<br>ORT3-Y R-M | P-001B | P-1B, REMOVE PUMP<br>COUPLING RMP 9002-5    | 1 | 14 | 10APR04<br>01:00  | 10APR04<br>14:59 |  |

CONTAINMENT FUEL UPENDER  
0212777 - 128MM

REACTOR VESSEL AND ASSEMBLY  
0214134 - 128MM

REACTOR VESSEL AND ASSEMBLY  
0214134 - 128MM

REACTOR VESSEL AND ASSEMBLY  
0214134 - 128MM

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REACTOR VESSEL AND ASSEMBLY  
0214134 - 128MM

REACTOR VESSEL AND ASSEMBLY   
0214134 - 128MM

STEAM GENERATOR   
0214052 - 128MM



| after 06APR04 12:00 |           |   |    |    |     |   |        |            |    | Defined Critical Path |   |    |    |   |   |        |            |   |           | after 06APR04 12:00                           |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |
|---------------------|-----------|---|----|----|-----|---|--------|------------|----|-----------------------|---|----|----|---|---|--------|------------|---|-----------|---|----|----|---|---|--------|------------|---|-----------|---|----|----|---|---|--------|------------|---|-----------|---|----|----|---|---|--------|------------|---|
| U                   | ID        | DESCRIPTION                                   | OD | RD | Cal | U | SYS    | EQID       | TF | APR                   |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |
|                     |           |   |    |    |     |   |        |            |    | 6                     |   |    |    |   |   | 7      |            |   |           |   |    | 8  |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |
| 06APR04 00:00       |           |   |    |    |     |   |        |            |    | 06APR04 00:00         |   |    |    |   |   |        |            |   |           | 06APR04 00:00                                 |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |
| 1                   | TG-30110  | RIG AND REMOVE HP OUTER CYLINDER COVER        | 10 | 1  | P   | 1 | TU     | TG-01-T    | 3  | TG-30110              | RIG AND REMOVE HP OUTER CYLINDER COVER        | 10 | 1  | P | 1 | TU     | TG-01-T    | 3 | TG-30110  | RIG AND REMOVE HP OUTER CYLINDER COVER        | 10 | 1  | P | 1 | TU     | TG-01-T    | 3 | TG-30110  | RIG AND REMOVE HP OUTER CYLINDER COVER        | 10 | 1  | P | 1 | TU     | TG-01-T    | 3 | TG-30110  | RIG AND REMOVE HP OUTER CYLINDER COVER        | 10 | 1  | P | 1 | TU     | TG-01-T    | 3 |
| 1                   | ORT-003A2 | A TRAIN ESFAS W/LOSS OF AC                    | 8  | 3  | 1   | 1 | SI     | O-RT-003A  | 0  | ORT-003A2             | A TRAIN ESFAS W/LOSS OF AC                    | 8  | 3  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A2 | A TRAIN ESFAS W/LOSS OF AC                    | 8  | 3  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A2 | A TRAIN ESFAS W/LOSS OF AC                    | 8  | 3  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A2 | A TRAIN ESFAS W/LOSS OF AC                    | 8  | 3  | 1 | 1 | SI     | O-RT-003A  | 0 |
| 0                   | EM0215148 | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     | 4  | 2  | 1   | 0 | DG     | G-01       | 1  | EM0215148             | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     | 4  | 2  | 1 | 0 | DG     | G-01       | 1 | EM0215148 | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     | 4  | 2  | 1 | 0 | DG     | G-01       | 1 | EM0215148 | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     | 4  | 2  | 1 | 0 | DG     | G-01       | 1 | EM0215148 | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     | 4  | 2  | 1 | 0 | DG     | G-01       | 1 |
| 1                   | EM0400044 | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      | 1  | 1  | 1   | 1 | 480V   | B52-14C    | 2  | EM0400044             | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      | 1  | 1  | 1 | 1 | 480V   | B52-14C    | 2 | EM0400044 | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      | 1  | 1  | 1 | 1 | 480V   | B52-14C    | 2 | EM0400044 | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      | 1  | 1  | 1 | 1 | 480V   | B52-14C    | 2 | EM0400044 | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      | 1  | 1  | 1 | 1 | 480V   | B52-14C    | 2 |
| 1                   | EM0400048 | 1A52-57 PERFORM BKR SWAP IN U1R28             | 1  | 1  | 1   | 1 | 4.16KV | A52-57     | 2  | EM0400048             | 1A52-57 PERFORM BKR SWAP IN U1R28             | 1  | 1  | 1 | 1 | 4.16KV | A52-57     | 2 | EM0400048 | 1A52-57 PERFORM BKR SWAP IN U1R28             | 1  | 1  | 1 | 1 | 4.16KV | A52-57     | 2 | EM0400048 | 1A52-57 PERFORM BKR SWAP IN U1R28             | 1  | 1  | 1 | 1 | 4.16KV | A52-57     | 2 | EM0400048 | 1A52-57 PERFORM BKR SWAP IN U1R28             | 1  | 1  | 1 | 1 | 4.16KV | A52-57     | 2 |
| 1                   | TG-30120  | UNBOLT & RMV U/H BLADE RGS & INNER STM GLAND  | 20 | 20 | P   | 1 | TU     | TG-01-T    | 3  | TG-30120              | UNBOLT & RMV U/H BLADE RGS & INNER STM GLAND  | 20 | 20 | P | 1 | TU     | TG-01-T    | 3 | TG-30120  | UNBOLT & RMV U/H BLADE RGS & INNER STM GLAND  | 20 | 20 | P | 1 | TU     | TG-01-T    | 3 | TG-30120  | UNBOLT & RMV U/H BLADE RGS & INNER STM GLAND  | 20 | 20 | P | 1 | TU     | TG-01-T    | 3 | TG-30120  | UNBOLT & RMV U/H BLADE RGS & INNER STM GLAND  | 20 | 20 | P | 1 | TU     | TG-01-T    | 3 |
| 1                   | ORT-003A3 | RESTORE A TRAIN ESFAS                         | 6  | 6  | 1   | 1 | SI     | O-RT-003A  | 0  | ORT-003A3             | RESTORE A TRAIN ESFAS                         | 6  | 6  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A3 | RESTORE A TRAIN ESFAS                         | 6  | 6  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A3 | RESTORE A TRAIN ESFAS                         | 6  | 6  | 1 | 1 | SI     | O-RT-003A  | 0 | ORT-003A3 | RESTORE A TRAIN ESFAS                         | 6  | 6  | 1 | 1 | SI     | O-RT-003A  | 0 |
| 1                   | AP0215119 | 1A-06 CALIBRATE NON-TECH SPEC RELAYS          | 10 | 10 | 8   | 1 | 4.16KV | A-06       | 2  | AP0215119             | 1A-06 CALIBRATE NON-TECH SPEC RELAYS          | 10 | 10 | 8 | 1 | 4.16KV | A-06       | 2 | AP0215119 | 1A-06 CALIBRATE NON-TECH SPEC RELAYS          | 10 | 10 | 8 | 1 | 4.16KV | A-06       | 2 | AP0215119 | 1A-06 CALIBRATE NON-TECH SPEC RELAYS          | 10 | 10 | 8 | 1 | 4.16KV | A-06       | 2 | AP0215119 | 1A-06 CALIBRATE NON-TECH SPEC RELAYS          | 10 | 10 | 8 | 1 | 4.16KV | A-06       | 2 |
| 1                   | IC5.73A   | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS | 14 | 14 | 1   | 1 | SI     | ICP-05.073 | 2  | IC5.73A               | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS | 14 | 14 | 1 | 1 | SI     | ICP-05.073 | 2 | IC5.73A   | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS | 14 | 14 | 1 | 1 | SI     | ICP-05.073 | 2 | IC5.73A   | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS | 14 | 14 | 1 | 1 | SI     | ICP-05.073 | 2 | IC5.73A   | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS | 14 | 14 | 1 | 1 | SI     | ICP-05.073 | 2 |
| 1                   | ORT3COMP  | O-RT-003 LOSS OF SAFEGAURDS BUS TESTING       | 0  | 0  | 1   | 1 | ESF    | MILESTONE  | 0  | ORT3COMP              | O-RT-003 LOSS OF SAFEGAURDS BUS TESTING       | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | ORT3COMP  | O-RT-003 LOSS OF SAFEGAURDS BUS TESTING       | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | ORT3COMP  | O-RT-003 LOSS OF SAFEGAURDS BUS TESTING       | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | ORT3COMP  | O-RT-003 LOSS OF SAFEGAURDS BUS TESTING       | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 |
| 1                   | TESTCOMP  | INTEGRATED ESF TESTING COMPLETE               | 0  | 0  | 1   | 1 | ESF    | MILESTONE  | 0  | TESTCOMP              | INTEGRATED ESF TESTING COMPLETE               | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | TESTCOMP  | INTEGRATED ESF TESTING COMPLETE               | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | TESTCOMP  | INTEGRATED ESF TESTING COMPLETE               | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 | TESTCOMP  | INTEGRATED ESF TESTING COMPLETE               | 0  | 0  | 1 | 1 | ESF    | MILESTONE  | 0 |
| 1                   | OP4D-030  | DRAIN TO 05% PZR LEVEL                        | 3  | 3  | 1   | 1 | RC     | OP-4D      | 0  | OP4D-030              | DRAIN TO 05% PZR LEVEL                        | 3  | 3  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-030  | DRAIN TO 05% PZR LEVEL                        | 3  | 3  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-030  | DRAIN TO 05% PZR LEVEL                        | 3  | 3  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-030  | DRAIN TO 05% PZR LEVEL                        | 3  | 3  | 1 | 1 | RC     | OP-4D      | 0 |
| 07APR04 00:00       |           |   |    |    |     |   |        |            |    | 07APR04 00:00         |   |    |    |   |   |        |            |   |           | 07APR04 00:00                                 |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |           |   |    |    |   |   |        |            |   |
| 1                   | OP4D-050  | PLACE LT-447/447A IN SERVICE                  | 4  | 4  | 1   | 1 | RC     | OP-4D      | 0  | OP4D-050              | PLACE LT-447/447A IN SERVICE                  | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-050  | PLACE LT-447/447A IN SERVICE                  | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-050  | PLACE LT-447/447A IN SERVICE                  | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-050  | PLACE LT-447/447A IN SERVICE                  | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 |
| 1                   | OP4D-060  | DRAIN TO 70% RX LEVEL                         | 4  | 4  | 1   | 1 | RC     | OP-4D      | 0  | OP4D-060              | DRAIN TO 70% RX LEVEL                         | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-060  | DRAIN TO 70% RX LEVEL                         | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-060  | DRAIN TO 70% RX LEVEL                         | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 | OP4D-060  | DRAIN TO 70% RX LEVEL                         | 4  | 4  | 1 | 1 | RC     | OP-4D      | 0 |
| 1                   | IC4.1E-1  | STEAM PRESSURE INSTRUMENTS - INSPECT          | 11 | 11 | 5   | 1 | RP     | ICP-04.001 | 1  | IC4.1E-1              | STEAM PRESSURE INSTRUMENTS - INSPECT          | 11 | 11 | 5 | 1 | RP     | ICP-04.001 | 1 | IC4.1E-1  | STEAM PRESSURE INSTRUMENTS - INSPECT          | 11 | 11 | 5 | 1 | RP     | ICP-04.001 | 1 | IC4.1E-1  | STEAM PRESSURE INSTRUMENTS - INSPECT          | 11 | 11 | 5 | 1 | RP     | ICP-04.001 | 1 | IC4.1E-1  | STEAM PRESSURE INSTRUMENTS - INSPECT          | 11 | 11 | 5 | 1 | RP     | ICP-04.001 | 1 |
| 1                   | O1100-20  | VENT SI ACCUMULATOR T-34A                     | 5  | 5  | 1   | 1 | SI     | T-034A     | 2  | O1100-20              | VENT SI ACCUMULATOR T-34A                     | 5  | 5  | 1 | 1 | SI     | T-034A     | 2 | O1100-20  | VENT SI ACCUMULATOR T-34A                     | 5  | 5  | 1 | 1 | SI     | T-034A     | 2 | O1100-20  | VENT SI ACCUMULATOR T-34A                     | 5  | 5  | 1 | 1 | SI     | T-034A     | 2 | O1100-20  | VENT SI ACCUMULATOR T-34A                     | 5  | 5  | 1 | 1 | SI     | T-034A     | 2 |
| 1                   | OP4D-080  | DRAIN RX TO 60% / BURP STEAM GENERATORS       | 12 | 12 | 1   | 1 | RC     | OP-4D      | 0  | OP4D-080              | DRAIN RX TO 60% / BURP STEAM GENERATORS       | 12 | 12 | 1 | 1 | RC     | OP-4D      | 0 | OP4D-080  | DRAIN RX TO 60% / BURP STEAM GENERATORS       | 12 | 12 | 1 | 1 | RC     | OP-4D      | 0 | OP4D-080  | DRAIN RX TO 60% / BURP STEAM GENERATORS       | 12 | 12 | 1 | 1 | RC     | OP-4D      | 0 | OP4D-080  | DRAIN RX TO 60% / BURP STEAM GENERATORS       | 12 | 12 | 1 | 1 | RC     | OP-4D      | 0 |
| 1                   | O1100-40  | DRAIN SI ACCUMULATOR T-34A                    | 12 | 12 | 1   | 1 | SI     | T-034A     | 2  | O1100-40              | DRAIN SI ACCUMULATOR T-34A                    | 12 | 12 | 1 | 1 | SI     | T-034A     | 2 | O1100-40  | DRAIN SI ACCUMULATOR T-34A                    | 12 | 12 | 1 | 1 | SI     | T-034A     | 2 | O1100-40  | DRAIN SI ACCUMULATOR T-34A                    | 12 | 12 | 1 | 1 | SI     | T-034A     | 2 | O1100-40  | DRAIN SI ACCUMULATOR T-34A                    | 12 | 12 | 1 | 1 | SI     | T-034A     | 2 |

| after 06APR04 12:00       |           |  | Defined Critical Path |    |     |  |     |            |    | after 06APR04 12:00  |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
|---------------------------|-----------|--|-----------------------|----|-----|--|-----|------------|----|--|---|--------------|----|----|----|----|----|----|----|---|---|---|---|---|----|----|----|----|----|----|----|---|---|---|---|---|----|----|----|----|----|----|----|
| U                         | ID        | DESCRIPTION                              | OD                    | RD | Cal | U  | SYS | EQID       | TF | APR  |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
|                           |           |  |                       |    |     |  |     |            |    | 6  |   |              | 7  |    |    | 8  |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
|                           |           |  |                       |    |     |  |     |            |    | 4  | 6 | 8            | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| <b>07APR04 00:00</b>      |           |  |                       |    |     |  |     |            |    | <b>07APR04 00:00</b>   |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | TG-30200  | CHART HP TURBINE SPINDLE                 | 4                     | 4  | P   | 1  | TU  | TG-01-T    | 3  | TG-30200 CHART HP TURBINE SPINDLE<br>07APR04 13:00 [ ] 0302153 - 07APR04 16:59                 |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | IC4.1E-2  | STEAM PRESSURE INSTRUMENTS - INSPECT     | 20                    | 20 | 5   | 1  | RP  | ICP-04.001 | 1  | IC4.1E-2 STEAM PRESSURE INSTRUMENTS - INSPECT<br>0300826 - 09APR04 11:59 07APR04 16:00 [ ]     |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | TG-30230  | RIG AND MOVE HP SPINDLE TO STAND         | 7                     | 7  | P   | 1  | TU  | TG-01-T    | 3  | TG-30230 RIG AND MOVE HP SPINDLE TO STAND<br>07APR04 17:00 [ ] 0302153 - 07APR04 23:59         |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-090  | VENT/BURP/ALIGN RCDT                     | 2                     | 2  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-090 VENT/BURP/ALIGN RCDT<br>07APR04 20:00 [ ] 07APR04 21:59                               |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OI56-010  | DRAIN TRANSFER CANAL                     | 16                    | 16 | 1   | 1  | FH  | OI-56      | 2  | OI56-010 DRAIN TRANSFER CANAL<br>07APR04 20:00 [ ] 08APR04 11:59                               |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-098  | DRAIN TO 55% RX LEVEL                    | 4                     | 4  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-098 DRAIN TO 55% RX LEVEL<br>07APR04 22:00 [ ] 08APR04 01:59                              |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| <b>08APR04 00:00</b>      |           |  |                       |    |     |  |     |            |    | <b>08APR04 00:00</b>   |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | T-3718-H  | 1 SI SI-844A MMV REV0-1                  | 3                     | 3  | 1   | 1  | SI  | SI-844A    | 2  | T-3718-H 1 SI SI-844A MMV REV0-1<br>08APR04 00:00 [ ] 0013718 - 08APR04 02:59                  |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | RCX02A1   | ENTER RCS REDUCED INVENTORY (1ST)        | 0                     | 0  | 1   | 1  | XX  | MILESTONE  | 0  | RCX02A1 ENTER RCS REDUCED INVENTORY (1ST)<br>08APR04 02:00 [ ]                                 |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-097  | DRAIN TO 40% RX LEVEL                    | 1                     | 1  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-097 DRAIN TO 40% RX LEVEL<br>08APR04 02:00 [ ] 08APR04 02:59                              |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-096  | PLACE LI-447B IN SERVICE                 | 1                     | 1  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-096 PLACE LI-447B IN SERVICE<br>08APR04 03:00 [ ] 08APR04 03:59                           |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | MM0216334 | 1SI-844A SEAT LEAKAGE                    | 36                    | 36 | 1   | 1  | SI  | SI-00844A  | 2  | MM0216334 1SI-844A SEAT LEAKAGE<br>0216334 - 09APR04 14:59 08APR04 03:00 [ ]                   |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-099  | VERIFY SINGLE TRAIN RHR CAPABILITY       | 2                     | 2  | 1   | 1  | RH  | OP-4D      | 0  | OP4D-099 VERIFY SINGLE TRAIN RHR CAPABILITY<br>08APR04 04:00 [ ] 08APR04 05:59                 |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-100  | DRAIN TO 22 TO 25% (MIDLOOP LEVEL)       | 3                     | 3  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-100 DRAIN TO 22 TO 25% (MIDLOOP LEVEL)<br>08APR04 06:00 [ ] 08APR04 08:59                 |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | TG-30470  | PERFORM HP SPINDLE ROTOR BORE INSPECTION | 70                    | 70 | 5   | 1  | TU  | TG-01-T    | 0  | TG-30470 PERFORM HP SPINDLE ROTOR BORE INSPECTION<br>0302153 - 13APR04 16:59 08APR04 07:00 [ ] |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-101  | VENT THE RCS TO ATMOSPHERIC PRESSURE     | 1                     | 1  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-101 VENT THE RCS TO ATMOSPHERIC PRESSURE<br>08APR04 09:00 [ ] 08APR04 09:59               |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | RCX00A    | RCS BOUNDARY WORK STARTS                 | 0                     | 0  | 1   | 1  | RC  | CONDITION  | 0  | RCX00A RCS BOUNDARY WORK STARTS<br>08APR04 10:00 [ ] 08APR04 09:59                             |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | IC10.42C  | REMOVE RVLIS SPOOL PIECE                 | 1                     | 1  | 1   | 1  | XX  | ICP-10.042 | 0  | IC10.42C REMOVE RVLIS SPOOL PIECE<br>0300894 - 08APR04 10:59 08APR04 10:00 [ ]                 |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| 1                         | OP4D-102  | DRAIN S/G CHANNEL HEADS                  | 2                     | 2  | 1   | 1  | RC  | OP-4D      | 0  | OP4D-102 DRAIN S/G CHANNEL HEADS<br>08APR04 10:00 [ ] 08APR04 11:59                            |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| Run Date                  |           |  | 06APR04 13:08         |    |     | LT-16 DEFINED CRITICAL PATH<br>FL-16 DEFINED CRITICAL PATH SET |     |            |    |  |   | Sheet 2 of 3 |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |
| © Primavera Systems, Inc. |           |  |                       |    |     |  |     |            |    |  |   |              |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |   |   |   |   |   |    |    |    |    |    |    |    |





after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                                       | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                                      | RD  | ES             | EF            | RISK                 | MF  | APR                  |  |                            |   |  |  |
|---|---|------------|------|-------|------------|--|-----|----------------|---------------|----------------------|-----|----------------------|--|----------------------------|---|--|--|
|   |   |            |      |       |            |  |     |                |               |                      |     | 6                    | 7  | 8                          |   |  |  |
|   |   |            |      |       |            |  |     |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                       | 0, 3, 6, 9, 12, 15, 18, 21 |   |  |  |
| <b>ADMINISTRATIVE SERVICES</b>          |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>ADM</b>                                       |                            |   |  |  |
| 1                                       | 1 | NRC-CALL-4 | ADM  |       | MILESTONE  | O.D. CALL NRC TO WITNESS DRAIN TO 55% RX LVL     | 1   | 07APR04 19:00  | 07APR04 19:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | NRC-CALL-4 O.D. CALL NRC TO WITNESS DRAIN TO 55% RX LVL |  |  |
| 2                                       | 1 | NRC-CALL-5 | ADM  |       | MILESTONE  | O.D. CALL NRC TO WITNESS DRAIN TO 25% RX LVL     | 1   | 08APR04 01:00  | 08APR04 01:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | NRC-CALL-5 O.D. CALL NRC TO WITNESS DRAIN TO 25% RX LVL |  |  |
| 3                                       | 1 | NRC-CALL-6 | ADM  |       | MILESTONE  | O.D. CALL NRC TO WITNESS HX-1A CL NOZZLE DAM     | 1   | 08APR04 02:00  | 08APR04 02:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | NRC-CALL-6 O.D. CALL NRC TO WITNESS HX-1A CL NOZZLE DAM |  |  |
| 4                                       | 1 | NRC-CALL-7 | ADM  |       | MILESTONE  | O.D. CALL NRC TO WITNESS REACTOR HEAD LIFT       | 1   | 08APR04 03:00  | 08APR04 03:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | NRC-CALL-7 O.D. CALL NRC TO WITNESS REACTOR HEAD LIFT   |  |  |
| <b>APPLETON RELAY GROUP</b>             |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>APR</b>                                       |                            |   |  |  |
| 5                                       | 1 | AP0215125  | APR  | 78    | F52-122    | PROTECTIVE RELAY CALIBRATION CHECKS              | 5   | 08APR04 11:00A | 08APR04 18:59 | DR-N ML-N ORT3-N R-L | 208 | AP0215125            | PROTECTIVE RELAY CALIBRATION CHECKS              |                            |   |  |  |
| 6                                       | 1 | AP0215119  | APR  | 78    | A-06       | 1A-06 CALIBRATE NON-TECH SPEC RELAYS             | 10  | 06APR04 15:00  | 07APR04 14:59 | DR-N ML-N ORT3-N R-L | 2   | AP0215119            | 1A-06 CALIBRATE NON-TECH SPEC RELAYS             |                            |   |  |  |
| 7                                       | 1 | AP0215131  | APR  | 78    | 86-X-01    | X-01 PROTECTIVE RELAY CALIBRATION CHECKS         | 20  | 07APR04 07:00* | 08APR04 18:59 | DR-Y ML-Y ORT3-Y R-L | 208 | AP0215131            | X-01 PROTECTIVE RELAY CALIBRATION CHECKS         |                            |   |  |  |
| <b>APPLETON STATION GROUP</b>           |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>APS</b>                                       |                            |   |  |  |
| 8                                       | 0 | L12100S1   | APS  |       | F52-121    | LINE 121 OUT OF SERVICE (1ST TIME)               | 72* | 03APR04 04:00A | 09APR04 11:59 | DR-N ML-N ORT3-N R-L | 0   | L12100S1             | LINE 121 OUT OF SERVICE (1ST TIME)               |                            |   |  |  |
| 9                                       | 0 | L121APS1   | APS  |       | F52-121    | APS INSTALL LINE 121 FOUNDATIONS                 | 68  | 03APR04 07:00A | 09APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 0   | L121APS1             | APS INSTALL LINE 121 FOUNDATIONS                 |                            |   |  |  |
| 10                                      | 1 | AP0215101  | APS  | 78    | X-01-A     | COOLING SYSTEM MOTOR INSPECTION AND LUBE         | 5   | 06APR04 07:00A | 06APR04 18:59 | DR-N ML-N ORT3-N R-L | 228 | AP0215101            | COOLING SYSTEM MOTOR INSPECTION AND LUBE         |                            |   |  |  |
| 11                                      | 1 | AP0215102  | APS  | 78    | X-01-B     | COOLING SYSTEM MOTOR INSPECTION AND LUBE         | 10  | 07APR04 07:00* | 07APR04 18:59 | DR-N ML-N ORT3-N R-L | 200 | AP0215102            | COOLING SYSTEM MOTOR INSPECTION AND LUBE         |                            |   |  |  |
| 12                                      | 1 | AP0215103  | APS  | 78    | X-01-C     | COOLING SYSTEM MOTOR INSPECTION AND LUBE         | 10  | 08APR04 07:00* | 08APR04 18:59 | DR-N ML-N ORT3-N R-L | 188 | AP0215103            | COOLING SYSTEM MOTOR INSPECTION AND LUBE         |                            |   |  |  |
| <b>CONSTRUCTION ENGINEERING GROUP</b>   |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>CE</b>  |                            |   |  |  |
| 13                                      | 0 | CE0306041  | CE   | 78    | INTAKE CRI | INSPECT CRIB, INSTALL BUOYS AND FISH             | 11  | 05APR04 10:00A | 07APR04 10:59 |                      | 428 | CE0306041            | INSPECT CRIB, INSTALL BUOYS AND FISH             |                            |   |  |  |
| <b>CONSTRUCTION ENG - K. GRASSO</b>     |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>CE1</b>                                       |                            |   |  |  |
| 14                                      | 1 | CEDVFBAY   | CE1  | 78    | U1-FOREBAY | INSPECT & CLEAN FOREBAY                          | 27  | 05APR04 09:00A | 09APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CEDVFBAY             | INSPECT & CLEAN FOREBAY                          |                            |   |  |  |
| <b>SCAFFOLDING and INSULATION - NPS</b> |   |            |      |       |            |  |     |                |               |                      |     |                      | <b>CE4</b>                                       |                            |   |  |  |
| 15                                      | 1 | CE302141TR | CE4  | 78    | RO-02711   | REMOVE INSULATION FOR RO-2711-12-20-21-32-37-38  | 1   | 02APR04 12:00A | 08APR04 12:59 |                      | 882 | CE302141TR           | REMOVE INSULATION FOR RO-2711-12-20-21-32-37-38  |                            |   |  |  |
| 16                                      | 1 | CE08TGA1TR | CE4  | 77    | IST-SISI   | REM INSUL FOR FAC PROG - TURB HALL 8 FT GEN AREA | 1   | 02APR04 17:00A | 08APR04 12:59 | DR-N ML-N ORT3-N R-L | 246 | CE08TGA1TR           | REM INSUL FOR FAC PROG - TURB HALL 8 FT GEN AREA |                            |   |  |  |

Run Date

06APR04 12:39

LT-03 STANDARD PUBLICATION  
FL-03 Execution Publication Set

Sheet 1 of 33





after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #  | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                                     | RD  | ES             | EF            | RISK                 | MF  | APR                  |   |                            |  |  |   |
|--|---|------------|------|-------|------------|---|-----|----------------|---------------|----------------------|-----|----------------------|---|----------------------------|--|--|---|
|  |   |            |      |       |            |   |     |                |               |                      |     | 6                    | 7   | 8                          |  |  |   |
|  |   |            |      |       |            |   |     |                |               |                      |     | 6                    | 7   | 8                          |  |  |   |
|  |   |            |      |       |            |   |     |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                      | 0, 3, 6, 9, 12, 15, 18, 21 |  |  |   |
| <b>SCAFFOLDING and INSULATION - NPS</b>  |   |            |      |       |            |   |     |                |               |                      |     | <b>CE4</b>           |   |                            |  |  |   |
| 55                                       | 1 | CE213779SI | CE4  | 76    | FD-00145   | BUILD RIGGING SCAFFOLDING FOR 1FD-145           | 10  | 08APR04 14:00  | 08APR04 23:59 | DR-N ML-N ORT3-N R-L | 0   |                      |   |                            |  |  | CE213779SI BUILD RIGGING 0213779          |
| <b>CONSTRUCTION ENG - G. GOZDZIALSKI</b> |   |            |      |       |            |   |     |                |               |                      |     | <b>CE5</b>           |   |                            |  |  |   |
| 56                                       | 1 | CE0309424  | CE5  | 76    | CW-00138A  | 1CW-138A, REPAIR LEAKING PIPING                 | 5   | 05APR04 07:00A | 06APR04 21:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0309424            | 1CW-138A, REPAIR LEAKING PIPING                 |                            |  |  | P-30A CWP DISCHARGE HEADER VENT 0309424   |
| 57                                       | 1 | CESISIPREP | CE5  |       | IST-SISI   | PREP OF SECONDARY COMPONENTS FOR FAC            | 259 | 05APR04 07:00A | 19APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 109 | CESISIPREP           | PREP OF SECONDARY COMPONENTS FOR FAC            |                            |  |  |   |
| 58                                       | 1 | CE0212852  | CE5  | 76    | FD-00040   | 1FD-40, REPLACE VALVE                           | 11  | 06APR04 11:00A | 06APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0212852            | 1FD-40, REPLACE VALVE                           |                            |  |  | HX-21A HP FWH 5A OPERATING VENT           |
| 59                                       | 1 | CE0309511  | CE5  | 76    | SW-02862   | 1SW-2862 - RECONFIGURE RELIEF VALVE             | 12  | 06APR04 22:00  | 07APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0309511            | 1SW-2862 - RECONFIGURE RELIEF VALVE             |                            |  |  | HX-53A AIR SIDE SEAL OIL COOLER OUTLET RE |
| 60                                       | 1 | CE0309503  | CE5  | 76    | CS-00068   | 1CS-66 - REPLACE VALVE                          | 10  | 07APR04 01:00  | 07APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 52  | CE0309503            | 1CS-66 - REPLACE VALVE                          |                            |  |  | 1F-288 SGFP 1PS-2294 AND 1PS-2156A-C ROO  |
| 61                                       | 1 | CE0302691  | CE5  | 76    | HX-046A    | 1HX-46A UNION LEAK                              | 10  | 07APR04 07:00  | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0302691            | 1HX-46A UNION LEAK                              |                            |  |  | AIR EJECTOR INTERCONDENSER                |
| 62                                       | 1 | CE0216332  | CE5  | 76    | FD-00204B  | 1FD-204B STEAM LEAK, REPLACE VALVE              | 20  | 07APR04 12:00  | 08APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0216332            | 1FD-204B STEAM LEAK, REPLACE VALVE              |                            |  |  | HX-21B HP FWH                             |
| 63                                       | 1 | CE0309512  | CE5  | 76    | SW-02881   | 1SW-2881 - RECONFIGURE RELIEF VALVE             | 12  | 07APR04 14:00  | 08APR04 01:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0309512            | 1SW-2881 - RECONFIGURE RELIEF VALVE             |                            |  |  | HX-53B H2 SIDE SEAL OIL COO               |
| 64                                       | 1 | CE0301715  | CE5  | 76    | MS-00111   | 1MS-111 - REPLACE VALVE                         | 14  | 07APR04 17:00  | 08APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0301715            | 1MS-111 - REPLACE VALVE                         |                            |  |  | STEAM TO Z-53C-H                          |
| 65                                       | 1 | CE0309006  | CE5  | 76    | MS-00231   | 1MS-231 - REPLACE VALVE                         | 28  | 08APR04 02:00  | 09APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0309006            | 1MS-231 - REPLACE VALVE                         |                            |  |  |   |
| 66                                       | 1 | CE0216335  | CE5  | 76    | SI-00845A  | 1SI-845A SEAT LEAKAGE                           | 18  | 08APR04 06:00  | 08APR04 21:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CE0216335            | 1SI-845A SEAT LEAKAGE                           |                            |  |  |   |
| <b>CONSTRUCTION ENG - S. CARTER</b>      |   |            |      |       |            |   |     |                |               |                      |     | <b>CE6</b>           |   |                            |  |  |   |
| 67                                       | 0 | CE0210986  | CE6  | 77    | SEC        | SEC SUPPORT MR 99-011*B                         | 147 | 05APR04 07:00A | 30APR04 14:59 | DR-N ML-N ORT3-N R-L | 64  | CE0210986            | SEC SUPPORT MR 99-011*B                         |                            |  |  |   |
| 68                                       | 0 | CE0210989  | CE6  | 76    | SEC        | SEC, INSTALL NEW EQUIP MR 99-011*E              | 147 | 05APR04 07:00A | 30APR04 14:59 | DR-N ML-N ORT3-N R-L | 64  | CE0210989            | SEC, INSTALL NEW EQUIP MR 99-011*E              |                            |  |  |   |
| 69                                       | 1 | CE0306103A | CE6  | 76    | 102-1/TG-0 | MR 01-092 (102-1/TG-01 REPLACE PROT RELAYS)     | 29  | 07APR04 00:00  | 08APR04 04:59 | DR-N ML-N ORT3-N R-L | 0   | CE0306103A           | MR 01-092 (102-1/TG-01 REPLACE PROT RELAYS)     |                            |  |  | 1TG-01-G GENERATOR ML                     |
| 70                                       | 1 | CE0306104A | CE6  | 76    | 102-2/TG-0 | MR 01-092 (102-2/TG-01 R&R GEN PROT RELAYS) PT1 | 29  | 07APR04 00:00  | 08APR04 04:59 | DR-N ML-N ORT3-N R-L | 0   | CE0306104A           | MR 01-092 (102-2/TG-01 R&R GEN PROT RELAYS) PT1 |                            |  |  | 1TG-01-G GENERATOR ML                     |
| <b>CONSTRUCTION ENG - L. GAUTHIER</b>    |   |            |      |       |            |   |     |                |               |                      |     | <b>CE8</b>           |   |                            |  |  |   |
| 71                                       | 1 | CE-1600-21 | CE8  | 76    | R-1        | SETUP UNDERHEAD INSPECTION EQUIPMENT            | 24  | 05APR04 12:00A | 07APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 85  | CE-1600-2            | SETUP UNDERHEAD INSPECTION EQUIPMENT            |                            |  |  | REACTOR VESSEL AND ASSEMBLY 0213472       |

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# WORKING SCHEDULE

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| #                                     | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                          | RD | ES             | EF            | RISK                 | MF  | APR                  |   |                            |  |  |
|---------------------------------------|---|------------|------|-------|------------|--------------------------------------|----|----------------|---------------|----------------------|-----|----------------------|---|----------------------------|--|--|
|                                       |   |            |      |       |            |                                      |    |                |               |                      |     | 6                    | 7   | 8                          |  |  |
|                                       |   |            |      |       |            |                                      |    |                |               |                      |     | 6                    | 7   | 8                          |  |  |
|                                       |   |            |      |       |            |                                      |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21  | 0, 3, 6, 9, 12, 15, 18, 21 |  |  |
| <b>CONSTRUCTION ENG - L. GAUTHIER</b> |   |            |      |       |            |                                      |    |                |               |                      |     | <b>CE8</b>           |   |                            |  |  |
| 72                                    | 1 | CE0304884A | CE8  | 78    | R-1        | INSTALL NEW INSULATION FOLLOWING BMI | 6  | 06APR04 03:00A | 06APR04 17:59 | DR-Y ML-Y ORT3-Y R-L | 14  | CE0304884A           | INSTALL NEW INSULATION FOLLOWING BMI INSPECTION REACTOR VESSEL AND ASSEMBLY | 0304884                    |  |  |
| <b>CHEMISTRY</b>                      |   |            |      |       |            |                                      |    |                |               |                      |     | <b>CH</b>            |   |                            |  |  |
| 73                                    | 1 | CH0300438  | CH   | 77    | CHEM-SAMPL | RE-229 ISOTOPIC                      | 24 | 05APR04 07:00A | 09APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 187 | CH0300438            | RE-229 ISOTOPIC   |                            |  |  |
| 74                                    | 0 | CH0300193  | CH   | 77    | CHEM-SAMPL | BAST BORON TSR 3.5.1.2               | 27 | 05APR04 07:00A | 09APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 184 | CH0300193            | BAST BORON TSR 3.5.1.2  |                            |  |  |
| 75                                    | 1 | CH0300383  | CH   | 77    | CHEM-SAMPL | SGBDFO GAMMA SCAN                    | 27 | 05APR04 07:00A | 09APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 184 | CH0300383            | SGBDFO GAMMA SCAN   |                            |  |  |
| 76                                    | 2 | CH0300509  | CH   | 77    | CHEM-SAMPL | RCS DO TSR 3.4.5.1                   | 27 | 05APR04 07:00A | 09APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 184 | CH0300509            | RCS DO TSR 3.4.5.1  |                            |  |  |
| 77                                    | 2 | CH0300522  | CH   | 77    | CHEM-SAMPL | SGBDFO GAMMA SCAN                    | 27 | 05APR04 07:00A | 09APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 184 | CH0300522            | SGBDFO GAMMA SCAN   |                            |  |  |
| 78                                    | 2 | CH0300548  | CH   | 77    | CHEM-SAMPL | RE-229 ISOTOPIC                      | 27 | 05APR04 07:00A | 09APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 184 | CH0300548            | RE-229 ISOTOPIC   |                            |  |  |
| 79                                    | 1 | CH0300356  | CH   | 77    | CHEM-SAMPL | RCS CL TSR 3.4.5.2                   | 40 | 05APR04 07:00A | 10APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 275 | CH0300356            | RCS CL TSR 3.4.5.2  |                            |  |  |
| 80                                    | 1 | CH0300399  | CH   | 77    | CHEM-SAMPL | RCS BORON SR 3.9.1.1                 | 40 | 05APR04 07:00A | 10APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 275 | CH0300399            | RCS BORON SR 3.9.1.1  |                            |  |  |
| 81                                    | 1 | CH0300369  | CH   | 77    | CHEM-SAMPL | RCS DO TSR 3.4.5.1                   | 41 | 05APR04 07:00A | 10APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 274 | CH0300369            | RCS DO TSR 3.4.5.1  |                            |  |  |
| 82                                    | 2 | CH0300496  | CH   | 77    | CHEM-SAMPL | RCS CL TSR 3.4.5.2                   | 24 | 05APR04 12:00A | 09APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 187 | CH0300496            | RCS CL TSR 3.4.5.2  |                            |  |  |
| 83                                    | 1 | RP1A-020   | CH   |       | O-RP-001A  | SAMPLE/ANALYZE RHR                   | 2  | 07APR04 03:00  | 07APR04 04:59 | DR-N ML-N ORT3-N R-L | 46  |                      | RP1A-020 SAMPLE/ANALYZE RHR PREPARATION FOR REFUELING                       |                            |  |  |
| 84                                    | 2 | CH0300562  | CH   | 77    | CHEM-SAMPL | RCS GROSS ACTIVITY SR 3.04.16.01     | 6  | 07APR04 07:00* | 07APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 202 | CH0300562            | RCS GROSS ACTIVITY SR 3.04.16.01  |                            |  |  |
| 85                                    | 2 | CH0300493  | CH   | 78    | CHEM-SAMPL | UNIT 2 SI ACCUMULATOR SAMPLING/      | 0  | 08APR04 07:00* | 07APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 200 | CH0300493            | UNIT 2 SI ACCUMULATOR SAMPLING/   |                            |  |  |
| 86                                    | 0 | CH0300229  | CH   | 77    | CHEM-SAMPL | SFP BORON SR 3.7.11.1                | 1  | 08APR04 07:00* | 08APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 199 | CH0300229            | SFP BORON SR 3.7.11.1   |                            |  |  |
| 87                                    | 0 | CH0300242  | CH   | 77    | CHEM-SAMPL | WASTEWATER EFFLUENT COMPOSITE        | 1  | 08APR04 07:00* | 08APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 199 | CH0300242            | WASTEWATER EFFLUENT COMPOSITE   |                            |  |  |
| 88                                    | 1 | CH0300458  | CH   | 77    | CHEM-SAMPL | RWST BORON SR 3.05.04.3              | 1  | 08APR04 07:00* | 08APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 199 | CH0300458            | RWST BORON SR 3.05.04.3   |                            |  |  |
| 89                                    | 2 | CH0300587  | CH   | 77    | CHEM-SAMPL | RWST BORON SR 3.05.04.3              | 1  | 08APR04 07:00* | 08APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 199 | CH0300587            | RWST BORON SR 3.05.04.3   |                            |  |  |

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# WORKING SCHEDULE

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| #                             | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                               | RD | ES             | EF            | RISK                 | MF  | APR                    |   |   |  |
|-------------------------------|---|------------|------|-------|------------|---|----|----------------|---------------|----------------------|-----|------------------------|---|---|--|
|                               |   |            |      |       |            |   |    |                |               |                      |     | 6                      | 7   | 8   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | , 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                    | 0, 3, 6, 9, 12, 15, 18, 21                      |  |
| <b>ELECTRICAL MAINTENANCE</b> |   |            |      |       |            |   |    |                |               |                      |     | <b>EM</b>              |   |   |  |
| 90                            | 1 | EM0212932  | EM   | 76    | Z-018      | 1Z-18 REPLACE NUTS LS-1                   | 1  | 05APR04 11:00A | 06APR04 12:59 | DR-N ML-N ORT3-N R-L | 34  | EM0212932              | 1Z-18 REPLACE NUTS LS-1                       |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | REACTOR CAVITY MANIPULATOR 0212932              |  |
| 91                            | 1 | EM0212762  | EM   | 76    | Z-018      | 1Z-18 LS-5 & LS-10 STICKING               | 2  | 05APR04 11:00A | 06APR04 13:59 | DR-N ML-N ORT3-N R-L | 33  | EM0212762              | 1Z-18 LS-5 & LS-10 STICKING                   |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | REACTOR CAVITY MANIPULATOR 0212762              |  |
| 92                            | 1 | EZMRCP-2   | EM   | 76    | P-001B-M   | INSP RCP MOTOR WITH LIFT PUMP ENERGIZED   | 8  | 06APR04 07:00A | 06APR04 17:59 | DR-N ML-N ORT3-Y R-L | 11  | EZMRCP-                | INSP RCP MOTOR WITH LIFT PUMP ENERGIZED       |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | REACTOR COOLANT PUMP MOTOR 0215205              |  |
| 93                            | 1 | EM0215233  | EM   | 76    | Z-018      | Z-018 INSPECT, MAINTAIN AND               | 15 | 06APR04 07:00A | 07APR04 02:59 | DR-N ML-N ORT3-N R-L | 0   | EM0215233              | Z-018 INSPECT, MAINTAIN AND LUBRICATE         |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | REACTOR CAVITY MANIPULATOR 0215233              |  |
| 94                            | 0 | EM0215148  | EM   | 76    | G-01       | MONITOR G-01 IAW RMP 9172 DURING -ORT-003 | 2  | 06APR04 10:00A | 06APR04 13:59 | DR-N ML-N ORT3-N R-M | 1   | EM0215148              | MONITOR G-01 IAW RMP 9172 DURING -ORT-003     |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | EMERGENCY DIESEL GENERATOR 0215148              |  |
| 95                            | 1 | EM0400044  | EM   | 76    | B52-14C    | 1B52-14C PERF BREAKER SWAP                | 1  | 06APR04 12:00  | 06APR04 12:59 | DR-N ML-N ORT3-N R-L | 2   | EM0400044              | 1B52-14C PERF BREAKER SWAP DURING ORT 3A      |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | PWR TO 1B-31 PRIMARY AUXILIARY BLDG MCC         |  |
| 96                            | 1 | EM0400048  | EM   | 76    | A52-57     | 1A52-57 PERFORM BKR SWAP IN U1R28         | 1  | 06APR04 12:00  | 06APR04 12:59 | DR-N ML-N ORT3-N R-L | 2   | EM0400048              | 1A52-57 PERFORM BKR SWAP IN U1R28             |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | TIE TO BUS 1A-03 (1A00-38)                      |  |
| 97                            | 1 | EM0215153  | EM   | 76    | P-030B-M   | P-030B MCE ANALYZE MOTOR (1A52-12/1A-02)  | 3  | 06APR04 17:00* | 06APR04 19:59 | DR-N ML-N ORT3-N R-L | 478 | EM0215153              | P-030B MCE ANALYZE MOTOR (1A52-12/1A-02)      |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | CIRCULATING WATER PUMP MOTOR                    |  |
| 98                            | 1 | EM0215239  | EM   | 77    | 120V       | INSTALL CONTAINMENT POWER SUPPLIES        | 3  | 06APR04 17:00* | 06APR04 19:59 | DR-N ML-N ORT3-N R-L | 0   | EM0215239              | INSTALL CONTAINMENT POWER SUPPLIES            |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | 120V SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT |  |
| 99                            | 2 | EM0305105  | EM   | 76    | D-205      | UNIT 2 MONTHLY NON-SAFETY 125V DC         | 4  | 06APR04 17:00* | 06APR04 20:59 | DR-N ML-N ORT3-N R-M | 874 | EM0305105              | UNIT 2 MONTHLY NON-SAFETY 125V DC STATION     |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | 125V DC STATION BATTERY                         |  |
| 100                           | 0 | EM0305217  | EM   | 76    | D-48       | MONTHLY COMMUNICATION                     | 4  | 06APR04 17:00* | 06APR04 20:59 | DR-Y ML-Y ORT3-N R-L | 874 | EM0305217              | MONTHLY COMMUNICATION BATTERY INSP            |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | TELEPHONE EQUIPMENT BATTERY                     |  |
| 101                           | 0 | EM0305222  | EM   | 76    | D-48       | QUARTERLY COMMUNICATION                   | 4  | 06APR04 17:00* | 06APR04 20:59 | DR-Y ML-Y ORT3-N R-L | 874 | EM0305222              | QUARTERLY COMMUNICATION BATTERY INSP          |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | TELEPHONE EQUIPMENT BATTERY                     |  |
| 102                           | 1 | EM0216165A | EM   | 77    | HX-001A    | CONNECT EDDY CURRENT POWER                | 5  | 06APR04 17:00* | 06APR04 21:59 | DR-Y ML-Y ORT3-N R-L | 58  | EM0216165A             | CONNECT EDDY CURRENT POWER INSIDE CONTAINMENT |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | STEAM GENERATOR                                 |  |
| 103                           | 1 | EM0406208  | EM   | 80    | Z-795      | REMOVE OLD MOTOR STAND                    | 8  | 06APR04 17:00* | 07APR04 00:59 | DR-Y ML-Y ORT3-Y R-L | 0   | EM0406208              | REMOVE OLD MOTOR STAND                        |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | P-1A/B RCP MOTOR CONTAINMENT STORAGE STAND      |  |
| 104                           | 1 | EM0216165  | EM   | 77    | HX-001A    | CONNECT POWER SUPPLIES SLUDGE             | 10 | 06APR04 17:00* | 07APR04 02:59 | DR-N ML-N ORT3-N R-L | 162 | EM0216165              | CONNECT POWER SUPPLIES SLUDGE TRAILER         |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | STEAM GENERATOR                                 |  |
| 105                           | 1 | EM0203129A | EM   | 76    | W-001C2-M  | 1W-1C2-M REPLACE MOTOR                    | 36 | 06APR04 17:00* | 09APR04 04:59 | DR-N ML-N ORT3-N R-L | 12  | EM0203129A             | 1W-1C2-M REPLACE MOTOR                        |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   |   |  |
| 106                           | 1 | EM0215239A | EM   | 77    | 120V       | HOOK-UP CONTAINMENT POWER                 | 2  | 06APR04 20:00* | 06APR04 21:59 | DR-N ML-N ORT3-N R-L | 413 | EM0215239A             | HOOK-UP CONTAINMENT POWER SUPPLIES            |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | 120V SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT |  |
| 107                           | 0 | EM0305200  | EM   | 76    | 125V       | STATION TECH SPEC BATTERIES WEEKLY        | 3  | 06APR04 21:00* | 06APR04 23:59 | DR-N ML-N ORT3-N R-M | 75  | EM0305200              | STATION TECH SPEC BATTERIES WEEKLY            |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | 125V SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT |  |
| 108                           | 2 | EM0305127  | EM   | 76    | U2A-UV REL | TEST U2A-UV RELAYS 2RMP 9071-1 & 9075-1   | 4  | 06APR04 21:00* | 07APR04 00:59 | DR-N ML-N ORT3-N R-M | 0   | EM0305127              | TEST U2A-UV RELAYS 2RMP 9071-1 & 9075-1       |   |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     |                        |   | TRAIN A 4.16 KV AND 480 V SWITCHGEAR RELAY TEST |  |

Run Date

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                             | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                             | RD | ES             | EF            | RISK                 | MF  | APR                  |  |                            |  |
|-------------------------------|---|------------|------|-------|------------|---|----|----------------|---------------|----------------------|-----|----------------------|--|----------------------------|--|
|                               |   |            |      |       |            |   |    |                |               |                      |     | 6                    | 7  | 8                          |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                       | 0, 3, 6, 9, 12, 15, 18, 21 |  |
| <b>ELECTRICAL MAINTENANCE</b> |   |            |      |       |            |   |    |                |               |                      |     | <b>EM</b>            |  |                            |  |
| 109                           | 1 | EM0309006  | EM   | 76    | MS-00231   | 1MS-231, DETERM HEAT TRACE              | 5  | 06APR04 21:00* | 07APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 24  | EM0309006            | 1MS-231, DETERM HEAT TRACE                       |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0309006              | HX-1A SG HEADER ST-2029 INLET                    |                            |  |
| 110                           | 1 | EM0301755  | EM   | 76    | C-041      | RX TRIP SWITCHGEAR BUSWORK INSPECTION   | 8  | 06APR04 22:00  | 07APR04 05:59 | DR-N ML-N ORT3-N R-L | 0   | EM0301755            | RX TRIP SWITCHGEAR BUSWORK INSPECTION            |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0301755              | ROD CTL MGR/REACTOR TRIP BKR SWITCHGEAR CTL PANE |                            |  |
| 111                           | 1 | EM0215211  | EM   | 76    | P-028B-M   | 1P28B MCE ANALYZE MOTOR (1A52-13/1A-02) | 3  | 07APR04 01:00* | 07APR04 03:59 | DR-N ML-N ORT3-N R-M | 0   | EM0215211            | 1P28B MCE ANALYZE MOTOR (1A52-13/1A-02)          |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215211              | STEAM GENERATOR FEED PUMP MOTOR                  |                            |  |
| 112                           | 2 | EM0305132  | EM   | 76    | U2B-UV REL | TEST U2B-UV RELAYS 2RMP 9071-2 & 9075-2 | 4  | 07APR04 01:00* | 07APR04 04:59 | DR-N ML-N ORT3-N R-M | 17  | EM0305132            | TEST U2B-UV RELAYS 2RMP 9071-2 & 9075-2          |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0305132              | TRAIN B 4.16 KV AND 480 V SWITCHGEAR RELAY TEST  |                            |  |
| 113                           | 1 | EZMRCP-A3A | EM   | 76    | P-001B-M   | ASSEMBLE MOTOR STAND                    | 6  | 07APR04 01:00  | 07APR04 06:59 | DR-N ML-N ORT3-N R-L | 52  | EZMRCP-A3A           | ASSEMBLE MOTOR STAND                             |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215205              | REACTOR COOLANT PUMP MOTOR                       |                            |  |
| 114                           | 1 | EM0215210  | EM   | 76    | P-028A-M   | 1P28A MCE ANALYZE MOTOR (1A52-05/1A-01) | 5  | 07APR04 04:00* | 07APR04 08:59 | DR-N ML-N ORT3-N R-M | 0   | EM0215210            | 1P28A MCE ANALYZE MOTOR (1A52-05/1A-01)          |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215210              | STEAM GENERATOR FEED PUMP MOTOR                  |                            |  |
| 115                           | 1 | EM0301678A | EM   | 76    | 62/A01     | LOCATE AND STAGE 4.16V UMBILICAL CORDS  | 5  | 07APR04 05:00  | 07APR04 09:59 | DR-N ML-N ORT3-N R-L | 0   | EM0301678A           | LOCATE AND STAGE 4.16V UMBILICAL CORDS           |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0301678              | 1A-01 BUS TIME DELAY RELAY                       |                            |  |
| 116                           | 1 | EM-BMFP-01 | EM   | 71    | P-028B-M   | P28B REMOVE OIL LINES AND MOTOR COVERS  | 6  | 07APR04 05:00  | 07APR04 10:59 | DR-Y ML-Y ORT3-N R-M | 0   | EM-BMFP-01           | P28B REMOVE OIL LINES AND MOTOR COVERS           |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0312035              | STEAM GENERATOR FEED PUMP MOTOR                  |                            |  |
| 117                           | 0 | EM0309068  | EM   | 76    | D-105      | WEEKLY STATION BATTERY INSPECTION       | 3  | 07APR04 07:00* | 07APR04 09:59 | DR-Y ML-Y ORT3-N R-M | 861 | EM0309068            | WEEKLY STATION BATTERY INSPECTION                |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0309068              | 125V DC STATION BATTERY                          |                            |  |
| 118                           | 0 | EM0309132  | EM   | 76    | D-106      | WEEKLY STATION BATTERY INSPECTION       | 3  | 07APR04 07:00* | 07APR04 09:59 | DR-Y ML-Y ORT3-N R-M | 861 | EM0309132            | WEEKLY STATION BATTERY INSPECTION                |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0309132              | 125V DC STATION BATTERY                          |                            |  |
| 119                           | 1 | EM0216164A | EM   | 73    | ISOL PHASE | REMOVE BUS DUCT LINKS *ALL BUT 1 PER    | 10 | 07APR04 07:00* | 07APR04 16:59 | DR-N ML-N ORT3-N R-L | 0   | EM0216164A           | REMOVE BUS DUCT LINKS *ALL BUT 1 PER PHASE*      |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0216164              | ISOL PHASE DUCT                                  |                            |  |
| 120                           | 1 | EZMRCP-2A  | EM   | 76    | P-001B-M   | INSP RCP MOTOR WITH LIFT PUMP           | 10 | 07APR04 09:00  | 07APR04 18:59 | DR-Y ML-Y ORT3-Y R-L | 0   | EZMRCP-2A            | INSP RCP MOTOR WITH LIFT PUMP DE-ENERGIZED       |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215205              | REACTOR COOLANT PUMP MOTOR                       |                            |  |
| 121                           | 1 | EM-8480E   | EM   | 76    | R-1        | JIT FOR CONOSEAL REMOVAL (DAYS)         | 3  | 07APR04 11:00  | 07APR04 13:59 | DR-N ML-N ORT3-N R-L | 0   | EM-8480E             | JIT FOR CONOSEAL REMOVAL (DAYS)                  |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0214134              | REACTOR VESSEL AND ASSEMBLY                      |                            |  |
| 122                           | 1 | EM-BMFP-02 | EM   | 71    | P-028B-M   | P28B INSTALL ROTOR REMOVAL RIGGING      | 4  | 07APR04 11:00  | 07APR04 14:59 | DR-Y ML-Y ORT3-N R-M | 0   | EM-BMFP-02           | P28B INSTALL ROTOR REMOVAL RIGGING               |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0312035              | STEAM GENERATOR FEED PUMP MOTOR                  |                            |  |
| 123                           | 1 | EM0400344  | EM   | 76    | P-028A-M   | 1P-28A-M PUMP END MOTOR BEARING         | 10 | 07APR04 11:00* | 07APR04 20:59 | DR-Y ML-Y ORT3-Y R-L | 26  | EM0400344            | 1P-28A-M PUMP END MOTOR BEARING LEAKING          |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0400344              | STEAM GENERATOR FEED PUMP MO                     |                            |  |
| 124                           | 1 | EZMRCP-C   | EM   | 76    | P-001B-M   | REMOVE FLYWHEEL COVER                   | 2  | 07APR04 14:00* | 07APR04 15:59 | DR-N ML-N ORT3-N R-L | 43  | EZMRCP-C             | REMOVE FLYWHEEL COVER                            |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215205              | REACTOR COOLANT PUMP MOTOR                       |                            |  |
| 125                           | 1 | EM-BMFP-03 | EM   | 71    | P-028B-M   | P28B REMOVE MOTOR TOP COVER             | 4  | 07APR04 15:00  | 08APR04 06:59 | DR-Y ML-Y ORT3-N R-M | 0   | EM-BMFP-03           | P28B REMOVE MOTOR TOP COVER                      |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0312035              | STEAM GENERATOR FE                               |                            |  |
| 126                           | 1 | EM0215220  | EM   | 76    | W-001C1-M  | INSPECT EQUALIZATION VALVES             | 1  | 07APR04 17:00* | 07APR04 17:59 | DR-N ML-N ORT3-N R-L | 292 | EM0215220            | INSPECT EQUALIZATION VALVES                      |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215220              | CONTAINMENT ACCIDENT RECIRCULATIO                |                            |  |
| 127                           | 1 | EM0215221  | EM   | 76    | W-001D1-M  | INSPECT EQUALIZATION VALVES             | 1  | 07APR04 17:00* | 07APR04 17:59 | DR-N ML-N ORT3-N R-L | 99  | EM0215221            | INSPECT EQUALIZATION VALVES                      |                            |  |
|                               |   |            |      |       |            |   |    |                |               |                      |     | 0215221              | CONTAINMENT ACCIDENT RECIRCULATIO                |                            |  |

Run Date

06APR04 12:39

LT-03 STANDARD PUBLICATION  
FL-03 Execution Publication Set

Sheet 7 of 33





after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #   | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                                  | RD | ES             | EF            | RISK                 | MF  | APR                  |                            |  |  |  |
|---|---|------------|------|-------|------------|--|----|----------------|---------------|----------------------|-----|----------------------|----------------------------|--|--|--|
|   |   |            |      |       |            |  |    |                |               |                      |     | 6                    | 7                          | 8  |  |  |
|   |   |            |      |       |            |  |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                     |  |  |
| <b>ELECTRICAL VALVE TEAM -</b>                    |   |            |      |       |            |  |    |                |               |                      |     | <b>EMV</b>           |                            |  |  |  |
| 146   | 1 | EM0406330  | EMV  | 76    | 480V       | PERFORM FINAL TIE-IN'S T-MOD 04-002 (XL-17B) | 6  | 07APR04 03:00  | 07APR04 08:59 | DR-N ML-N ORT3-N R-L | 0   |                      | EM0406330                  | PERFORM FINAL TIE-IN'S T-MOD 04-002 (XL-17B)   |  |  |
| 147   | 1 | EM0403303  | EMV  | 76    | CC-00759B- | CC-759B-O PERFORM STEM LUBE AND FBJ          | 10 | 07APR04 07:00  | 07APR04 16:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0403303                  | 480V SYSTEM MULTI AND/OR NON-NUMBERED EQUIP    |  |  |
| 148   | 1 | EM0215168A | EMV  | 76    | CS-02189-O | CS-2189-O REMOVE ACTUATOR FOR BENCH          | 15 | 07APR04 07:00* | 07APR04 21:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0215168A                 | CC-759B-O PERFORM STEM LUBE AND FBJ INSPECTION |  |  |
| 149   | 1 | EM0215183  | EMV  | 76    | SI-00860A- | SI-860A-O MOV ACTUATOR CHECK-OUT             | 10 | 07APR04 08:00  | 07APR04 17:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0215183                  | 1P-1B RCP CC OUTLET MOV OPERATOR               |  |  |
| 150   | 1 | EM0403304  | EMV  | 76    | CC-00754B- | CC-754B-O PERFORM STEM LUBE AND FBJ          | 10 | 07APR04 17:00  | 08APR04 02:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0215168A                 | CS-2189-O REMOVE ACTUATOR FOR BENCH REBUILD    |  |  |
| 151   | 1 | EM0215163  | EMV  | 76    | CC-00754A- | CC-754A-O MOV ACTUATOR CHECK-OUT             | 10 | 07APR04 18:00  | 08APR04 07:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0215163                  | 1P-28B SGFP DISCHARGE MOV OPE                  |  |  |
| 152   | 1 | EM0407115A | EMV  | 76    | FP-03705   | FP-3705 REINSTALL PIPE FOR MOV OPERATOR      | 4  | 07APR04 22:00  | 08APR04 01:59 | DR-N ML-Y ORT3-N R-L | 0   |                      | EM0215183                  | SI-860A-O MOV ACTUATOR CHECK-OUT               |  |  |
| 153   | 1 | EM0215168  | EMV  | 76    | CS-02189-O | CS-2189 MOV ACTUATOR BENCH                   | 40 | 08APR04 02:00  | 12APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0215183                  | P-14A CONT SPRAY PUMP DISCH REDUND             |  |  |
| 154   | 1 | EM0215165  | EMV  | 76    | CC-00759A- | CC-759A-O MOV ACTUATOR CHECK-OUT             | 10 | 08APR04 08:00  | 08APR04 17:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0403304                  | CC-754B-O PERFORM STEM LUBE AND FBJ            |  |  |
| 155   | 1 | EM9927044  | EMV  | 76    | CC-00759A- | CC-759A-O MACHINE LS COVER                   | 3  | 08APR04 15:00  | 08APR04 17:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      | EM0403304                  | 1P-1B RCP CC INLET MOV OF                      |  |  |
| <b>ENGINEERING PROGRAMS - INSPECTION SERVICES</b> |   |            |      |       |            |  |    |                |               |                      |     | <b>EPI</b>           |                            |  |  |  |
| 156   | 1 | NG44POH1EV | EPI  | 77    | IST-SISI   | ENG EVAL FOR FAC PROG - PAB 44 FT            | 3  | 07APR04 07:00  | 07APR04 09:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | NG44POH1EV                 | ENG EVAL FOR FAC PROG - PAB 44 FT OVERHEAD     |  |  |
| 157   | 1 | EP0307190  | EPI  | 77    | RC         | INSPECT SPRING SUPPORTS IN PZR               | 1  | 07APR04 09:00* | 07APR04 09:59 | DR-Y ML-Y ORT3-Y R-L | 363 |                      | EP0307190                  | SECONDARY INSERVICE INSPECTION                 |  |  |
| 158   | 1 | NG44PFC1EV | EPI  | 77    | IST-SISI   | ENG EVAL FOR FAC PROG - PAB 44 FT GEN        | 3  | 08APR04 07:00  | 08APR04 09:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | NG44PFC1EV                 | INSPECT SPRING SUPPORTS IN PZR CUBICAL         |  |  |
| 159   | 1 | EP0301909  | EPI  | 77    | U1-CONTAIN | VISUAL INSPECTION OF CTMT LINER PLATE        | 80 | 08APR04 08:00* | 17APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 69  |                      | EP0301909                  | RC SYSTEM MULTI AND/OR NON-NUMBERED EQUIP      |  |  |
| 160   | 1 | NG44TFC2EV | EPI  | 77    | IST-SISI   | ENG EVAL FOR FAC PROG - TURB HALL 44         | 1  | 08APR04 12:00  | 08APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | EP0301909                  | UNIT 1 CONTAINMENT 0301909                     |  |  |
| <b>ENGINEERING PROGRAMS - TEST SERVICES</b>       |   |            |      |       |            |  |    |                |               |                      |     | <b>EPT</b>           |                            |  |  |  |
| 161   | 1 | EP0400042L | EPT  | 76    | HX-001A    | A S/G BRING ND EQUIP INTO CTMT AND           | 2  | 05APR04 10:00A | 06APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | EP0400042L                 | ENG EVAL FOR FAC PR                            |  |  |
| 162   | 1 | EP0400043L | EPT  | 76    | HX-001B    | B S/G BRING ND EQUIP INTO CTMT AND           | 2  | 05APR04 10:00A | 06APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | EP0400043L                 | SECONDARY INSE                                 |  |  |
| 163   | 1 | EP0400042M | EPT  | 76    | HX-001A    | A S/G INSTALL/CONNECT                        | 4  | 08APR04 14:00  | 07APR04 05:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      | EP0400042M                 | VISUAL INSPECTION C                            |  |  |

after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #   | U | ID         | RESP | WO ST | EQID       | DESCRIPTION  | RD  | ES                | EF               | RISK                    | MF  | APR                       |   |  |  |  |
|---|---|------------|------|-------|------------|--|-----|-------------------|------------------|-------------------------|-----|---------------------------|---|--|--|--|
|   |   |            |      |       |            |  |     |                   |                  |                         |     | 6<br>6, 9, 12, 15, 18, 21 | 7<br>0, 3, 6, 9, 12, 15, 18, 21   | 8<br>0, 3, 6, 9, 12, 15, 18, 21  |  |  |
| <b>ENGINEERING PROGRAMS - TEST SERVICES</b>   |   |            |      |       |            |  |     |                   |                  |                         |     | <b>EPT</b>                |   |  |  |  |
| 164   | 1 | EP0400043M | EPT  | 76    | HX-001B    | B S/G<br>INSTALL/CONNECT<br>NOZZLE DAM               | 4   | 07APR04<br>06:00  | 07APR04<br>09:59 | DR-Y ML-Y<br>ORT3-Y R-L | 19  |                           |   | EP0400043M B S/G INSTALL/CONNECT NOZZLE DAM ANNUNCIATOR PN<br>0400043 [REDACTED] STEAM GENERATOR |  |  |
| 165   | 1 | EP0301963  | EPT  | 76    | HX-021A    | HX-021A - EDDY<br>CURRENT INSPECT 5A<br>LP FW HEATER | 38  | 08APR04<br>07:00* | 09APR04<br>18:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   |                           |   | EP0301963 HX-021A - EDDY CURRE<br>0301963 [REDACTED]   |  |  |
| <b>FACILITIES GROUP - UTILITY GROUP</b>       |   |            |      |       |            |  |     |                   |                  |                         |     | <b>FG1</b>                |   |  |  |  |
| 166   | 1 | FG0300160  | FG1  | 77    | U1-CONTAIN | INSTALL TEMP SAFETY<br>NET/FOAM HEAD<br>PROTECTION   | 6   | 06APR04<br>06:00A | 06APR04<br>17:59 | DR-N ML-N<br>ORT3-N R-L | 877 | FG0300160                 | INSTALL TEMP SAFETY NET/FOAM HEAD PROTECTION<br>UNIT 1 CONTAINMENT 0300160                            |  |  |  |
| 167   | 0 | FG0303129  | FG1  | 77    | MANHOLE PM | PUMP ELECTRICAL<br>MANHOLE<br>SUMPS-MTHLY            | 12  | 07APR04<br>06:00* | 08APR04<br>05:59 | DR-Y ML-Y<br>ORT3-Y R-L | 421 | FG0303129                 | PUMP ELECTRICAL MANHOLE SUMPS-MTHLY<br>0303129 [REDACTED] PORTABLE ELECTRICAL                         |  |  |  |
| 168   | 1 | FG309511P  | FG1  | 76    | SW-02862   | PAINT VALVE 1SW-2862                                 | 4   | 07APR04<br>17:00  | 07APR04<br>20:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   | FG309511P                 | PAINT VALVE 1SW-2862<br>0309511 [REDACTED] HX-53A AIR SIDE SEAL OIL COOLER O                          |  |  |  |
| 169   | 1 | FG0212800X | FG1  | 76    | PIPING HB- | PIPING HB-19 TO HX-15B<br>NEEDS PAINT (part2)        | 79  | 07APR04<br>17:00* | 10APR04<br>23:59 | DR-N ML-N<br>ORT3-N R-L | 0   | FG0212800X                | PIPING HB-19 TO HX-15B NEEDS PAINT (part<br>0212800 [REDACTED]  |  |  |  |
| 170   | 1 | FG303871P  | FG1  | 76    | MS-00042   | PAINT VALVES 1MS-42/<br>1MS-43                       | 4   | 08APR04<br>05:00* | 08APR04<br>08:59 | DR-N ML-N<br>ORT3-N R-L | 0   | FG303871P                 | PAINT VALVES 1MS-42 / 1M<br>0303871 [REDACTED] HP TURBINE INLET S                                     |  |  |  |
| 171   | 1 | FG0212814  | FG1  | 76    | PIPE AC 01 | PIPE AC 0152N-04<br>STRIP/REPAINT                    | 200 | 08APR04<br>05:00* | 18APR04<br>12:59 | DR-Y ML-Y<br>ORT3-Y R-L | 112 | FG0212814                 | PIPE AC 0152N-04 STRIP/R<br>0212814 [REDACTED]  |  |  |  |
| 172   | 1 | FG309512P  | FG1  | 76    | SW-02861   | PAINT VALVE 1SW-2861                                 | 4   | 08APR04<br>09:00  | 08APR04<br>12:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   | FG309512P                 | PAINT VALVE 1SW-2<br>0309512 [REDACTED] HX-53B H2 SIDE  |  |  |  |
| 173   | 1 | FG301715P  | FG1  | 76    | MS-00111   | PAINT 1MS-111 VALVE                                  | 4   | 08APR04<br>11:00  | 08APR04<br>14:59 | DR-N ML-N<br>ORT3-N R-L | 0   | FG301715P                 | PAINT 1MS-111 VA<br>0301715 [REDACTED] STEAM TO Z   |  |  |  |
| <b>FACILITIES GROUP - MTN MECH OPER NORTH</b> |   |            |      |       |            |  |     |                   |                  |                         |     | <b>FG2</b>                |   |  |  |  |
| 174   | 0 | FG0300134  | FG2  | 77    | VNNES      | INSPECTION AND<br>SERVICE OF THE NES<br>HVAC UNITS   | 17  | 05APR04<br>05:00A | 07APR04<br>16:59 | DR-N ML-N<br>ORT3-N R-L | 422 | FG0300134                 | INSPECTION AND SERVICE OF THE NES HVAC UNITS<br>VNNES SYSTEM MULTI AND/OR NON-NUMB                    |  |  |  |
| 175   | 0 | FG0400106A | FG2  | 77    | COM        | COM - LOWER<br>GATRONICS<br>VOLUME/OUTAGE            | 8   | 07APR04<br>08:00* | 07APR04<br>15:59 | DR-N ML-N<br>ORT3-N R-L | 229 | FG0400106A                | COM - LOWER GATRONICS VOLUME/OUTAGE<br>0400106 [REDACTED] COM SYSTEM MULTI AND/OR NON-NUMBERS         |  |  |  |
| <b>RADIATION PROTECTION (OLD)</b>             |   |            |      |       |            |  |     |                   |                  |                         |     | <b>HP</b>                 |   |  |  |  |
| 176   | 1 | HP0301874  | HP   | 77    | HP PURGE T | PURGE RMS TRIP TEST                                  | 2   | 07APR04<br>08:00* | 07APR04<br>09:59 | DR-N ML-N<br>ORT3-N R-L | 59  | HP0301874                 | PURGE RMS TRIP TEST<br>0301874 [REDACTED] UNIT 1 CONTAINMENT PURGE TRIP TEST                          |  |  |  |
| 177   | 1 | HP0301875  | HP   | 77    | HP SG VENT | SG CHANNELHEAD<br>VENTILATION SYS TEST               | 2   | 07APR04<br>08:00* | 07APR04<br>09:59 | DR-N ML-N<br>ORT3-N R-L | 0   | HP0301875                 | SG CHANNELHEAD VENTILATION SYS TEST<br>0301875 [REDACTED] SG CHANNELHEAD VENTILATION SYSTEM TEST/MAIN |  |  |  |
| 178   | 0 | RE-234-B03 | HP   |       | HP RMS     | RE-234/235 AIR SAMPLE<br>CHANGE OUT                  | 1   | 07APR04<br>17:00* | 07APR04<br>17:59 | DR-Y ML-Y<br>ORT3-Y R-L | 371 | RE-234-B03                | RE-234/235 AIR SAMPLE CHANGE OUT  |  |  |  |
| 179   | 0 | RE-211-B03 | HP   |       | HP RMS     | RE-211/212 AIR SAMPLE<br>CHANGE OUT                  | 1   | 08APR04<br>00:00* | 08APR04<br>00:59 | DR-Y ML-Y<br>ORT3-Y R-L | 846 | RE-211-B03                | RE-211/212 AIR SAMPLE CHANGE  |  |  |  |

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# WORKING SCHEDULE

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| #                            | U | ID        | RESP | WO ST | EQID       | DESCRIPTION                            | RD  | ES             | EF            | RISK                 | MF  | APR                  |   |                            |  |         |  |
|------------------------------|---|-----------|------|-------|------------|--|-----|----------------|---------------|----------------------|-----|----------------------|---|----------------------------|--|---------|--|
|                              |   |           |      |       |            |  |     |                |               |                      |     | 6                    | 7   | 8                          |  |         |  |
|                              |   |           |      |       |            |  |     |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                    | 0, 3, 6, 9, 12, 15, 18, 21 |  |         |  |
| <b>I&amp;C - C. RHODEN</b>   |   |           |      |       |            |  |     |                |               |                      |     | <b>IC1</b>           |   |                            |  |         |  |
| 198                          | 1 | IC5.19    | IC1  | 76    | ICP-05.019 | COND STEAM DUMP CNTL SYS CAL           | 60  | 07APR04 05:00* | 11APR04 16:59 | DR-Y ML-Y ORT3-N R-L | 24  |                      |   | IC5.19 0300857             | COND STEAM DUMP CNTL SYS CAL                 |         |  |
| 199                          | 1 | IC10.9    | IC1  | 76    | ICP-10.009 | ICP 10.9 FUEL MANIPULATOR LOAD         | 6   | 08APR04 05:00  | 08APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 6   |                      |   | IC10.9 0300884             | ICP 10.9 FUEL MANIPULATOR FUEL MANIPULATOR   |         |  |
| 200                          | 1 | IC0400553 | IC1  | 76    | SERVICE    | 1SERVICE MAINT SUPPORT-EQ VERIFYING    | 40  | 08APR04 07:00* | 13APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 80  |                      |   | IC0400553 0400553          | 1SERVICE MAINT SUPPORT                       |         |  |
| <b>I&amp;C - J. SCHMOLDT</b> |   |           |      |       |            |  |     |                |               |                      |     | <b>IC2</b>           |   |                            |  |         |  |
| 201                          | 1 | IC5.27    | IC2  | 76    | ICP-05.027 | EH OIL SYSTEM INSTRUMENTATION          | 3   | 03APR04 18:00A | 06APR04 19:59 | DR-Y ML-Y ORT3-Y R-L | 0   | CS.27                | EH OIL SYSTEM INSTRUMENTATION                 |                            | ELECTRO-HYDRAULIC OIL SYSTEM (OUTAGE)        | 0300862 |  |
| 202                          | 1 | IC0302376 | IC2  | 76    | TS-02134   | TS-2134 RELOCATE SWITCH                | 140 | 04APR04 19:00A | 19APR04 00:59 | DR-N ML-Y ORT3-Y R-L | 64  | IC0302376            | TS-2134 RELOCATE SWITCH                       |                            |  |         |  |
| 203                          | 1 | IC5.52    | IC2  | 76    | ICP-05.052 | ICP 5.52 SECONDARY TEMPERATURE INST    | 178 | 04APR04 19:00A | 21APR04 02:59 | DR-Y ML-Y ORT3-Y R-L | 50  | CS.52                | ICP 5.52 SECONDARY TEMPERATURE INST           |                            |  |         |  |
| 204                          | 1 | IC5.73A   | IC2  | 76    | ICP-05.073 | ICP-5.73 T-34A ACCUMULATOR LEVEL       | 14  | 06APR04 17:00* | 07APR04 06:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC5.73A 0300878      | ICP-5.73 T-34A ACCUMULATOR LEVEL TRANSMITTERS |                            | ACCUMULATOR LEVEL TRANSMITTERS               |         |  |
| 205                          | 1 | IC5.33    | IC2  | 76    | ICP-05.033 | TURBINE BEARING OIL LIFT SYSTEM        | 15  | 06APR04 20:00  | 07APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC5.33 0300865       | TURBINE BEARING OIL LIFT SYSTEM               |                            | TURBINE BEARING OIL LIFT SYSTEM              |         |  |
| 206                          | 1 | IC4.4-1A  | IC2  | 76    | 1ICP-04.00 | ICP-04.004-1 PT-420 RCS PRESS XMTR CAL | 5   | 06APR04 21:00* | 07APR04 01:59 | DR-N ML-N ORT3-N R-L | 0   | IC4.4-1A 0300964     | ICP-04.004-1 PT-420 RCS PRESS XMTR CAL        |                            | RCS PRESSURE TRANSMITTERS OUTAGE CALIBRATION |         |  |
| 207                          | 1 | IC4.4-2   | IC2  | 76    | 1ICP-04.00 | ICP-04.004-2 STEAM GENERATOR PRESS     | 15  | 06APR04 21:00* | 07APR04 23:59 | DR-Y ML-Y ORT3-N R-L | 0   | IC4.4-2 0300965      | ICP-04.004-2 STEAM GENERATOR PRESS XMTR CAL   |                            | STEAM GENERATOR PRESSURE                     |         |  |
| 208                          | 1 | IC0213738 | IC2  | 76    | FT-00416   | 1FT-416 DRY BA BUILDUP ON XMITTER      | 20  | 06APR04 21:00  | 08APR04 04:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC0213738 0213738    | 1FT-416 DRY BA BUILDUP ON XMITTER             |                            | RC LOOP B FLOW TRANSMITTER                   |         |  |
| 209                          | 1 | IC0302504 | IC2  | 76    | FT-00414   | 1FT-414 LEAK FROM TRANSMITTER          | 20  | 06APR04 21:00  | 08APR04 04:59 | DR-Y ML-Y ORT3-Y R-L | 144 | IC0302504 0302504    | 1FT-414 LEAK FROM TRANSMITTER                 |                            | RC LOOP B FLOW TRANSMITTER                   |         |  |
| 210                          | 1 | IC0306468 | IC2  | 76    | FT-00413   | 1FT-413 BA BUILDUP ON MANIFOLD         | 20  | 06APR04 21:00  | 08APR04 04:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC0306468 0306468    | 1FT-413 BA BUILDUP ON MANIFOLD                |                            | RC LOOP A FLOW TRANSMITTER                   |         |  |
| 211                          | 1 | IC4.2-1   | IC2  | 76    | 1ICP-04.00 | ICP 4.2-1 RCS FLOW TRANSMITTER         | 36  | 06APR04 21:00* | 09APR04 20:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC4.2-1 0300959      | ICP 4.2-1 RCS FLOW TRANSMITTER                |                            |  |         |  |
| 212                          | 1 | IC5.18    | IC2  | 76    | ICP-05.018 | RSC CNTL SYS CAL                       | 60  | 06APR04 21:00* | 11APR04 20:59 | DR-N ML-Y ORT3-N R-L | 0   | IC5.18 0300856       | RSC CNTL SYS CAL                              |                            |  |         |  |
| 213                          | 1 | IC4.4-1   | IC2  | 76    | 1ICP-04.00 | ICP-04.004-1 RCS PRESSURE XMTR CAL     | 31  | 07APR04 02:00* | 10APR04 20:59 | DR-N ML-N ORT3-N R-L | 0   | IC4.4-1 0300964      | ICP-04.004-1 RCS PRESSURE XMTR CAL            |                            |  |         |  |
| 214                          | 1 | IC4.1A    | IC2  | 76    | ICP-04.001 | ICP 4.1A ANALOG TEMP CALIB             | 40  | 07APR04 17:00* | 10APR04 20:59 | DR-N ML-Y ORT3-N R-L | 0   | IC4.1A 0300822       | ICP 4.1A ANALOG TEMP CALIB                    |                            |  |         |  |
| 215                          | 1 | IC5.6     | IC2  | 76    | ICP-05.006 | TURBINE LUBE OIL SYSTEM (ICP 5.6)      | 30  | 07APR04 23:00  | 11APR04 04:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC5.6 0300848        | TURBINE LUBE OIL SYSTEM (ICP 5.6)             |                            |  |         |  |

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| #                            | U | ID        | RESP | WO ST | EQID       | DESCRIPTION                                     | RD  | ES             | EF            | RISK                 | MF  | APR                  |                                |                            |   |
|------------------------------|---|-----------|------|-------|------------|---|-----|----------------|---------------|----------------------|-----|----------------------|--------------------------------|----------------------------|---|
|                              |   |           |      |       |            |   |     |                |               |                      |     | 6                    |                                |                            |   |
|                              |   |           |      |       |            |   |     |                |               |                      |     | 6                    | 7                              | 8                          |   |
|                              |   |           |      |       |            |   |     |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21     | 0, 3, 6, 9, 12, 15, 18, 21 |   |
| <b>I&amp;C - J. SCHMOLDT</b> |   |           |      |       |            |   |     |                |               |                      |     | <b>IC2</b>           |                                |                            |   |
| 216                          | 1 | IC4.6-2   | IC2  | 76    | 1ICP-04.00 | ICP-04.006-2 CONTAINMENT PRESS XMTR CAL         | 38  | 08APR04 00:00  | 11APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC4.6-2 ICP-04.006-2 CONTAINMENT PRESS 0300969                |
| 217                          | 1 | IC9934578 | IC2  | 76    | PT-00949   | REPLACE TRANSMITTER PT-00949 CTMT PRESSURE      | 38  | 08APR04 00:00  | 11APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC9934578 REPLACE TRANSMITTER PT-0094 9934578                 |
| 218                          | 1 | IC9934579 | IC2  | 76    | PT-00950   | REPLACE TRANSMITTER PT-00950 CTMT PRESSURE      | 38  | 08APR04 00:00  | 11APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC9934579 REPLACE TRANSMITTER PT-0095 9934579                 |
| 219                          | 1 | IC9934580 | IC2  | 76    | PT-00969   | PT-969 REPLACE TRANSMITTER                      | 38  | 08APR04 00:00  | 11APR04 01:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC9934580 PT-969 REPLACE TRANSMITTER 9934580                  |
| <b>I&amp;C - M. KENNETT</b>  |   |           |      |       |            |   |     |                |               |                      |     | <b>IC5</b>           |                                |                            |   |
| 220                          | 0 | IC0213546 | IC5  | 77    | Z-107G     | EXPLOSIVE DETECTOR CLEANING                     | 1   | 06APR04 06:00A | 06APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 378 | IC0213546            | EXPLOSIVE DETECTOR CLEANING    |                            |   |
| 221                          | 0 | IC0300679 | IC5  | 77    | Z-107G     | REPLACE MEMBRANE                                | 1   | 06APR04 06:00A | 06APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 378 | IC0300679            | REPLACE MEMBRANE               |                            |   |
| 222                          | 1 | IC4.1E-1  | IC5  | 76    | ICP-04.001 | STEAM PRESSURE INSTRUMENTS - INSPECT            | 11  | 07APR04 05:00  | 07APR04 15:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC4.1E-1 STEAM PRESSURE INSTRUMENTS - INSPECT 0300826         |
| 223                          | 1 | IC5.7     | IC5  | 76    | ICP-05.007 | ICP 5.7 EH CONTROL SYSTEM CAL THRU STEP 4.49.11 | 103 | 07APR04 05:00* | 17APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |                                |                            | IC5.7 ICP 5.7 EH CONTROL SYSTEM CAL THRU STEP 4.49.11 0300849 |
| 224                          | 1 | IC5.73B   | IC5  | 76    | ICP-05.073 | ICP-5.73 T-34B ACCUMULATOR LEVEL TRANSMITTERS   | 14  | 07APR04 07:00* | 08APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |                                |                            | IC5.73B ICP-5.73 T-34B ACCUMULATOR LEVEL TRANSMITTERS 0300878 |
| 225                          | 1 | IC4.1E-2  | IC5  | 76    | ICP-04.001 | STEAM PRESSURE INSTRUMENTS - INSPECT            | 20  | 07APR04 16:00  | 09APR04 11:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC4.1E-2 STEAM PRESSURE INSTRUMENTS - INSPECT 0300826         |
| 226                          | 0 | ICDMIM1   | IC5  | 76    | C-025      | MONTHLY PM ON DMIMS SYSTEM                      | 2   | 08APR04 05:00* | 08APR04 06:59 | DR-Y ML-Y ORT3-Y R-L | 360 |                      |                                |                            | ICDMIM1 MONTHLY PM ON DMIMS SYSTEM 0300683                    |
| 227                          | 1 | IC5.62    | IC5  | 76    | 1ICP-05.06 | ICP-05.062 RCP A CCW FLOW INSTRU CAL            | 8   | 08APR04 05:00* | 08APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 1   |                      |                                |                            | IC5.62 ICP-05.062 RCP A CCW FLOW INSTRU CAL 0300983           |
| 228                          | 1 | IC4.25N35 | IC5  | 76    | ICP-04.025 | ICP 4.25 NI IR N-35 CAL                         | 12  | 08APR04 06:00* | 09APR04 05:59 | DR-N ML-Y ORT3-N R-L | 0   |                      |                                |                            | IC4.25N35 ICP 4.25 NI IR N-35 CAL 0300838                     |
| 229                          | 1 | IC4.4-3   | IC5  | 76    | 1ICP-04.00 | ICP-04.004-3 SI ACCUMULATOR PRESSURE XMTR CAL   | 6   | 08APR04 14:00* | 09APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |                                |                            | IC4.4-3 ICP-04.004-3 SI ACCUMULATOR PRESSURE XMTR CAL 0300966 |
| <b>I&amp;C VALVE TEAM</b>    |   |           |      |       |            |   |     |                |               |                      |     | <b>ICV</b>           |                                |                            |   |
| 230                          | 1 | IC5.49DAY | ICV  | 76    | ICP-05.049 | ICP 5.49 SEC CONTROL VALVES                     | 191 | 04APR04 05:00A | 24APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 16  | IC5.49DAY            | ICP 5.49 SEC CONTROL VALVES    |                            |   |
| 231                          | 1 | IC5.49NGT | ICV  | 76    | ICP-05.049 | ICP 5.49 SEC CONTROL VALVES                     | 176 | 04APR04 17:00A | 21APR04 00:59 | DR-Y ML-Y ORT3-Y R-L | 0   | IC5.49NGT            | ICP 5.49 SEC CONTROL VALVES    |                            |   |
| 232                          | 1 | IC0406276 | ICV  | 76    | MS-02074   | 1MS-2074 DIAGNOSTIC TEST VALVE                  | 2   | 06APR04 10:00A | 06APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 409 | IC0406276            | 1MS-2074 DIAGNOSTIC TEST VALVE |                            |   |
| 233                          | 1 | IC0300947 | ICV  | 76    | SI-00836A- | SI-836A DIAGNOSTIC CHECK                        | 4   | 07APR04 05:00* | 07APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |                                |                            | IC0300947 SI-836A DIAGNOSTIC CHECK 0300947                    |

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# WORKING SCHEDULE

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| #  | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                            | RD | ES             | EF            | RISK                 | MF  | APR                  |  |                            |   |
|--|---|------------|------|-------|------------|--|----|----------------|---------------|----------------------|-----|----------------------|--|----------------------------|---|
|  |   |            |      |       |            |  |    |                |               |                      |     | 6                    | 7  | 8                          |   |
|  |   |            |      |       |            |  |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21   | 0, 3, 6, 9, 12, 15, 18, 21 |   |
| <b>I&amp;C VALVE TEAM</b>                              |   |            |      |       |            |  |    |                |               |                      |     | <b>ICV</b>           |  |                            |   |
| 234  | 1 | IC0300950  | ICV  | 78    | SI-00848-O | SI-848 DIAGNOSTIC CHECK                | 4  | 07APR04 17:00* | 07APR04 20:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | IC0300950 SI-848 DIAGNOSTIC CHECK<br>0300950 T-34AB SI ACCUM NITROGEN INLET C |
| 235  | 1 | IC0300957  | ICV  | 76    | WG-01788-O | WG-1788 DIAGNOSTIC CHECK               | 4  | 08APR04 07:00* | 08APR04 10:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |  |                            | IC0300957 WG-1788 DIAGNOSTIC C<br>0300957 T-16 RCDT SAMPL                     |
| 236  | 1 | IC0300958  | ICV  | 76    | WG-01789-O | WG-1789 DIAGNOSTIC CHECK               | 4  | 08APR04 11:00* | 08APR04 14:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |  |                            | IC0300958 WG-1789 DIAGNO:<br>0300958 T-16 RCDT S                              |
| 237  | 1 | IC5.10-957 | ICV  | 78    | ICP-05.010 | SI-957 ACCUM VENT VA                   | 5  | 08APR04 16:00* | 08APR04 20:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |  |                            | IC5.10-957 SI-957 ACC<br>0300852 VAL  |
| 238  | 1 | IC0300934  | ICV  | 78    | RC-00508-O | RC-508 DIAGNOSTIC CHECK                | 4  | 08APR04 17:00* | 08APR04 20:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |  |                            | IC0300934 RC-508 DI<br>0300934 UIC  |
| <b>LICENSING RENEWAL</b>                               |   |            |      |       |            |  |    |                |               |                      |     | <b>LRE</b>           |  |                            |   |
| 239  | 1 | SD0301039  | LRE  | 77    | U1-CONTAIN | U1 CONTAINMENT COATINGS INSPECTION     | 6  | 05APR04 08:00A | 07APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 179 | SD0301039            | U1 CONTAINMENT COATINGS INSPECTION<br>UNIT 1 CONTAINMENT 0301039                                     |                            |   |
| <b>MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM</b> |   |            |      |       |            |  |    |                |               |                      |     | <b>MM1</b>           |  |                            |   |
| 240  | 1 | MM0215947  | MM1  | 77    | O-RF-510.1 | RF-510.1, MOVE Z-23B LATCH TOOL INTO   | 2  | 04APR04 20:00A | 08APR04 13:59 | DR-N ML-N ORT3-N R-L | 33  | MM0215947            | RF-510.1, MOVE Z-23B LATCH TOOL INTO CONTAINMENT<br>MOVE Z-23B LATCH UNLATCH TOOL INTO UNIT 1 CONTAI | 0215947                    |   |
| 241  | 1 | MM-8480A3  | MM1  | 76    | R-1        | RV HEAD UNDRESS RMP-9096 THRU 5.1.42   | 6  | 05APR04 17:00A | 06APR04 17:59 | DR-Y ML-Y ORT3-Y R-H | 0   | MM-8480A3            | RV HEAD UNDRESS RMP-9096 THRU 5.1.42<br>REACTOR VESSEL AND ASSEMBLY                                  | 0214134                    |   |
| 242  | 1 | MM-8480V   | MM1  | 76    | R-1        | INSTALL ZIP LIFTS R-1                  | 4  | 05APR04 19:00A | 06APR04 15:59 | DR-Y ML-Y ORT3-Y R-H | 31  | MM-8480V             | INSTALL ZIP LIFTS R-1<br>REACTOR VESSEL AND ASSEMBLY   | 0214134                    |   |
| 243  | 1 | MM0214179  | MM1  | 78    | W-001D1    | W-1D1, INSPECT AND LUBRICATE FAN       | 35 | 06APR04 01:00A | 09APR04 03:59 | DR-N ML-N ORT3-N R-L | 0   | MM0214179            | W-1D1, INSPECT AND LUBRICATE FAN BEARINGS  |                            |   |
| 244  | 1 | MM0214175  | MM1  | 78    | W-001C1    | W-1C1, INSPECT AND LUBRICATE FAN       | 35 | 06APR04 06:00A | 09APR04 10:59 | DR-Y ML-Y ORT3-N R-L | 0   | MM0214175            | W-1C1, INSPECT AND LUBRICATE FAN BEARINGS  |                            |   |
| 245  | 1 | MM0212922  | MM1  | 78    | Z-717      | 1Z-717, INSTALL OVAL HOLDING RING      | 4  | 06APR04 17:00* | 06APR04 20:59 | DR-N ML-N ORT3-N R-L | 62  | MM0212922            | 1Z-717, INSTALL OVAL HOLDING RING<br>RCP LIFTING SLUNG   |                            |   |
| 246  | 1 | MM0212472  | MM1  | 76    | Z-016      | 1Z-16 REPLACE GRIPPER AIR CYLINDER     | 10 | 07APR04 03:00  | 07APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 0   | MM0212472            | 1Z-16 REPLACE GRIPPER AIR CYLINDER<br>REACTOR CAVITY MANIPULATOR                                     |                            |   |
| 247  | 1 | MM0214051X | MM1  | 76    | HX-001A    | PERFORM JIT PRIOR TO REMOVING BOLTING  | 1  | 07APR04 05:00* | 07APR04 05:59 | DR-Y ML-Y ORT3-Y R-L | 2   | MM0214051X           | PERFORM JIT PRIOR TO REMOVING BOLTING<br>STEAM GENERATOR   |                            |   |
| 248  | 1 | MM0212765  | MM1  | 76    | FH         | VALVE FOR NITROGEN LINE ON Z-16 LEAKS, | 6  | 07APR04 07:00* | 07APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 10  | MM0212765            | VALVE FOR NITROGEN LINE ON Z-16 LEAKS, REPLACE<br>FH SYSTEM MULTI AND/OR NON-NUMBERED EQ             |                            |   |
| 249  | 1 | MM0214051B | MM1  | 76    | HX-001A    | A S/G REM ALL BUT 4 HL/CL MANWAY STUDS | 6  | 07APR04 08:00  | 07APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 22  | MM0214051B           | A S/G REM ALL BUT 4 HL/CL MANWAY STUDS (EACH)<br>STEAM GENERATOR                                     |                            |   |
| 250  | 1 | MM0214137B | MM1  | 76    | RC-00434   | REMOVE PZR MISSLE SHIELD BLOCKS        | 6  | 07APR04 13:00* | 07APR04 18:59 | DR-Y ML-Y ORT3-Y R-L | 8   | MM0214137B           | REMOVE PZR MISSLE SHIELD BLOCKS<br>T-1 PZR SAFETY TO T-2 PRT   |                            |   |
| 251  | 1 | MM0212763  | MM1  | 76    | Z-016      | 1Z-16 REPLACE AIR HOSE/REEL            | 10 | 07APR04 13:00  | 07APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 0   | MM0212763            | 1Z-16 REPLACE AIR HOSE/REEL<br>REACTOR CAVITY MANIPULATOR  |                            |   |

Run Date

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# WORKING SCHEDULE

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| #  | U | ID         | RESP | WO ST | EQID    | DESCRIPTION                                     | RD  | ES             | EF             | RISK                 | MF | APR                  |   |                            |  |
|--|---|------------|------|-------|---------|---|-----|----------------|----------------|----------------------|----|----------------------|---|----------------------------|--|
|  |   |            |      |       |         |   |     |                |                |                      |    | 6                    | 7   | 8                          |  |
|  |   |            |      |       |         |   |     |                |                |                      |    | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21                      | 0, 3, 6, 9, 12, 15, 18, 21 |  |
| <b>MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM</b> |   |            |      |       |         |   |     |                |                |                      |    | <b>MM1</b>           |   |                            |  |
| 252  | 1 | MM0214053B | MM1  | 78    | HX-001B | B S/G REM ALL BUT 4 HL/CL MANWAY STUDS (EACH)   | 6   | 07APR04 19:00* | 08APR04 00:59  | DR-Y ML-Y ORT3-Y R-L | 11 |                      |   |                            | MM0214053B S/G REM ALL BUT 4 HL/CL MANWAY STUDS    |
| 253  | 1 | MM0212777  | MM1  | 78    | Z-024B1 | 1Z-24B1 TACK WELD CABLE KEEPER                  | 8   | 07APR04 23:00* | 08APR04 08:59  | DR-Y ML-Y ORT3-Y R-M | 0  |                      |   |                            | MM0212777 1Z-24B1 TACK WELD CABLE KEEPER           |
| 254  | 1 | MM0214051K | MM1  | 78    | HX-001A | PERFORM JIT PRIOR TO PRL MANWAY REMOVAL         | 3   | 08APR04 09:00  | 08APR04 11:59  | DR-Y ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0214051K PERFORM JIT PRIOR TO PRL MANWAY REMOVAL |
| 255  | 1 | MM-8480T   | MM1  | 78    | R-1     | REMOVE HEAD VENT SPOOL PIECE                    | 1   | 08APR04 10:00  | 08APR04 10:59  | DR-Y ML-Y ORT3-Y R-H | 5  |                      |   |                            | MM-8480T REMOVE HEAD VENT SPOOL PIECE              |
| 256  | 1 | MM-8480B   | MM1  | 78    | R-1     | REMOVE THE PRESSURIZER VENT FLANGE              | 3   | 08APR04 10:00  | 08APR04 12:59  | DR-Y ML-Y ORT3-Y R-H | 0  |                      |   |                            | MM-8480B REMOVE THE PRESSURIZER VENT FLANGE        |
| 257  | 1 | MM0214051  | MM1  | 78    | HX-001A | OPEN HX-1A HL PRIMARY MANWAY                    | 4   | 08APR04 12:00* | 08APR04 15:59  | DR-N ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0214051 OPEN HX-1A HL PRIMARY MANWAY             |
| 258  | 1 | MM0214053  | MM1  | 78    | HX-001B | OPEN HX-1B HL PRIMARY MANWAY                    | 4   | 08APR04 12:00* | 08APR04 15:59  | DR-N ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0214053 OPEN HX-1B HL PRIMARY MANWAY             |
| 259  | 1 | MM0311945  | MM1  | 78    | T-001   | T-1, REMOVE PRESSURIZER MANWAY                  | 4   | 08APR04 13:00  | 08APR04 18:59  | DR-Y ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0311945 T-1, REMOVE PRESSURIZER MANWAY           |
| 280  | 1 | MM0214051C | MM1  | 78    | HX-001A | OPEN HX-1A CL PRIMARY MANWAY                    | 4   | 08APR04 18:00  | 08APR04 19:59  | DR-Y ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0214051C OPEN HX-1A CL PRIMARY MANWAY            |
| 281  | 1 | MM0214053C | MM1  | 78    | HX-001B | OPEN HX-1B CL PRIMARY MANWAY                    | 4   | 08APR04 18:00  | 08APR04 19:59  | DR-Y ML-Y ORT3-Y R-L | 0  |                      |   |                            | MM0214053C OPEN HX-1B CL PRIMARY MANWAY            |
| 262  | 1 | MM-8480S   | MM1  | 78    | R-1     | REMOVE INSULATION FROM HEAD PER RMP 9098        | 6   | 08APR04 18:00  | 08APR04 21:59  | DR-Y ML-Y ORT3-Y R-H | 0  |                      |   |                            | MM-8480S REMOVE INSULATION FROM HEAD PER RMP 9098  |
| 263  | 1 | MM0311945B | MM1  | 78    | T-001   | T-1, INSTALL TEMP FME/VENT COVER                | 1   | 08APR04 17:00  | 08APR04 17:59  | DR-Y ML-Y ORT3-Y R-L | 9  |                      |   |                            | MM0311945B T-1, INSTALL TEMP FME/VENT COVER        |
| <b>MECHANICAL MAINTENANCE MM2 BONENFANT (BOP)</b>      |   |            |      |       |         |   |     |                |                |                      |    | <b>MM2</b>           |   |                            |  |
| 264  | 1 | MM0214081  | MM2  | 78    | HX-021A | HX-21A, HYDROLANCE CLEAN HP FEEDWATER HEATER    | 15  | 05APR04 07:00A | 07APR04 16:59  | DR-Y ML-Y ORT3-N R-L | 0  | MM0214081            | HX-21A, HYDROLANCE CLEAN HP FEEDWATER HEATER    |                            | HP FEEDWATER HEATER 5A 0214081                     |
| 265  | 1 | MM0311888  | MM2  | 78    | HX-021B | 1HX-21B HYDROLANCE HX                           | 15  | 05APR04 07:00A | 07APR04 16:59  | DR-N ML-N ORT3-N R-L | 0  | MM0311888            | 1HX-21B HYDROLANCE HX                           |                            | HP FEEDWATER HEATER 5B 0311888                     |
| 266  | 1 | MM0214142  | MM2  | 78    | SC-1A   | HYDROLANCE SC-1A CONDENSER (BOTH WATERBOXES)    | 33  | 05APR04 07:00A | 09APR04 14:59  | DR-Y ML-Y ORT3-Y R-L | 0  | MM0214142            | HYDROLANCE SC-1A CONDENSER (BOTH WATERBOXES)    |                            |  |
| 287  | 0 | MM0201264  | MM2  | 80    | Z-015   | WIRE ROPE INSPECTION                            | 0   | 05APR04 18:00A | 05APR04 23:59A | DR-Y ML-Y ORT3-Y R-L |    |                      |   |                            |  |
| 268  | 1 | MM0214092  | MM2  | 78    | HX-046  | INSPECT AIR EJECTOR NOZZLES Z-53C THROUGH Z-53H | 28  | 06APR04 10:00A | 08APR04 15:59  | DR-N ML-N ORT3-N R-L | 0  | MM0214092            | INSPECT AIR EJECTOR NOZZLES Z-53C THROUGH Z-53H |                            | AIR EJECTOR  |
| 269  | 1 | MM0306054  | MM2  | 78    | P-028A  | P-028A - OVERHAUL MAIN FEED PUMP                | 100 | 07APR04 05:00  | 15APR04 08:59  | DR-Y ML-Y ORT3-N R-L | 0  | MM0306054            | P-028A - OVERHAUL MAIN FEED PUMP                |                            |  |

Run Date

08APR04 12:39

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #  | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                                      | RD | ES             | EF            | RISK                 | MF  | APR                       |                                 |                                 |  |  |  |
|--|---|------------|------|-------|------------|--|----|----------------|---------------|----------------------|-----|---------------------------|---------------------------------|---------------------------------|--|--|--|
|  |   |            |      |       |            |  |    |                |               |                      |     | 6<br>6, 9, 12, 15, 18, 21 | 7<br>0, 3, 6, 9, 12, 15, 18, 21 | 8<br>0, 3, 6, 9, 12, 15, 18, 21 |  |  |  |
| <b>MECHANICAL MAINTENANCE MM2 BONENFANT (BOP)</b>      |   |            |      |       |            |  |    |                |               |                      |     | <b>MM2</b>                |                                 |                                 |  |  |  |
| 270  | 1 | MM-BMFP-R4 | MM2  | 71    | P-0288-M   | P288 UNCOUPLE MOTOR FROM SPEED INCREASER         | 8  | 07APR04 11:00  | 08APR04 06:59 |                      | 0   |                           |                                 |                                 | MM-BMFP-R4 P288 UNCOUPLE MOTOR FROM SPEED INCREASER        |  |  |
| 271  | 1 | MM0214079  | MM2  | 76    | HX-020A    | HX-20A, HYDROLANCE CLEAN LP FEEDWATER HEATER     | 20 | 08APR04 07:00* | 09APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                           |                                 |                                 | MM0214079 HX-20A, HYDROLANCE                               |  |  |
| 272  | 1 | MM0407389  | MM2  | 30    | P-028A     | 1P-28A INSPECT SPEED INCREASER                   | 12 | 08APR04 13:00  | 09APR04 00:59 |                      | 184 |                           |                                 |                                 | MM0407389 1P-28A INSPEC                                    |  |  |
| 273  | 1 | MM0216612  | MM2  | 76    | CS-02181   | 1CS-2181 - EXCESSIVE VIBRATION                   | 10 | 08APR04 13:00  | 09APR04 10:59 | DR-N ML-N ORT3-N R-L | 90  |                           |                                 |                                 | MM0216612 1CS-2181 - EXC                                   |  |  |
| <b>MECHANICAL MAINTENANCE- RIDINGS/BRITT (RCP "B")</b> |   |            |      |       |            |  |    |                |               |                      |     | <b>MM3</b>                |                                 |                                 |  |  |  |
| 274  | 1 | MM-8485M   | MM3  | 76    | P-001B     | SET UP & TEST SEAL COLLECTION SYS.               | 5  | 06APR04 17:00* | 06APR04 21:59 | DR-N ML-N ORT3-N R-M | 43  |                           |                                 |                                 | MM-8485M SET UP & TEST SEAL COLLECTION SYS.                |  |  |
| 275  | 1 | MM-8486    | MM3  | 76    | P-001B     | REMOVE UPPER CC PIPING, P-1B                     | 6  | 07APR04 08:00  | 07APR04 13:59 | DR-Y ML-Y ORT3-N R-M | 33  |                           |                                 |                                 | MM-8486 REMOVE UPPER CC PIPING, P-1B                       |  |  |
| 276  | 1 | MM-8485B   | MM3  | 76    | P-001B     | UNCOUPLE AND BACKSEAT P-1B                       | 6  | 08APR04 17:00  | 08APR04 22:59 | DR-Y ML-Y ORT3-Y R-M | 0   |                           |                                 |                                 | MM-8485B UNCOUPL   |  |  |
| <b>MECHANICAL VALVE, VANDERVELDE/KENNEY</b>            |   |            |      |       |            |  |    |                |               |                      |     | <b>MMV</b>                |                                 |                                 |  |  |  |
| 277  | 1 | MM0214111  | MMV  | 76    | MS-02018A  | MS-2018A - VIDEO PROBE INSPECTION                | 4  | 05APR04 06:00A | 06APR04 15:59 | DR-Y ML-Y ORT3-Y R-L | 148 |                           |                                 |                                 | MM0214111 MS-2018A - VIDEO PROBE INSPECTION                |  |  |
| 278  | 1 | MM9937787  | MMV  | 76    | FD-02543A  | 1FD-2543A - REBUILD/STICKS & PACK LEAK           | 14 | 05APR04 06:00A | 07APR04 15:59 | DR-Y ML-Y ORT3-Y R-L | 30  |                           |                                 |                                 | MM9937787 1FD-2543A - REBUILD/STICKS & PACK LEAK           |  |  |
| 279  | 1 | MM9948487  | MMV  | 76    | FD-02513B  | 1FD-2513B LEAKS BY SEAT                          | 24 | 05APR04 06:00A | 08APR04 15:59 | DR-Y ML-Y ORT3-Y R-L | 60  |                           |                                 |                                 | MM9948487 1FD-2513B LEAKS BY SEAT                          |  |  |
| 280  | 1 | MM0214113  | MMV  | 76    | MS-02719   | MS-2719 - REMOVE VALVE AND SHIP OFFSITE          | 1  | 05APR04 07:00A | 06APR04 12:59 | DR-N ML-N ORT3-N R-L | 3   |                           |                                 |                                 | MM0214113 MS-2719 - REMOVE VALVE AND SHIP OFFSITE          |  |  |
| 281  | 1 | MM0216302  | MMV  | 76    | OS-00001-D | 1OS-1-DV SEAT LEAKAGE                            | 30 | 05APR04 18:00A | 09APR04 03:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                           |                                 |                                 | MM0216302 1OS-1-DV SEAT LEAKAGE                            |  |  |
| 282  | 1 | MM0214107  | MMV  | 76    | MS-02012   | MS-2012 - REMOVE AND SWAP WITH SPARE             | 17 | 06APR04 09:00A | 07APR04 04:59 | DR-Y ML-Y ORT3-N R-L | 0   |                           |                                 |                                 | MM0214107 MS-2012 - REMOVE AND SWAP WITH SPARE             |  |  |
| 283  | 1 | MM0214026  | MMV  | 76    | CS-00141A  | CS-141A, INSPECT CHECK VALVE INTERNALS, RMP 9326 | 18 | 06APR04 10:00A | 08APR04 09:59 | DR-Y ML-Y ORT3-N R-L | 0   |                           |                                 |                                 | MM0214026 CS-141A, INSPECT CHECK VALVE INTERNALS, RMP 9326 |  |  |
| 284  | 1 | MM0302633  | MMV  | 76    | CV-00392   | 1CV-392 - REPACK                                 | 6  | 06APR04 18:00* | 06APR04 23:59 | DR-N ML-N ORT3-N R-L | 0   |                           |                                 |                                 | MM0302633 1CV-392 - REPACK                                 |  |  |
| 285  | 1 | MM0214106  | MMV  | 76    | MS-02006   | MS-2006 - REMOVE AND SWAP WITH SPARE             | 20 | 06APR04 19:00  | 07APR04 14:59 | DR-N ML-N ORT3-N R-L | 0   |                           |                                 |                                 | MM0214106 MS-2006 - REMOVE AND SWAP WITH SPARE             |  |  |
| 286  | 1 | MM0306532  | MMV  | 76    | CV-01342   | CV-1342 - REPLACE RELIEF VALVE                   | 3  | 07APR04 01:00  | 07APR04 03:59 | DR-Y ML-Y ORT3-N R-L | 0   |                           |                                 |                                 | MM0306532 CV-1342 - REPLACE RELIEF VALVE                   |  |  |
| 287  | 1 | MM0306533  | MMV  | 76    | CV-01343   | CV-1343 - REPLACE RELIEF VALVE                   | 3  | 07APR04 02:00  | 07APR04 18:59 | DR-Y ML-Y ORT3-N R-L | 0   |                           |                                 |                                 | MM0306533 CV-1343 - REPLACE RELIEF VALVE                   |  |  |







after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                 | U | ID        | RESP | WO ST | EQID       | DESCRIPTION                          | RD | ES             | EF            | RISK                 | MF  | APR                  |                            |                            |   |  |  |
|-------------------|---|-----------|------|-------|------------|--------------------------------------|----|----------------|---------------|----------------------|-----|----------------------|----------------------------|----------------------------|---|--|--|
|                   |   |           |      |       |            |                                      |    |                |               |                      |     | 6 7 8                |                            |                            |   |  |  |
|                   |   |           |      |       |            |                                      |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21 |   |  |  |
| <b>OPERATIONS</b> |   |           |      |       |            |                                      |    |                |               |                      |     | <b>OPS</b>           |                            |                            |   |  |  |
| 340               | 1 | OP4F-010  | OPS  |       | OP-4F      | ESTABLISH OP 4F REQUIREMENTS         | 8  | 07APR04 00:00  | 07APR04 07:59 | DR-N ML-N ORT3-N R-L | 12  |                      |                            |                            | OP4F-010 ESTABLISH OP 4F REQUIREMENTS                   |  |  |
| 341               | 1 | OI150-20  | OPS  |       | OI-150     | WARM UP CST TO 110 DEGF              | 12 | 07APR04 00:00* | 07APR04 11:59 | DR-N ML-N ORT3-N R-L | 38  |                      |                            |                            | OI150-20 WARM UP CST TO 110 DEGF                        |  | WARM UP CST TO 110 DEGF                          |
| 342               | 1 | OI10A-010 | OPS  |       | T-008C     | PROCESS 'C' HUT PER OI 10A           | 60 | 07APR04 00:00  | 09APR04 11:59 |                      | 11  |                      |                            |                            | OI10A-010 PROCESS 'C' HUT PER OI 10A                    |  |  |
| 343               | 1 | OP0306895 | OPS  | 82    | AF-04001-M | 1AF-4001-M PMT STROKE PER IT-8A      | 2  | 07APR04 01:00  | 07APR04 02:59 | DR-N ML-N ORT3-N R-L | 444 |                      |                            |                            | OP0306895 1AF-4001-M PMT STROKE PER IT-8A               |  | 1P-29 AFP DISCHARGE 1HX-1A SG INLET ISOLATION MO |
| 344               | 1 | OP0212472 | OPS  | 76    | Z-016      | POSITION Z-016 MANIPULATOR FOR       | 1  | 07APR04 02:00  | 07APR04 02:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP0212472 POSITION Z-016 MANIPULATOR FOR MAINTENANCE    |  | REACTOR CAVITY MANIPULATOR                       |
| 345               | 1 | OP4D-040  | OPS  |       | OP-4D      | IPTE BRIEF DRAIN TO 70% RX LVL       | 1  | 07APR04 03:00  | 07APR04 03:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP4D-040 IPTE BRIEF DRAIN TO 70% RX LVL                 |  | DRAIN RX TO 60% / BURP S/Gs / DRAIN RX TO 70%    |
| 346               | 1 | OP4D-060  | OPS  |       | OP-4D      | DRAIN TO 70% RX LEVEL                | 4  | 07APR04 04:00  | 07APR04 07:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP4D-060 DRAIN TO 70% RX LEVEL                          |  | LOWER REACTOR LEVEL TO 1 FT BELOW FLANGE         |
| 347               | 1 | OP0306894 | OPS  | 82    | AF-04000-M | 1AF-4000-M PMT STROKE PER IT-8A      | 2  | 07APR04 05:00  | 07APR04 06:59 | DR-N ML-N ORT3-N R-L | 239 |                      |                            |                            | OP0306894 1AF-4000-M PMT STROKE PER IT-8A               |  | 1P-29 AFP DISCHARGE 1HX-1B SG INLET ISOLATION MO |
| 348               | 1 | SOPCC002A | OPS  |       | P-001A-M   | DRAIN RCP A CCW PIPING               | 8  | 07APR04 05:00  | 07APR04 12:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | SOPCC002A DRAIN RCP A CCW PIPING                        |  |  |
| 349               | 1 | OI100-20  | OPS  |       | T-034A     | VENT SI ACCUMULATOR T-34A            | 5  | 07APR04 07:00  | 07APR04 11:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OI100-20 VENT SI ACCUMULATOR T-34A                      |  |  |
| 350               | 1 | OP0215190 | OPS  | 76    | SI-00878D- | SI-878D PMT STROKE PER IT-210        | 1  | 07APR04 08:00  | 07APR04 08:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP0215190 SI-878D PMT STROKE PER IT-210                 |  | P-15A SI PUMP LOOP A INJECTION OPERATOR          |
| 351               | 1 | OP4D-080  | OPS  |       | OP-4D      | DRAIN RX TO 60% / BURP STEAM         | 12 | 07APR04 08:00  | 07APR04 19:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP4D-080 DRAIN RX TO 60% / BURP STEAM GENERATORS        |  | DRAIN RX TO 60% / BURP S/Gs                      |
| 352               | 1 | OI-106-A2 | OPS  |       | X-17B      | RESTORE HEAT TRACE PANELS PER OI-106 | 2  | 07APR04 10:00  | 07APR04 11:59 | DR-N ML-N ORT3-N R-L | 75  |                      |                            |                            | OI-106-A2 RESTORE HEAT TRACE PANELS PER OI-106 SEC. 5.4 |  | PAB HTPB BA SECONDARY HEAT TRACING PANEL         |
| 353               | 1 | OI100-40  | OPS  |       | T-034A     | DRAIN SI ACCUMULATOR T-34A           | 12 | 07APR04 12:00  | 07APR04 23:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OI100-40 DRAIN SI ACCUMULATOR T-34A                     |  |  |
| 354               | 1 | SOPCC002E | OPS  |       | HX-004     | DRAIN EXCESS LETDOWN CCW PIPING      | 4  | 07APR04 13:00  | 07APR04 16:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                            |                            | SOPCC002E DRAIN EXCESS LETDOWN CCW PIPING               |  |  |
| 355               | 1 | OP0403303 | OPS  | 76    | CC-00759B- | CC-759B PMT STROKE PER IT-250        | 1  | 07APR04 17:00  | 07APR04 17:59 | DR-Y ML-Y ORT3-N R-L | 364 |                      |                            |                            | OP0403303 CC-759B PMT STROKE PER IT-250                 |  | 1P-1B RCP CC OUTLET MOV OPERATOR                 |
| 356               | 1 | SOPCC002F | OPS  |       | HX-004     | DRAIN EXCESS LETDOWN CCW FOR         | 2  | 07APR04 19:00  | 07APR04 20:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                            |                            | SOPCC002F DRAIN EXCESS LETDOWN CCW FOR O-               |  |  |
| 357               | 1 | OP4D-090  | OPS  |       | OP-4D      | VENT/BURP/ALIGN RCDT                 | 2  | 07APR04 20:00  | 07APR04 21:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | OP4D-090 VENT/BURP/ALIGN RCDT                           |  | VENT RCDT TO WG / BURP / AND AL                  |
| 358               | 1 | OI58-010  | OPS  |       | OI-58      | DRAIN TRANSFER CANAL                 | 16 | 07APR04 20:00  | 08APR04 11:59 | DR-Y ML-Y ORT3-N R-L | 0   |                      |                            |                            | OI58-010 DRAIN TRANSFER CANAL                           |  | FUEL TRANSFER                                    |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                                  | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                              | RD | ES             | EF            | RISK                 | MF  | APR                  |                            |                            |   |
|------------------------------------|---|------------|------|-------|------------|--|----|----------------|---------------|----------------------|-----|----------------------|----------------------------|----------------------------|---|
|                                    |   |            |      |       |            |  |    |                |               |                      |     | 6                    | 7                          | 8                          |   |
|                                    |   |            |      |       |            |  |    |                |               |                      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21 |   |
| <b>PRODUCTION PLANNING</b>         |   |            |      |       |            |  |    |                |               |                      |     | <b>PPG</b>           |                            |                            |   |
| 396                                | 1 | SIX3ZZ     | PPG  |       | MILESTONE  | CLOSE CTMT SPRAY ADD WORK                | 0  | 07APR04 10:00  | 07APR04 09:59 | DR-N ML-N ORT3-N R-L | 299 |                      |                            |                            | SIX3ZZ CLOSE CTMT SPRAY ADD WORK [CTMT SPRAY ADDITIVE SUBSYSTEM |
| 397                                | 1 | MSB20Z     | PPG  |       | HX-001B    | END S/G B PRIORITY SAFETY VALVE WORK     | 0  | 07APR04 17:00  | 07APR04 16:59 | DR-N ML-N ORT3-N R-L | 38  |                      |                            |                            | MSB20Z END S/G B PRIORITY SAFETY VALVE WORK                     |
| 398                                | 1 | RCX02A1    | PPG  |       | MILESTONE  | ENTER RCS REDUCED INVENTORY (1ST)        | 0  | 08APR04 02:00  |               | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | RCX02A1 ENTER RCS REDUCED INVENT SAFETY MONITOR PLANT OF        |
| 399                                | 1 | MSA20Z     | PPG  |       | MILESTONE  | END S/G A PRIORITY SAFETY VALVE WORK     | 1  | 08APR04 03:00  | 08APR04 03:59 | DR-N ML-N ORT3-N R-L | 48  |                      |                            |                            | MSA20Z END S/G A PRIORITY SAFETY                                |
| 400                                | 1 | RCBREACH   | PPG  |       | MILESTONE  | RCS BREACHED                             | 0  | 08APR04 10:00  |               | DR-N ML-N ORT3-N R-L | 837 |                      |                            |                            | RCBREACH RCS BREACHED   |
| 401                                | 1 | RCX00A     | PPG  |       | CONDITION  | RCS BOUNDARY WORK STARTS                 | 0  | 08APR04 10:00  | 08APR04 09:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | RCX00A RCS BOUNDARY W RCS INTEGRITY CA                          |
| 402                                | 1 | MIDLOOPA-1 | PPG  |       | MILESTONE  | START RCS AT MIDLOOP (1ST)               | 0  |                | 08APR04 11:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | MIDLOOPA-1 START RCS AT M                                       |
| 403                                | 1 | RCX31A     | PPG  |       | MILESTONE  | START RCS WORK W/LARGE HOT LEG           | 0  | 08APR04 17:00  | 08APR04 16:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | RCX31A START RCS START PF                                       |
| <b>REACTOR ENGINEERING</b>         |   |            |      |       |            |  |    |                |               |                      |     | <b>PRE</b>           |                            |                            |   |
| 404                                | 2 | PR0300109  | PRE  | 77    | RESP 6.2/6 | UNIT-2 - VERIFY RCS FLOW RATE >= TECH    | 2  | 08APR04 12:00* | 08APR04 13:59 | DR-Y ML-Y ORT3-N R-L | 755 |                      |                            |                            | PR0300109 UNIT-2 - VERIFY RCS FLOW RA                           |
| <b>RADIATION PROTECTION</b>        |   |            |      |       |            |  |    |                |               |                      |     | <b>RP</b>            |                            |                            |   |
| 405                                | 2 | HPIP-3.80  | RP   |       | OI-17A     | PERFORM U-2 LDGS SURVEYS WHILE           | 7  | 04APR04 19:00A | 06APR04 18:59 | DR-N ML-N ORT3-N R-L | 203 | HPIP-3.80            |                            |                            | PERFORM U-2 LDGS SURVEYS WHILE OFFLINE                          |
| 406                                | 1 | RPJF-131A  | RP   |       | HX-001A    | SETUP A S/G MANWAY PLATFORM FOR          | 12 | 05APR04 17:00A | 06APR04 23:59 | DR-N ML-N ORT3-N R-L | 8   | RPJF-131A            |                            |                            | SETUP A S/G MANWAY PLATFORM FOR GENERATOR WORK STEAM GENERATOR  |
| 407                                | 1 | RPJF-131B  | RP   |       | HX-001B    | SETUP B S/G MANWAY PLATFORM FOR          | 12 | 05APR04 17:00A | 06APR04 23:59 | DR-N ML-N ORT3-N R-L | 19  | RPJF-131B            |                            |                            | SETUP B S/G MANWAY PLATFORM FOR GENERATOR WORK STEAM GENERATOR  |
| 408                                | 1 | KEYWAY02   | RP   |       | HP 2.14    | END KEYWAY ACCESS (PRIOR TO THIMBLE      | 1  | 07APR04 09:00  | 07APR04 09:59 | DR-Y ML-Y ORT3-Y R-L | 0   |                      |                            |                            | KEYWAY02 END KEYWAY ACCESS (PRIOR TO THIMBLE W/DRAWA            |
| <b>LAUNDRY DECON - T. ENGLEMAN</b> |   |            |      |       |            |  |    |                |               |                      |     | <b>RP1</b>           |                            |                            |   |
| 409                                | 1 | RPJF-121-A | RP1  | 10    | R-1        | PREPARE RHLDA FOR HEAD LIFT              | 53 | 05APR04 17:00A | 08APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 28  | RPJF-121A            |                            |                            | PREPARE RHLDA FOR HEAD LIFT REACTOR                             |
| 410                                | 1 | RPSH080-I  | RP1  |       | PACKAGE 80 | INSTALL SHIELDING UNDER HEAD             | 3  | 06APR04 12:00  | 06APR04 14:59 | DR-N ML-N ORT3-N R-L | 78  | RPSH080-I            |                            |                            | INSTALL SHIELDING UNDER HEAD                                    |
| 411                                | 1 | RPSH063-I  | RP1  |       | PACKAGE 63 | INSTALL SHIELDING FOR SAMPLE PIPING B SG | 3  | 07APR04 03:00* | 07APR04 05:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | RPSH063-I INSTALL SHIELDING FOR SAMPLE PIPING B SG MANWAY       |
| 412                                | 1 | RPSH044-I  | RP1  |       | PACKAGE 44 | INSTALL SHIELDING ON RH-700              | 6  | 07APR04 03:00* | 07APR04 08:59 | DR-N ML-N ORT3-N R-L | 0   |                      |                            |                            | RPSH044-I INSTALL SHIELDING ON RH-700                           |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                              | U | ID         | RESP | WO ST | EQID       | DESCRIPTION                              | RD | ES             | EF            | RISK                 | MF  | APR   |   |                            |
|--------------------------------|---|------------|------|-------|------------|--|----|----------------|---------------|----------------------|-----|---|---|----------------------------|
|                                |   |            |      |       |            |  |    |                |               |                      |     | 6   | 7   | 8                          |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 6, 9, 12, 15, 18, 21                                  | 0, 3, 6, 9, 12, 15, 18, 21                      | 0, 3, 6, 9, 12, 15, 18, 21 |
| <b>TURBINE GENERATOR GROUP</b> |   |            |      |       |            |  |    |                |               |                      |     | <b>TGG</b>  |   |                            |
| 430                            | 1 | TG0215002A | TGG  | 76    | HX-054A    | HX-54A - REMOVE OLD EH COOLER            | 3  | 06APR04 13:00* | 06APR04 15:59 | DR-Y ML-Y ORT3-Y R-L | 61  | TG0215002A HX-54A - REMOVE OLD EH COOLER              |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0215002   | ELECTRO-HYDRAULIC FLUID COOLER                  |                            |
| 431                            | 1 | TG-30150   | TGG  | 76    | TG-01-T    | REMOVE HP TURBINE COVER BOLTING          | 5  | 06APR04 13:00  | 06APR04 17:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG-30150 REMOVE HP TURBINE COVER BOLTING              |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 432                            | 1 | TG0302133A | TGG  | 76    | MS-02026   | MS-2026 - REMOVE LH STOP AND PILOT VALVE | 10 | 06APR04 13:00  | 06APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 4   | TG0302133A MS-2026 - REMOVE LH STOP AND PILOT VALVE   |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302133   | HP TURBINE LEFT HAND STOP                       |                            |
| 433                            | 1 | TG0302135A | TGG  | 76    | MS-02033-O | MS-2033 - REMOVE LH GOV VALVE OPERATOR   | 10 | 06APR04 13:00  | 06APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 70  | TG0302135A MS-2033 - REMOVE LH GOV VALVE OPERATOR     |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302135   | HP TURBINE LOWER LEFT HAND GOVERNOR #1 OPERATOR |                            |
| 434                            | 1 | TG0309706  | TGG  | 76    | EH-00064   | EH-64, REPLACE VALVE                     | 8  | 06APR04 13:00  | 07APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG0309706 EH-64, REPLACE VALVE                        |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0309706   | TURBINE OVERSPEED TRIP TEST                     |                            |
| 435                            | 1 | TG-30120   | TGG  | 76    | TG-01-T    | UNBOLT & RMV U/H BLADE RGS & INNER       | 20 | 06APR04 13:00  | 07APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG-30120 UNBOLT & RMV U/H BLADE RGS & INNER           |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 436                            | 1 | TG-30650   | TGG  | 76    | TG-01-T    | REMOVE HP HORIZONTAL JOINT               | 20 | 06APR04 13:00  | 07APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 14  | TG-30650 REMOVE HP HORIZONTAL JOINT BOLT STUDS        |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 437                            | 1 | TG0302134A | TGG  | 76    | MS-02027   | MS-2027 - REMOVE RH STOP VALVE           | 10 | 06APR04 14:00  | 06APR04 23:59 | DR-Y ML-Y ORT3-Y R-L | 3   | TG0302134A MS-2027 - REMOVE RH STOP VALVE             |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302134   | HP TURBINE RIGHT HAND STOP                      |                            |
| 438                            | 1 | TG-30130   | TGG  | 76    | TG-01-T    | UNBOLT & REMOVE HP-LP COUPLING BOLTS     | 6  | 06APR04 15:00  | 06APR04 20:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG-30130 UNBOLT & REMOVE HP-LP COUPLING BOLTS         |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 439                            | 1 | TG-30910   | TGG  | 76    | TG-01-T    | CLEAN AND INSPECT #2-3 BEARING OIL SEALS | 8  | 06APR04 15:00  | 06APR04 22:59 | DR-Y ML-Y ORT3-Y R-L | 197 | TG-30910 CLEAN AND INSPECT #2-3 BEARING OIL SEALS     |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 440                            | 1 | TG-30170   | TGG  | 76    | TG-01-T    | INSPECT HP CYLINDER COVER                | 8  | 06APR04 18:00  | 07APR04 01:59 | DR-Y ML-Y ORT3-Y R-L | 206 | TG-30170 INSPECT HP CYLINDER COVER                    |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 441                            | 1 | TG-30220   | TGG  | 76    | TG-01-T    | REMOVE U/H OF #1 AND #2 BEARINGS         | 3  | 06APR04 21:00  | 06APR04 23:59 | DR-Y ML-Y ORT3-Y R-L | 13  | TG-30220 REMOVE U/H OF #1 AND #2 BEARINGS             |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 442                            | 1 | TG-30180   | TGG  | 76    | TG-01-T    | CHECK HP-LP COUPLING                     | 5  | 06APR04 21:00  | 07APR04 01:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG-30180 CHECK HP-LP COUPLING ALIGNMENT/BEARING BORES |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 443                            | 1 | TG-30210   | TGG  | 76    | TG-01-T    | P-037A - REMOVE LO PUMP UPPER CASING     | 2  | 07APR04 02:00  | 07APR04 07:59 | DR-Y ML-Y ORT3-Y R-L | 49  | TG-30210 P-037A - REMOVE LO PUMP UPPER CASING         |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 444                            | 1 | TG-30660   | TGG  | 76    | TG-01-T    | DUSTBLAST HP CYL BOLTING                 | 8  | 07APR04 07:00  | 07APR04 14:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TG-30660 DUSTBLAST HP CYL BOLTING                     |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 445                            | 1 | TG-30140   | TGG  | 76    | TG-01-T    | DUSTBLAST HP CYLINDER COVER              | 10 | 07APR04 07:00* | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 7   | TG-30140 DUSTBLAST HP CYLINDER COVER                  |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302153   | HIGH PRESSURE TURBINE                           |                            |
| 446                            | 1 | TG0406157  | TGG  | 76    | YS-02743   | 1YS-2743 INSPECT STRAINER                | 10 | 07APR04 07:00* | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 150 | TG0406157 1YS-2743 INSPECT STRAINER                   |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0406157   | TG-01 HP CYLINDER HEATING STEAM INLET           |                            |
| 447                            | 1 | TGHX22ARP  | TGG  | 76    | HX-022A    | MSR A INTERNALS REPAIRS (SHELL SIDE)     | 10 | 07APR04 07:00  | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   | TGHX22ARP MSR A INTERNALS REPAIRS (SHELL SIDE)        |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302108   | MOISTURE SEPARATOR REHEATER                     |                            |
| 448                            | 1 | TG0302133  | TGG  | 76    | MS-02026   | MS-2026 - OVERHAUL LH STOP VALVE         | 60 | 07APR04 07:00  | 13APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 14  | TG0302133 MS-2026 - OVERHAUL LH STOP VALVE            |   |                            |
|                                |   |            |      |       |            |  |    |                |               |                      |     | 0302133   |   |                            |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                              | U | ID         | RESP | WO ST | EQID     | DESCRIPTION                             | RD | ES             | EF            | RISK                 | MF  | APR        |   |   |  |  |  |
|--------------------------------|---|------------|------|-------|----------|---|----|----------------|---------------|----------------------|-----|------------|---|---|--|--|--|
|                                |   |            |      |       |          |   |    |                |               |                      |     | 6 7 8      |   |   |  |  |  |
|                                |   |            |      |       |          |   |    |                |               |                      |     | 6          | 7 | 8 |  |  |  |
| <b>TURBINE GENERATOR GROUP</b> |   |            |      |       |          |   |    |                |               |                      |     | <b>TGG</b> |   |   |  |  |  |
| 449                            | 1 | TG0302134  | TGG  | 78    | MS-02027 | MS-2027 - OVERHAUL RH STOP VALVE        | 60 | 07APR04 07:00  | 13APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG0302134 MS-2027 - OVERHAUL RH STOP VALVE             |  |  |
| 450                            | 1 | TG-30470P  | TGG  | 78    | TG-01-T  | OFF-LOAD AND STAGE ROTOR BORE INSP      | 8  | 07APR04 09:00* | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 10  |            |   |   | TG-30470P OFF-LOAD AND STAGE ROTOR BORE INSP EQUIPMENT |  |  |
| 451                            | 1 | TG0302154  | TGG  | 78    | TG-01-T1 | LP1 TURBINE CRAWL-THROUGH               | 40 | 07APR04 09:00* | 09APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG0302154 LP1 TURBINE CRAWL-THROUGH INSPECTION         |  |  |
| 452                            | 1 | TGHX22DLKT | TGG  | 78    | HX-022D  | MSR D LEAK CHECK (TUBE SIDE)            | 20 | 07APR04 09:00  | 09APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TGHX22DLKT MSR D LEAK CHECK (TUBE SIDE)                |  |  |
| 453                            | 1 | TG0309705  | TGG  | 76    | EH-00065 | EH-65 - REPLACE VALVE                   | 8  | 07APR04 11:00  | 08APR04 08:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG0309705 EH-65 - REPLACE VALVE                        |  |  |
| 454                            | 1 | TG-30200   | TGG  | 76    | TG-01-T  | CHART HP TURBINE SPINDLE                | 4  | 07APR04 13:00  | 07APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30200 CHART HP TURBINE SPINDLE                      |  |  |
| 455                            | 1 | TG-30670   | TGG  | 76    | TG-01-T  | NDE HP CYLINDER BOLTING                 | 16 | 07APR04 15:00  | 08APR04 10:59 | DR-Y ML-Y ORT3-Y R-L | 110 |            |   |   | TG-30670 NDE HP CYLINDER BOLTING                       |  |  |
| 456                            | 1 | TG-30230   | TGG  | 78    | TG-01-T  | RIG AND MOVE HP SPINDLE TO STAND        | 7  | 07APR04 17:00  | 07APR04 23:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30230 RIG AND MOVE HP SPINDLE TO STAND              |  |  |
| 457                            | 1 | TG-30260   | TGG  | 78    | TG-01-T  | PROTECT ENDS OF HP SPINDLE              | 2  | 08APR04 00:00  | 08APR04 01:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30260 PROTECT ENDS OF HP SPINDLE                    |  |  |
| 458                            | 1 | TG-30560   | TGG  | 78    | TG-01-T  | UNBOLT & RMV L/H OUTER STM GLDS         | 6  | 08APR04 00:00  | 08APR04 09:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30560 UNBOLT & RMV L/H OUTER STM GLDS               |  |  |
| 459                            | 1 | TG-30280   | TGG  | 78    | TG-01-T  | RIG & RMV L/H BLADE RINGS & INNER STEAM | 10 | 08APR04 00:00  | 08APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30280 RIG & RMV L/H BLADE RINGS & INNER STEAM       |  |  |
| 460                            | 1 | TG-30270   | TGG  | 76    | TG-01-T  | DUSTBLAST THE HP SPINDLE                | 40 | 08APR04 00:00  | 11APR04 23:59 | DR-Y ML-Y ORT3-Y R-L | 16  |            |   |   | TG-30270 DUSTBLAST THE HP SPINDLE                      |  |  |
| 461                            | 1 | TGHX22BVIS | TGG  | 78    | HX-022B  | MSR B INTERNALS INSPECTION (SHELL)      | 10 | 08APR04 07:00  | 08APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TGHX22BVIS MSR B INTERNALS INSPECTION                  |  |  |
| 462                            | 1 | TG-30470   | TGG  | 78    | TG-01-T  | PERFORM HP SPINDLE ROTOR BORE           | 70 | 08APR04 07:00* | 13APR04 16:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30470 PERFORM HP SPINDLE ROTOR BORE                 |  |  |
| 463                            | 1 | TG0302127  | TGG  | 78    | EH-06063 | EH-6063 - VALVE OVERHAUL                | 24 | 08APR04 09:00  | 10APR04 12:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG0302127 EH-6063 - VALVE OVERHAUL                     |  |  |
| 464                            | 1 | TG-30320   | TGG  | 78    | TG-01-T  | REMOVE LOWER HALF #1 BEARING            | 2  | 08APR04 10:00  | 08APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30320 REMOVE LOWER HALF #1 BEARING                  |  |  |
| 465                            | 1 | TG-30330   | TGG  | 76    | TG-01-T  | REMOVE LOWER HALF #2 BEARING            | 2  | 08APR04 10:00  | 08APR04 11:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30330 REMOVE LOWER HALF #2 BEARING                  |  |  |
| 466                            | 1 | TG-30490   | TGG  | 78    | TG-01-T  | REMOVE STEAM GLD SEGMENTS - OUTER       | 4  | 08APR04 10:00  | 08APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30490 REMOVE STEAM GLD SEGMENTS - OUTER             |  |  |
| 467                            | 1 | TG-30300   | TGG  | 76    | TG-01-T  | UNBOLT & REMOVE GOV PEDESTAL LH OIL     | 2  | 08APR04 12:00  | 08APR04 13:59 | DR-Y ML-Y ORT3-Y R-L | 0   |            |   |   | TG-30300 UNBOLT & REMOVE GOV PEDESTAL LH OIL           |  |  |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                          | U | ID       | RESP | WO ST | EQID       | DESCRIPTION                                  | RD | ES            | EF            | RISK                    | MF  | APR                  |   |                            |  |
|----------------------------|---|----------|------|-------|------------|--|----|---------------|---------------|-------------------------|-----|----------------------|---|----------------------------|--|
|                            |   |          |      |       |            |  |    |               |               |                         |     | 6                    | 7   | 8                          |  |
|                            |   |          |      |       |            |  |    |               |               |                         |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21  | 0, 3, 6, 9, 12, 15, 18, 21 |  |
| <b>WORK CONTROL CENTER</b> |   |          |      |       |            |  |    |               |               |                         |     | <b>WCC</b>           |   |                            |  |
| 486                        | 1 | T-2407-H | WCC  |       | RMP        | 1 4.16KV RMP 9364-1 UMBILICAL CORD EM REV0-1 | 1  | 06APR04 21:00 | 06APR04 21:59 |                         | 84  |                      | T-2407-H 1 4.16KV RMP 9364-1 UMBILICAL CORD EM REV0-1<br>0012407 1 4.16KV RMP 9364-1 UMBILICAL CORD EM REV0-1 |                            |  |
| 487                        | 1 | T-3758-H | WCC  |       | HX-056B    | 1 LO HX-56B EPT REV0-1                       | 1  | 06APR04 21:00 | 06APR04 21:59 | DR-Y ML-Y<br>ORT3-Y R-L | 213 |                      | T-3758-H 1 LO HX-56B EPT REV0-1<br>0013758 1 LO HX-56B EPT REV0-1   |                            |  |
| 488                        | 1 | T-3786-H | WCC  |       | POS-00478  | 1 CS POS-478 EM REV0-1                       | 1  | 06APR04 21:00 | 06APR04 21:59 |                         | 19  |                      | T-3786-H 1 CS POS-478 EM REV0-1<br>0013786 1 CS POS-478 EM REV0-1   |                            |  |
| 489                        | 1 | T-7345-H | WCC  |       | SI-00878D  | 1 SI SI-878D EM REV0-1                       | 1  | 06APR04 21:00 | 06APR04 21:59 |                         | 0   |                      | T-7345-H 1 SI SI-878D EM REV0-1<br>0017345 1 SI SI-878D EM REV0-1   |                            |  |
| 490                        | 1 | T-8264-R | WCC  |       | RMP        | 1 RP RMP 9026-4 EM REV1-1                    | 1  | 06APR04 21:00 | 06APR04 21:59 |                         | 8   |                      | T-8264-R 1 RP RMP 9026-4 EM REV1-1<br>0018264 1 RP RMP 9026-4 EM REV1-1                                       |                            |  |
| 491                        | 1 | T-8265-H | WCC  |       | RMP        | 1 RP RMP 9026-4 EM REV2-1                    | 1  | 06APR04 21:00 | 06APR04 21:59 |                         | 0   |                      | T-8265-H 1 RP RMP 9026-4 EM REV2-1<br>0018265 1 RP RMP 9026-4 EM REV2-1                                       |                            |  |
| 492                        | 1 | T-0478-H | WCC  |       | SI-00836A  | 1 SI SI-836A IC REV0-1                       | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 6   |                      | T-0478-H 1 SI SI-836A IC REV0-1<br>0010478 1 SI SI-836A IC REV0-1   |                            |  |
| 493                        | 1 | T-1672-H | WCC  |       | T-23       | 1 FD T-23 MMV REV0-1                         | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 0   |                      | T-1672-H 1 FD T-23 MMV REV0-1<br>0011672 1 FD T-23 MMV REV0-1   |                            |  |
| 494                        | 1 | T-2706-H | WCC  |       | P-025B     | 1 CS P-25B OIL MM REV0-1                     | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 310 |                      | T-2706-H 1 CS P-25B OIL MM REV0-1<br>0012706 1 CS P-25B OIL MM REV0-1   |                            |  |
| 495                        | 1 | T-2760-H | WCC  |       | P-028A     | 1 CS P-28A EM REV0-1                         | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 2   |                      | T-2760-H 1 CS P-28A EM REV0-1<br>0012760 1 CS P-28A EM REV0-1   |                            |  |
| 496                        | 1 | T-5945-H | WCC  |       | SI-00860A  | 1 SI SI-860A EM REV0-1                       | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 9   |                      | T-5945-H 1 SI SI-860A EM REV0-1<br>0015945 1 SI SI-860A EM REV0-1   |                            |  |
| 497                        | 1 | T-9893-H | WCC  |       | W-1B1/1B2  | 1 VNCC W-1B1/1B2 EM REV0-1                   | 2  | 06APR04 21:00 | 06APR04 22:59 |                         | 141 |                      | T-9893-H 1 VNCC W-1B1/1B2 EM REV0-1<br>0009893 1 VNCC W-1B1/1B2 EM REV0-1                                     |                            |  |
| 498                        | 1 | T-0510-H | WCC  |       | W-1B1/1B2  | 1 VNCC W-1B1/1B2 MM REV0-1                   | 3  | 06APR04 21:00 | 06APR04 23:59 |                         | 52  |                      | T-0510-H 1 VNCC W-1B1/1B2 MM REV0-1<br>0010510 1 VNCC W-1B1/1B2 MM REV0-1                                     |                            |  |
| 499                        | 1 | T-2741-H | WCC  |       | CS-00478   | 1 CS CS-478 MMV REV0-1                       | 3  | 06APR04 21:00 | 06APR04 23:59 |                         | 6   |                      | T-2741-H 1 CS CS-478 MMV REV0-1<br>0012741 1 CS CS-478 MMV REV0-1   |                            |  |
| 500                        | 1 | T-7576-H | WCC  |       | 102-1/TG-0 | 1 MRR 102-1/TG-01 CE REV0-1                  | 3  | 06APR04 21:00 | 06APR04 23:59 |                         | 0   |                      | T-7576-H 1 MRR 102-1/TG-01 CE REV0-1<br>0017576 1 MRR 102-1/TG-01 CE REV0-1                                   |                            |  |
| 501                        | 1 | T-1301-H | WCC  |       | P-028A     | 1 CS P-28A MM REV0-1                         | 4  | 06APR04 21:00 | 07APR04 00:59 |                         | 0   |                      | T-1301-H 1 CS P-28A MM REV0-1<br>0011301 1 CS P-28A MM REV0-1   |                            |  |
| 502                        | 1 | T-1302-H | WCC  |       | P-028B     | 1 CS P-28B MM REV0-1                         | 4  | 06APR04 21:00 | 07APR04 00:59 |                         | 0   |                      | T-1302-H 1 CS P-28B MM REV0-1<br>0011302 1 CS P-28B MM REV0-1   |                            |  |
| 503                        | 1 | T-2077-H | WCC  |       | CV-01342   | 1 CV CV-1342/1343 MMV REV0-1                 | 4  | 06APR04 21:00 | 07APR04 00:59 |                         | 0   |                      | T-2077-H 1 CV CV-1342/1343 MMV REV0-1<br>0012077 1 CV CV-1342/1343 MMV REV0-1                                 |                            |  |
| 504                        | 1 | T-7050-H | WCC  |       | P-028B     | 1 CS P-28B EM REV0-1                         | 4  | 06APR04 21:00 | 07APR04 00:59 |                         | 0   |                      | T-7050-H 1 CS P-28B EM REV0-1<br>0017050 1 CS P-28B EM REV0-1   |                            |  |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                          | U | ID       | RESP | WO ST | EQ/D      | DESCRIPTION                            | RD | ES             | EF            | RISK | MF  | APR                  |   |                            |  |
|----------------------------|---|----------|------|-------|-----------|--|----|----------------|---------------|------|-----|----------------------|---|----------------------------|--|
|                            |   |          |      |       |           |  |    |                |               |      |     | 6                    | 7   | 8                          |  |
|                            |   |          |      |       |           |  |    |                |               |      |     | 6, 9, 12, 15, 18, 21 | 0, 3, 6, 9, 12, 15, 18, 21  | 0, 3, 6, 9, 12, 15, 18, 21 |  |
| <b>WORK CONTROL CENTER</b> |   |          |      |       |           |  |    |                |               |      |     | <b>WCC</b>           |   |                            |  |
| 505                        | 1 | T-2759-H | WCC  |       | CS-38C    | 1 CS CS-38C MM REV0-1                  | 5  | 06APR04 21:00  | 07APR04 01:59 |      | 64  |                      | T-2759-H 1 CS CS-38C MM REV0-1<br>0012759 1 CS CS-38C MM REV0-1   |                            |  |
| 506                        | 1 | T-7329-R | WCC  |       | T-023     | 1 FD T-23 OPS REV0-1                   | 1  | 06APR04 23:00  | 06APR04 23:59 |      | 399 |                      | T-7329-R 1 FD T-23 OPS REV0-1<br>0017329 1 FD T-23 OPS REV0-1   |                            |  |
| 507                        | 1 | T-0513-H | WCC  |       | W-4A/B    | 1 VNRC W-4A/B NMS REV0-1               | 2  | 07APR04 00:00* | 07APR04 01:59 |      | 8   |                      | T-0513-H 1 VNRC W-4A/B NMS REV0-1<br>0010513 1 VNRC W-4A/B NMS REV0-1   |                            |  |
| 508                        | 1 | T-6121-R | WCC  |       | CV L/D    | 1 CV CV L/D SYS INSIDE CONTAINMENT MMV | 3  | 07APR04 00:00  | 07APR04 02:59 |      | 84  |                      | T-6121-R 1 CV CV L/D SYS INSIDE CONTAINMENT MMV REV0-1<br>0016121 1 CV CV L/D SYS INSIDE CONTAINMENT MMV REV0-1 |                            |  |
| 509                        | 1 | T-6597-H | WCC  |       | HX-048    | 1 CS HX-48 EPT REV0-1                  | 3  | 07APR04 00:00* | 07APR04 02:59 |      | 262 |                      | T-6597-H 1 CS HX-48 EPT REV0-1<br>0016597 1 CS HX-48 EPT REV0-1   |                            |  |
| 510                        | 1 | T-7712-H | WCC  |       | HX-048A   | 1 CS HX-48A/B MM REV0-1                | 3  | 07APR04 00:00* | 07APR04 02:59 |      | 4   |                      | T-7712-H 1 CS HX-48A/B MM REV0-1<br>0017712 1 CS HX-48A/B MM REV0-1   |                            |  |
| 511                        | 1 | T-2767-R | WCC  |       | P-028B    | 1 CS P-28B OPS REV0-1                  | 1  | 07APR04 01:00  | 07APR04 01:59 |      | 404 |                      | T-2767-R 1 CS P-28B OPS REV0-1<br>0012767 1 CS P-28B OPS REV0-1   |                            |  |
| 512                        | 1 | T-2768-R | WCC  |       | P-028A    | 1 CS P-28A OPS REV0-1                  | 1  | 07APR04 01:00  | 07APR04 01:59 |      | 369 |                      | T-2768-R 1 CS P-28A OPS REV0-1<br>0012768 1 CS P-28A OPS REV0-1   |                            |  |
| 513                        | 1 | T-2707-H | WCC  |       | CS-2189   | 1 CS CS-2189 EM REV0-1                 | 2  | 07APR04 01:00  | 07APR04 02:59 |      | 4   |                      | T-2707-H 1 CS CS-2189 EM REV0-1<br>0012707 1 CS CS-2189 EM REV0-1   |                            |  |
| 514                        | 1 | T-8012-H | WCC  |       | TM 04-002 | 1 480V TM 04-002 (X-17B) EM REV0-1     | 2  | 07APR04 01:00  | 07APR04 02:59 |      | 0   |                      | T-8012-H 1 480V TM 04-002 (X-17B) EM REV0-1<br>0018012 1 480V TM 04-002 (X-17B) EM REV0-1                       |                            |  |
| 515                        | 1 | T-7049-H | WCC  |       | P-028B    | 1 CS P-28B EM REV1-1                   | 1  | 07APR04 04:00  | 07APR04 04:59 |      | 0   |                      | T-7049-H 1 CS P-28B EM REV1-1<br>0017049 1 CS P-28B EM REV1-1   |                            |  |
| 516                        | 1 | T-0481-H | WCC  |       | SI-846    | 1 SI SI-846 IC REV0-1                  | 2  | 07APR04 04:00  | 07APR04 05:59 |      | 11  |                      | T-0481-H 1 SI SI-846 IC REV0-1<br>0010481 1 SI SI-846 IC REV0-1   |                            |  |
| 517                        | 1 | T-7050-R | WCC  |       | P-28B     | 1 CS P-28B EM REV0-1                   | 1  | 07APR04 05:00  | 07APR04 05:59 |      | 25  |                      | T-7050-R 1 CS P-28B EM REV0-1<br>0017050 1 CS P-28B EM REV0-1   |                            |  |
| 518                        | 1 | T-2437-H | WCC  |       | CC-759B   | 1 CC CC-759B EM REV0-1                 | 2  | 07APR04 05:00  | 07APR04 06:59 |      | 0   |                      | T-2437-H 1 CC CC-759B EM REV0-1<br>0012437 1 CC CC-759B EM REV0-1   |                            |  |
| 519                        | 1 | T-2435-H | WCC  |       | CC-00754B | 1 CC CC-754B EM REV0-1                 | 3  | 07APR04 05:00  | 07APR04 07:59 |      | 9   |                      | T-2435-H 1 CC CC-754B EM REV0-1<br>0012435 1 CC CC-754B EM REV0-1   |                            |  |
| 520                        | 1 | T-3375-H | WCC  |       | P-001B-M  | 1 RC P-1B-M RMP 9002-1 MM REV0-1       | 3  | 07APR04 05:00  | 07APR04 07:59 |      | 0   |                      | T-3375-H 1 RC P-1B-M RMP 9002-1 MM REV0-1<br>0013375 1 RC P-1B-M RMP 9002-1 MM REV0-1                           |                            |  |
| 521                        | 1 | T-3334-H | WCC  |       | P-001B-M  | 1 RC P-1B-M RMP 9002-1 EM REV2-1       | 4  | 07APR04 05:00  | 07APR04 08:59 |      | 0   |                      | T-3334-H 1 RC P-1B-M RMP 9002-1 EM REV2-1<br>0013334 1 RC P-1B-M RMP 9002-1 EM REV2-1                           |                            |  |
| 522                        | 1 | T-8265-R | WCC  |       | RMP       | 1 RP RMP 9026-4 EM REV2-1              | 1  | 07APR04 06:00  | 07APR04 06:59 |      | 306 |                      | T-8265-R 1 RP RMP 9026-4 EM REV2-1<br>0018265 1 RP RMP 9026-4 EM REV2-1   |                            |  |
| 523                        | 1 | T-8292-H | WCC  |       | DIVER     | 1 CW DIVER CE REV1-1                   | 3  | 07APR04 07:00* | 07APR04 09:59 |      | 117 |                      | T-8292-H 1 CW DIVER CE REV1-1<br>0018292 1 CW DIVER CE REV1-1   |                            |  |

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after 06APR04 12:00

# WORKING SCHEDULE

after 06APR04 12:00

| #                          | U | ID       | RESP | WO ST | EQID       | DESCRIPTION                              | RD | ES             | EF            | RISK                    | MF  | APR        |   |   |   |
|----------------------------|---|----------|------|-------|------------|--|----|----------------|---------------|-------------------------|-----|------------|---|---|---|
|                            |   |          |      |       |            |  |    |                |               |                         |     |            |   |   |   |
|                            |   |          |      |       |            |  |    |                |               |                         |     | 6          | 7 | 8 |   |
| <b>WORK CONTROL CENTER</b> |   |          |      |       |            |  |    |                |               |                         |     | <b>WCC</b> |   |   |   |
| 524                        | 1 | T-7068-H | WCC  |       | FD-204B    | 1 FD FD-204B MMV REV0-1                  | 5  | 07APR04 07:00* | 07APR04 11:59 |                         | 0   |            |   |   | T-7068-H 1 FD FD-204B MMV REV0-1<br>0017068 1 FD FD-204B MMV REV0-1                                   |
| 525                        | 1 | T-0478-R | WCC  |       | SI-836A    | 1 SI SI-836A IC REV0-1                   | 1  | 07APR04 09:00  | 07APR04 09:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   |            |   |   | T-0478-R 1 SI SI-836A IC REV0-1<br>0010478 1 SI SI-836A IC REV0-1                                     |
| 526                        | 1 | T-2760-R | WCC  |       | P-028A     | 1 CS P-28A EM REV0-1                     | 1  | 07APR04 09:00  | 07APR04 09:59 |                         | 1   |            |   |   | T-2760-R 1 CS P-28A EM REV0-1<br>0012760 1 CS P-28A EM REV0-1   |
| 527                        | 1 | T-3333-R | WCC  |       | P-001B-M   | 1 RC P-1B-M RMP 9002-1 EM REV1-1         | 1  | 07APR04 09:00  | 07APR04 09:59 |                         | 346 |            |   |   | T-3333-R 1 RC P-1B-M RMP 9002-1 EM REV1-1<br>0013333 1 RC P-1B-M RMP 9002-1 EM REV1-1                 |
| 528                        | 1 | T-7345-R | WCC  |       | SI-00878D  | 1 SI SI-878D EM REV0-1                   | 1  | 07APR04 09:00  | 07APR04 09:59 |                         | 47  |            |   |   | T-7345-R 1 SI SI-878D EM REV0-1<br>0017345 1 SI SI-878D EM REV0-1                                     |
| 529                        | 1 | T-8012-R | WCC  |       | TM 04-002  | 1 480V TM 04-002 (X-17B) EM REV0-1       | 1  | 07APR04 09:00  | 07APR04 09:59 |                         | 0   |            |   |   | T-8012-R 1 480V TM 04-002 (X-17B) EM REV0-1<br>0018012 1 480V TM 04-002 (X-17B) EM REV0-1             |
| 530                        | 1 | T-8014-H | WCC  |       | TM 04-002  | 1 480V TM 04-002 CAUT (X-17B) REV0-1     | 1  | 07APR04 09:00  | 07APR04 09:59 |                         | 168 |            |   |   | T-8014-H 1 480V TM 04-002 CAUT (X-17B) REV0-1<br>0018014 1 480V TM 04-002 CAUT (X-17B) REV0-1         |
| 531                        | 1 | T-7043-H | WCC  |       | P-028A-M   | 1 CS P-28A-M EM REV0-1                   | 2  | 07APR04 09:00  | 07APR04 10:59 |                         | 0   |            |   |   | T-7043-H 1 CS P-28A-M EM REV0-1<br>0017043 1 CS P-28A-M EM REV0-1                                     |
| 532                        | 1 | T-0513-R | WCC  |       | W-4A/B     | 1 VNRC W-4A/B NMS REV0-1                 | 1  | 07APR04 12:00  | 07APR04 12:59 |                         | 381 |            |   |   | T-0513-R 1 VNRC W-4A/B NMS REV0-1<br>0010513 1 VNRC W-4A/B NMS REV0-1                                 |
| 533                        | 1 | T-1774-H | WCC  |       | SW-30A/B   | 1 SW SW-30A/B MM REV0-1                  | 4  | 07APR04 12:00  | 07APR04 15:59 |                         | 194 |            |   |   | T-1774-H 1 SW SW-30A/B MM REV0-1<br>0011774 1 SW SW-30A/B MM REV0-1                                   |
| 534                        | 1 | T-2434-H | WCC  |       | CC-754A    | 1 CC CC-754A EM REV0-1                   | 1  | 07APR04 13:00  | 07APR04 13:59 |                         | 4   |            |   |   | T-2434-H 1 CC CC-754A EM REV0-1<br>0012434 1 CC CC-754A EM REV0-1                                     |
| 535                        | 1 | T-2436-H | WCC  |       | CC-759A    | 1 CC CC-759A EM REV0-1                   | 1  | 07APR04 13:00  | 07APR04 13:59 |                         | 18  |            |   |   | T-2436-H 1 CC CC-759A EM REV0-1<br>0012436 1 CC CC-759A EM REV0-1                                     |
| 536                        | 1 | T-8020-H | WCC  |       | W-021A     | 1 480V IWP 01-128*E-FN (W-21X) EM REV0-1 | 1  | 07APR04 15:00* | 07APR04 15:59 |                         | 71  |            |   |   | T-8020-H 1 480V IWP 01-128*E-FN (W-21X) EM REV0-1<br>0018020 1 480V IWP 01-128*E-FN (W-21X) EM REV0-1 |
| 537                        | 1 | T-9697-R | WCC  |       | HX-001B    | 1 MS HX-1B WLU MMV REV0-1                | 2  | 07APR04 15:00  | 07APR04 16:59 |                         | 0   |            |   |   | T-9697-R 1 MS HX-1B WLU MMV REV0-1<br>0009697 1 MS HX-1B WLU MMV REV0-1                               |
| 538                        | 1 | T-2437-R | WCC  |       | CC-759B    | 1 CC CC-759B EM REV0-1                   | 1  | 07APR04 17:00  | 07APR04 17:59 | DR-Y ML-Y<br>ORT3-Y R-L | 69  |            |   |   | T-2437-R 1 CC CC-759B EM REV0-1<br>0012437 1 CC CC-759B EM REV0-1                                     |
| 539                        | 1 | T-7398-R | WCC  |       | SOP-CC-002 | 1 CC SOP-CC-002 OPS REV0-1               | 1  | 07APR04 17:00  | 07APR04 17:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   |            |   |   | T-7398-R 1 CC SOP-CC-002 OPS REV0-1<br>0017398 1 CC SOP-CC-002 OPS REV0-1                             |
| 540                        | 1 | T-7399-H | WCC  |       | SOP-CC-002 | 1 CC SOP-CC-002 OPS REV1-1               | 1  | 07APR04 17:00  | 07APR04 17:59 | DR-Y ML-Y<br>ORT3-Y R-L | 0   |            |   |   | T-7399-H 1 CC SOP-CC-002 OPS REV1-1<br>0017399 1 CC SOP-CC-002 OPS REV1-1                             |
| 541                        | 1 | T-7106-H | WCC  |       | TG-01-G    | 1 TU TG-01-G EM REV1-1                   | 2  | 07APR04 17:00  | 07APR04 18:59 |                         | 53  |            |   |   | T-7106-H 1 TU TG-01-G EM REV1-1<br>0017106 1 TU TG-01-G EM REV1-1                                     |
| 542                        | 1 | T-7712-R | WCC  |       | HX-046A    | 1 CS HX-46A/B MM REV0-1                  | 2  | 07APR04 17:00  | 07APR04 18:59 |                         | 412 |            |   |   | T-7712-R 1 CS HX-46A/B MM REV0-1<br>0017712 1 CS HX-46A/B MM REV0-1                                   |









## Point Beach Nuclear Plant U1R28 Operating Experience

**Tuesday, April 6, 2004**  
**(for work Thursday, April 8, 2004)**

**OE subject:**

**OE16463 - Reactor Pressure Vessel Stud Tensioner Failure Results In Spraying Hydraulic Fuel In The Reactor Cavity**

**Purpose:**

Provide a reminder that materials (tools) used in the cavity should be checked to ensure that they have a low probability of contributing foreign material (will remain intact).

**Why we chose this OE for today:**

Reactor Head detentioning is scheduled for Thursday April 8<sup>th</sup>, 2004.

**Discussion:**

During detensioning of the reactor pressure vessel head (RPV) the stud tensioner assembly failed resulting in spraying hydraulic fluid within the reactor cavity. The cause was less than adequate pre-outage preventive maintenance of the stud tensioner assembly. A more thorough PM program could have prevented the delay and additional work caused by this event during the outage.

**Description:** During detensioning of the RPV head, the stud tensioner assembly failed. The fitting between the high pressure hose at the pump and manifold on the strongback failed resulting in the high pressure hose blowing out of its fitting and spraying hydraulic fluid on the reactor pressure vessel head and flange. There was a concern that the loss of hydraulic fluid within the reactor cavity could have an adverse impact to safety related structural systems and components (SSCs) or to reactor water chemistry. Approximately 2.5 gallons of hydraulic oil (Mobile DTE 24) were lost when the hose fitting failed. An extensive cleanup of the RPV head removed all but trace amounts of the oil. An evaluation of the effects of the remaining oil on the RPV head was done and it was determined that the oil will have no adverse impact on the RPV head material (high strength, low alloy carbon steel). Trace amounts of oil remaining in the vessel flange area were reduced during flood-up by floating to the surface and being removed.

**Causes:** Inadequate preventive maintenance program for this tool.

**Corrective Actions:** Fitting between high-pressure hose at pump and manifold on strongback was replaced. The preventive maintenance requirements for the stud tensioners will be revised to strengthen evaluation requirements.

**Safety Significance:** The loss of hydraulic fluid within the reactor cavity was evaluated and considered to have no adverse impact to safety related SSCs or to reactor water chemistry. This could have also resulted in personnel injury had the hose impacted individuals working nearby

**Questions:**

When were the hoses and fittings last checked?

How do we protect ourselves should a fitting fail?