9-85

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POINT BEACH • U1R28

Point Beach Nuclear Plant
U1R28
OCC Interactive Turnover

Meeting Agenda
Sunday April 18, 2004

Start Time: **1800** **NSB Cafeteria**

ATTENDEES
Shift Outage Directors
Shift Outage Managers (SOM)
Operations Coordinators (SOC)
Maintenance Coordinators (MOC)
Engineer / Projects Coordinators (EOM)
Rad Protection Manager (RPM)
Site Safety Coordinator (SSC)
Shutdown Safety Assessor (SSA)
Site Management (SSM)
General Supervisors
First Line Supervisors

Agenda
1. Safety Issue Discussion (SSC)
2. Radiation Protection (RPM)
3. Operations Coordinator Turnover (SOC)
4. Shutdown Safety Assessment (SSA)
5. Maintenance Coordinator Turnover (MOC)
6. Engineering Coordinator Turnover (EOM)
7. Major Projects Update (EOM)
8. Schedule Review (SOM)
9. Work Activity Risk-Manager Assignment (SOM)
10. Management Expectations (SSM)
11. ACEMAN Assessment Results (SOM)
12. Shift Goals (SOM)

Items Included in Daily Package:
- Site Communication
- Safety Snippet
- Outage Alara Report
- Outage Status Report
- Shutdown Safety Assessment
- Outage Schedule
- Operating Unit Schedule
- Work Activity Risk Assignment
- ACEMAN Worksheet

BRIEFING NOTES

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

S-82

Site Communication
Revised 4/12/04

Priorities:

- The Safe Operation of Unit 2
- Safely Commence Scheduled Outage Work Activities on Unit 1 and Common Systems Using Unit 1 R28 Recovery and Restart Checklist

1st Priority	Increase RCS Inventory and Exit Safety Assessment "Yellow" Conditions on Core Cooling and Inventory
2nd Priority	Focused Specialty Activities - SG Eddy Current and Sludge Lancing - Main Turbine and Generator Work - Rx Vessel Head Inspection - Hx Hydro Lance and Eddy Current
3rd Priority	Remaining Scheduled Work

Communication Improvement Initiatives

Due to the recent problems encountered with outage activities, changes are being made to improve communication and turnovers and to focus our efforts on achieving all green shutdown safety assessment parameters. Effective 4/13/2004 at 0600 the following expectations are in effect:

Outage Briefing Schedule - NSB Cafeteria:

Day Shift	Night Shift	Activity
0600 – 0640	1800 – 1840	OCC Turnover **
0645 – 0725	1845 – 1925	Supervisor Communication of OCC Turnover to Work Force
0730 – 0800	1930 – 2000	Supervisor Feedback to OCC of Turnover to Work Force

** Outage Briefing Schedule Notes:

- The following personnel are required to attend the OCC turnover meeting: Upcoming shift supervisory personnel, General Supervisors, temporary supervisors, managers, and other personnel performing in a supervisory capacity for outage activities.
- Attendance will be taken at the OCC turnover meeting.
- It is recognized that this will result in longer durations for the outage. Since the safest place to be is on schedule, the outage schedule is being revised to include these meetings.
- Very few exceptions will be made to the briefing schedule requirement. The OCC will control all exceptions.

Additional Changes:

- Just in Time Information Sharing identified in the Priority Working Schedule shall be developed and presented for the associated significant task.
- A responsible Manager will be assigned to selected work activities as directed by the OCC. These managers will monitor the job from pre-job briefing through completion or end of their shift.

These changes are being implemented immediately. Please provide feedback to your supervisor on ways to improve this process.

RP MANAGEMENT EXPECTATIONS

How often should you check your Electronic Personal Dosimeter (EPD) for your accumulated dose??

NP 4.2.19, General Rules for Work in a Radiologically Controlled Area, Step 4.2.2 details the guidance and basically states that if you are in a radiation area (PAB or Containment general areas) you need to read your EPD at least once per hour. If you are in High Radiation Area, you need to read it once during the entry or at least every 15 minutes, whichever is less.

To: U1R28 Shift Outage Managers

From : Senior Management Representative

Date: April 18, 2004

Subject: Work Prior to and During Outage Briefing

The following change is being made to improve efficiency on long duration jobs and critical path activities.

For crews that have a shift turnover before the scheduled OCC interactive turnover it is acceptable for the crews to begin work before receiving the OCC turnover brief provided the following conditions are met:

- The job is a continuation of a job that the individuals worked on the previous day.
- The on-coming supervisor has received a Senior Management interview for the job.
- The on-coming individuals have been pre-job briefed on the scope of the job and performance expectations.
- If the job is being worked both shifts the on-coming crew has received a turnover brief from the previous shift.
- The crew would break at 0645 (1845) to receive the OCC interactive turnover briefing. For critical path jobs this briefing can be scheduled at a convenient time by the supervisor.

Application of these guidelines specifically for the ongoing activities to repair the polar crane has been discussed with Senior Plant Management.

Approval is granted for application of these guidelines to the ongoing activities to repair the polar crane, which is critical path to exit the existing yellow Shutdown Safety condition. Additional discussion will occur on day shift today to obtain consensus for general application of these guidelines.

Approved: JG Schweitzer / [signature] Date: 4/18/04
Print Sign
Senior Management Representative

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Point Beach Nuclear Plant
U1R28 Refueling Outage

Safety Topics for week of April 18-24

Theme for the week

This week's theme is Outage Reminders. An outage puts tremendous stress on all individuals involved. This stress is an accumulation of several factors including long work hours, poor nutrition habits, schedule adherence, unanticipated events and other items to numerous to mention. We must all remember to take care of each other, our families and ourselves during this time.

Daily Safety Snippets

Sunday

"Remember to use STAR and you will shine"

STAR is an acronym we can rely on to keep us on track for a successful outage. Stop – Think – Act and Review it is as simple as that.

Monday

"Three way communication is a key communication tool"
"I understand Three way communication is a key communication tool"
"That is correct"

Three way communication is not just a good idea it is a great process that we can use to clearly define the message sent was in fact the message heard. Hold each other accountable for the use of this practice and soon it will become standard.

Tuesday

"Avoid and recognize error likely situations "

Distractions and Unfamiliar tasks are just two of the "error likely" situations that we could encounter of a daily basis. As an example of the consequences of this error situation, consider what happened at Calvert Cliffs in January 2004. Three workers, one being a student employee, were sent to empty salt from a dump truck. The two experienced workers were called away, leaving the student to finish. He brushed salt off an auger with his hand when his hand was caught a pulled into the machine.

Wednesday

"Follow the schedule or risk dancing with the devil (or Shift Outage Director)"

OE17554 – October 2003 Quad Cities - While performing scheduled cleaning in the condensate demineralizer, the crew noticed the atmosphere had become hazy. Upon exiting the space they found out welding was going on in a nearby heat exchanger and the turbine building ventilation was shut off for work. Following the schedule helps to prevent such competing activities.

Thursday

"Be educated- not medicated"

Is the outage giving you a headache? Remember many people suffer serious side effects from the use of aspirin, laxatives, cold remedies, vitamins, herbals and diet aids. Misusing the product – like using too much, often causes reactions. More is not necessarily better. Recommended dosages are determined by the amount needed to achieve the desired effect without causing other problems.

Friday

"If the heat is making you sick, get out of the area quick."

OE17082 - September 2003 Fort Calhoun – RP technician working the in the lower cavity started experiencing heat stress symptoms. Rather than stopping the job and exiting the area, he decided to continue. The result was an ambulance ride to the local hospital of a contaminated worker. Do we all remember the signs of heat stress?

Saturday

"Only fools would not use their error reduction tools"

A reminder to use your error reduction tools for every job and every task, these include: Co-worker coaching, challenging information, peer checking, place keeping and procedure use and adherence to name just a few.

Point Beach Nuclear Plant Outage 1R28

DAY 14

Supporting Operational Excellence

Outage Radiation Performance

Path

Picture

Meets

Doesn't Meet Exceeds

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.

Meets:	<=75 Rem	Actual Cum.	
Exceeds:	<=71 Rem	Dose:	24.51 Rem

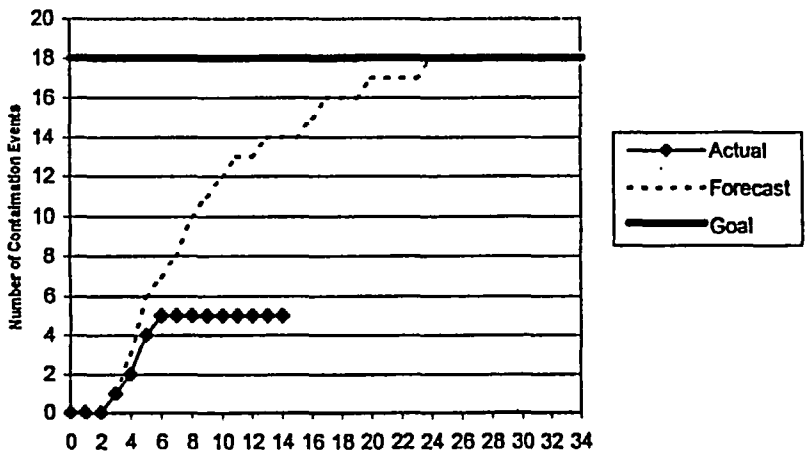
Meets: <= 18	Exceeds: <= 12	Actual PCE's:	5

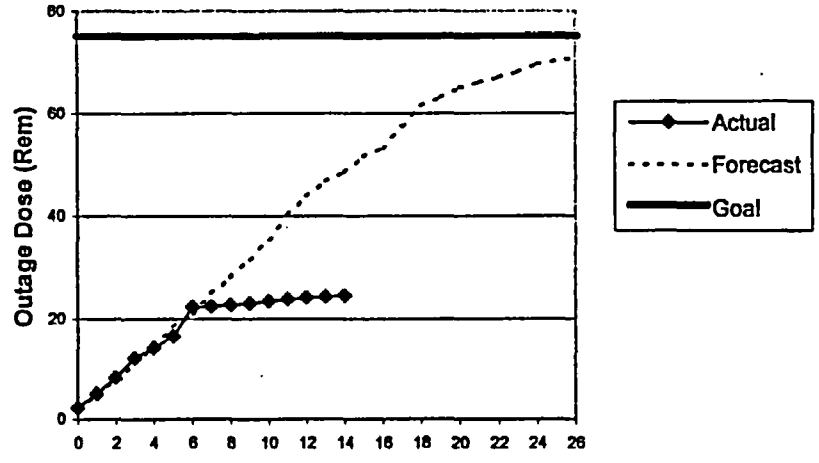
Responsible Manager/Owner

Stu Thomas

Analysis and Actions

Day 14 - April 17
Actual = 0.224
Cumulative = 24.510
Cumulative Forecast = 48.354





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Outage Status Report

Plant: Point Beach Unit 1 **Day:** Sunday **Today's Date / Time:** 4/18/04 1500

Outage Duration: Day 15 of 28

Safety Status

Industrial - Within the last 12 hours

OSHA Recordables 0 First Aid cases 0 Significant near misses 0

Total for this outage 1*

Summary: * Pending OSHA Injury – Back Strain

Radiological

Dose outage to date 24.510 Projected to date 48.354 Outage Goal ≤75 R

Difference -23.844 Number of PCEs 5

Summary:

Nuclear

Significant human performance errors and events in last 24 hours 0

Summary:

Plant Status

Mode: ☐ Hot Standby *(Mode 3)* ☐ Hot Shutdown *(Mode 4)* ☐ Cold Shutdown *(Mode 5)* ☒ Refueling Shutdown *(Mode 6)*

RCS: Temperature: 97 Pressure: Vented to Atmosphere RV Level: 68%

Time to Boil: 43 Minutes

Shutdown Safety Assessment

Reactivity: Green **Core Cooling:** Yellow **Power Availability:** Green

Containment: Green **Inventory:** Yellow **Spent Fuel Pool Cooling:** N/A

Shutdown Safety Assessment Protected Equipment:

Ext

Major Activities Completed In Last 24 Hours	Critical Path and Near Critical Path Activities (Next 24 Hours)
• Z-13 Polar Crane Initial Card Replacement on Aux & Main Hook Controls • Started IT-300B Pressurization	Schedule: Activities Required to Exit Yellow Risk Conditions 1) Complete Repairs & PMT on Z-13 Polar Crane 2) Reactor Vessel Head Stud Rack Removal 3) B RCP Motor Move 4) Install Cavity Seal Ring 5) Reactor Vessel Head Lift

Significant Outstanding Issues

Date	Issue	Due	Responsibility
4/03/04	Repair Blowdown Tank Leakage	4/20/04	Scott Manthei
4/04/04	1P2A Charging Pump Troubleshooting	4/23/04	Clay Hill
4/08/04	Incorporate Lessons Learned from 1ST Reduced Inventory Orange Path	4/20/04	Dave Dyzak
4/13/04	Z-13 Polar Crane Repair to Main and Auxiliary Hoists	4/18/04	Dan Laing
4/16/04	Nitrogen Supplied to Nozzle Dams has Potential to Backfeed to Breathing Air	4/18/04	Larry Peterson
4/17/04	Cable on NI Conduits	4/18/04	Mel Pedersen

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	0900			Initial	4/28/04	1100		
Refueled	4/14/04	0300			On-Line	4/30/04	0100		

OUTAGE SAFETY ASSESSMENT

UNIT: 1 DATE: April 18, 2004 TIME: 1400

KEY SAFETY FUNCTIONS:

REACTIVITY:	GREEN
CORE COOLING:	YELLOW
POWER AVAILABLE:	GREEN
INVENTORY:	YELLOW
CONTAINMENT:	GREEN
SFP COOLING:	N/A

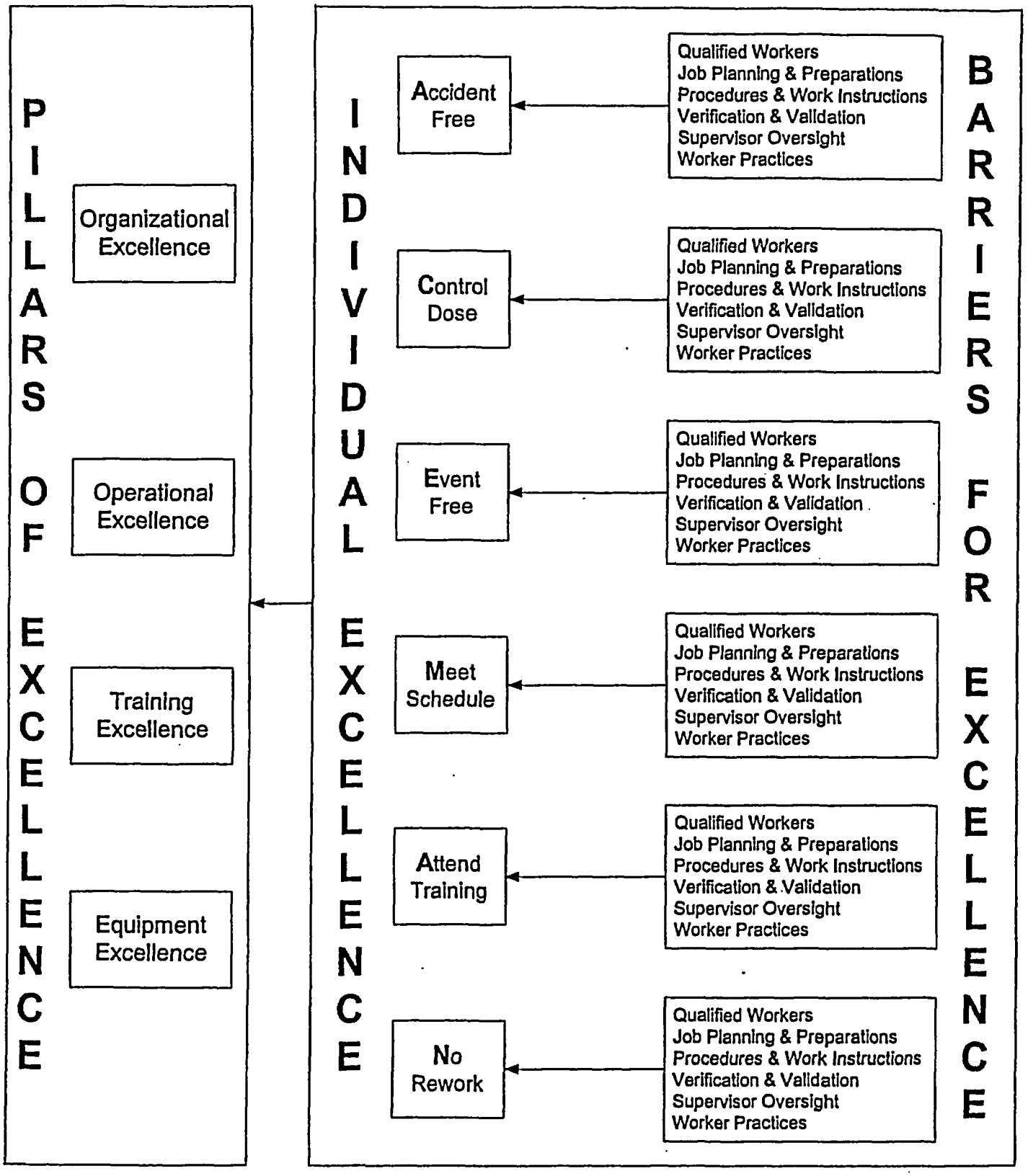
PROTECTED EQUIPMENT:

COMMENTS:

Ex 4

Fire Protection Condition III: Crediting existing fire rounds as fire prevention contingency
RCS Time to Boil is 43 minutes
RCS is at 68% Reactor Vessel level
Hot leg vent path is the removed Pressurizer manway

ACEMAN INDIVIDUAL EXCELLENCE WORKSHEET

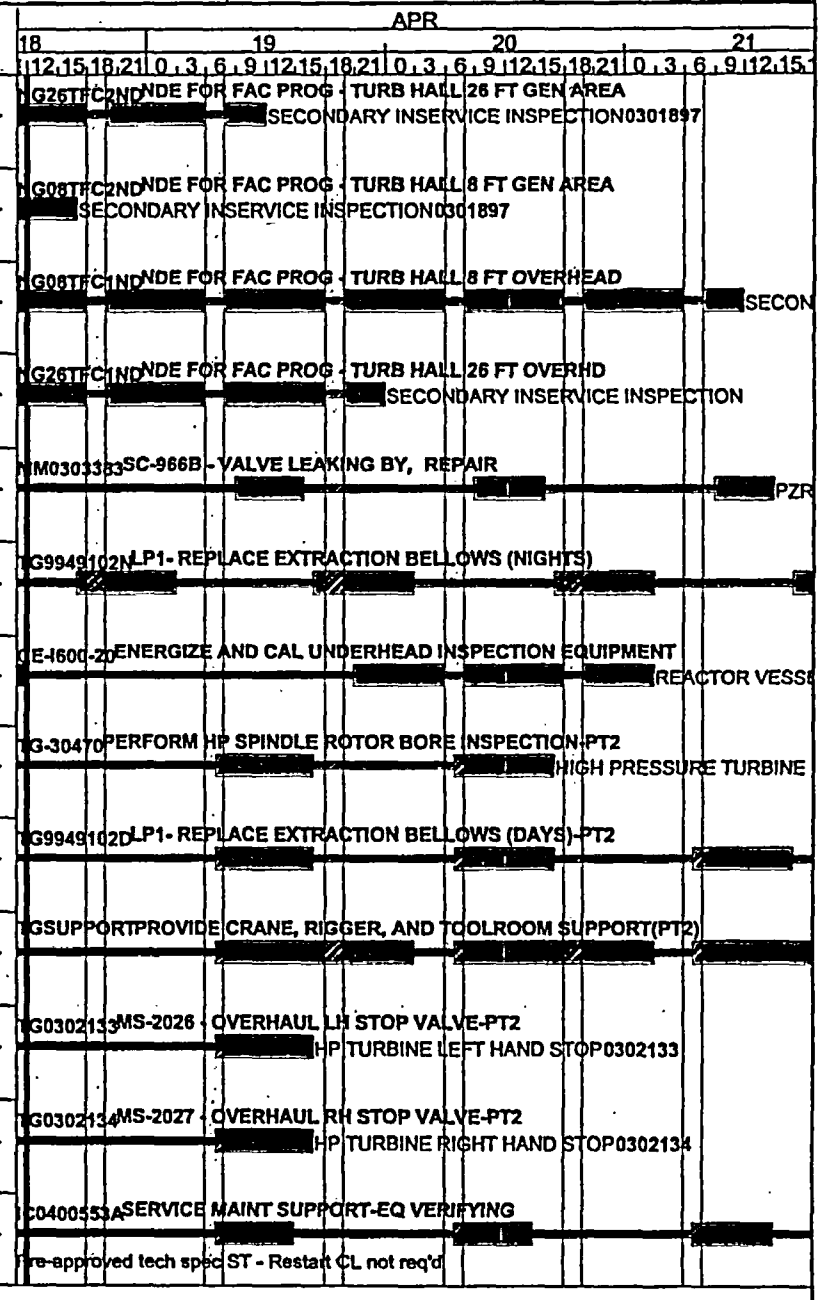


Date:_____ Time:_____

U1R28 WORKING SCHEDULE

after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	NG26TFC2ND	NDE	77	0301897	IST-SISI	NDE FOR FAC PROG - TURB HALL 26 FT GEN AREA	20	05APR04 07:00A	19APR04 11:59	DR-Y ML-Y ORT3-Y R-L
1	NG08TFC2ND	NDE	77	0301897	IST-SISI	NDE FOR FAC PROG - TURB HALL 8 FT GEN AREA	5	07APR04 08:00A	18APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	NG08TFC1ND	NDE	77	0301897	IST-SISI	NDE FOR FAC PROG - TURB HALL 8 FT OVERHEAD	60	08APR04 00:00A	21APR04 11:59	DR-Y ML-Y ORT3-Y R-L
1	NG26TFC1ND	NDE	77	0301897	IST-SISI	NDE FOR FAC PROG - TURB HALL 26 FT OVERHD	30	08APR04 21:00A	19APR04 23:59	DR-Y ML-Y ORT3-Y R-L
1	MM0303383	MMV	76	0303383	SC-00966B	SC-966B - VALVE LEAKING BY, REPAIR	20	09APR04 11:00A	21APR04 14:59	DR-Y ML-Y ORT3-N R-L
1	TG9949102N	TGG	76	9949102	TG-01-T1	LP1- REPLACE EXTRACTION BELLOWS (NIGHTS)	58	13APR04 00:00A	24APR04 00:59	DR-Y ML-Y ORT3-Y R-L
1	CE-I600-20	CE8	76	0213472	R-1	ENERGIZE AND CAL UNDERHEAD INSPECTION EQUIPMENT	26	13APR04 02:00A	21APR04 02:59	DR-Y ML-Y ORT3-Y R-L
1	TG-30470	TGG	76	0302153	TG-01-T	PERFORM HP SPINDLE ROTOR BORE INSPECTION-PT2	20	13APR04 09:00A	20APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	TG9949102D	TGG	76	9949102	TG-01-T1	LP1- REPLACE EXTRACTION BELLOWS (DAYS)-PT2	47	13APR04 09:00A	23APR04 13:59	DR-Y ML-Y ORT3-Y R-L
1	TGSUPPORT	TGG			TG-01-T	PROVIDE CRANE, RIGGER, AND TOOLROOM SUPPORT(PT2)	237	13APR04 09:00A	01MAY04 23:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302133	TGG	76	0302133	MS-02026	MS-2026 - OVERHAUL LH STOP VALVE-PT2	10	13APR04 12:00A	19APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302134	TGG	76	0302134	MS-02027	MS-2027 - OVERHAUL RH STOP VALVE-PT2	10	13APR04 12:00A	19APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	IC0400553A	IC1	76	0400553	SERVICE	SERVICE MAINT SUPPORT-EQ VERIFYING	34	14APR04 09:00A	23APR04 08:59	DR-Y ML-Y ORT3-Y R-L



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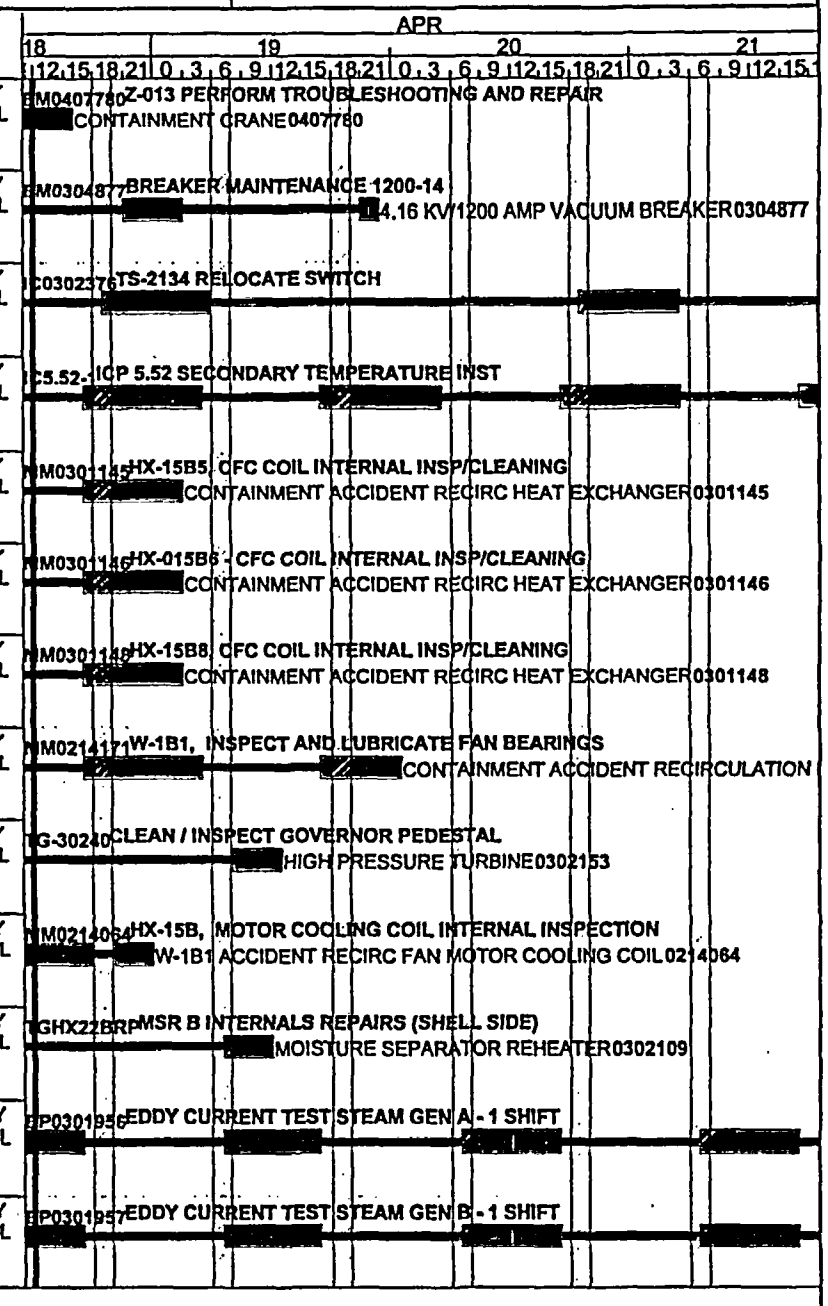
U1R28 WORKING SCHEDULE

after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	EM0407780	EM	76	0407780	Z-013	Z-013 PERFORM TROUBLESHOOTING AND REPAIR	4	14APR04 13:00A	18APR04 15:59	DR-Y ML-Y ORT3-N R-L
0	EM0304877	EM	76	0304877	A52-DHVR-1	BREAKER MAINTENANCE 1200-14	8	14APR04 19:00A	19APR04 22:59	DR-Y ML-Y ORT3-N R-L
1	IC0302376	IC2	76	0302376	TS-02134	TS-2134 RELOCATE SWITCH	102	14APR04 22:00A	30APR04 20:59	DR-N ML-Y ORT3-Y R-L
1	IC5.52-1	IC2	76	0300872	ICP-05.052	ICP 5.52 SECONDARY TEMPERATURE INST	102	14APR04 23:00A	26APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	MM0301145	MM1	76	0301145	HX-015B5	HX-15B5, CFC COIL INTERNAL INSP/CLEANING	10	15APR04 02:00A	19APR04 02:59	DR-Y ML-Y ORT3-N R-L
1	MM0301146	MM1	76	0301146	HX-015B6	HX-015B6 - CFC COIL INTERNAL INSP/CLEANING	10	15APR04 02:00A	19APR04 02:59	DR-Y ML-Y ORT3-N R-L
1	MM0301148	MM1	76	0301148	HX-015B8	HX-15B8, CFC COIL INTERNAL INSP/CLEANING	10	15APR04 02:00A	19APR04 02:59	DR-Y ML-Y ORT3-N R-L
1	MM0214171	MM1	76	0214171	W-001B1	W-1B1, INSPECT AND LUBRICATE FAN BEARINGS	20	15APR04 02:00A	20APR04 00:59	DR-Y ML-Y ORT3-N R-L
1	TG-30240	TGG	76	0302153	TG-01-T	CLEAN / INSPECT GOVERNOR PEDESTAL	5	15APR04 08:00A	19APR04 12:59	DR-Y ML-Y ORT3-Y R-L
1	MM0214064	MM1	76	0214064	HX-015B	HX-15B, MOTOR COOLING COIL INTERNAL INSPECTION	10	15APR04 10:00A	18APR04 23:59	DR-Y ML-Y ORT3-N R-L
1	TGHX22BRP	TGG	76	0302109	HX-022B	MSR B INTERNALS REPAIRS (SHELL SIDE)	5	16APR04 08:00A	19APR04 11:59	DR-Y ML-Y ORT3-Y R-L
1	EP0301956	EPT	76	0301956	HX-001A	EDDY CURRENT TEST STEAM GEN A - 1 SHIFT	64	17APR04 07:00A	24APR04 15:59	DR-N ML-Y ORT3-N R-L
1	EP0301957	EPT	76	0301957	HX-001B	EDDY CURRENT TEST STEAM GEN B - 1 SHIFT	64	17APR04 07:00A	24APR04 15:59	DR-N ML-Y ORT3-N R-L



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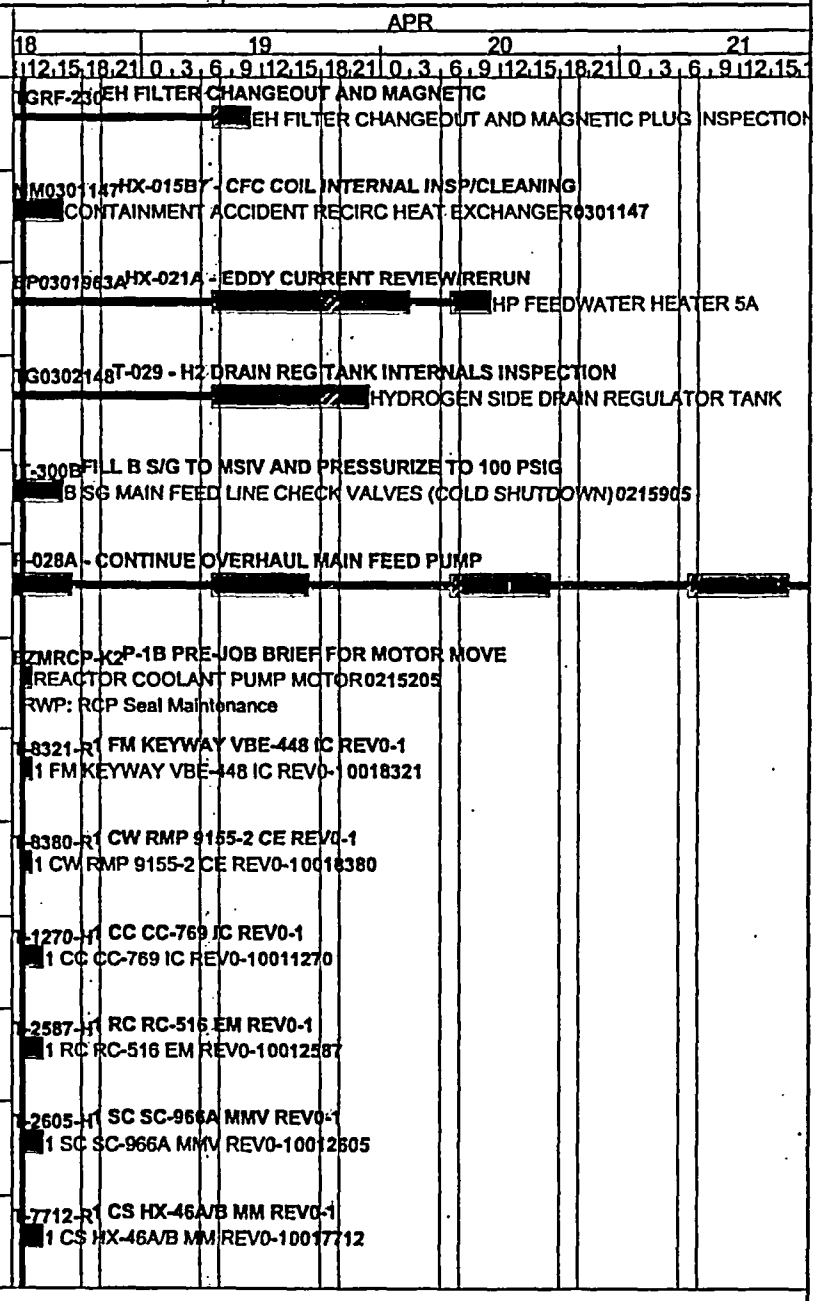
after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	TGRF-230	TGG	76	0215878	O-RF-230	EH FILTER CHANGEOUT AND MAGNETIC	4	17APR04 08:00A	19APR04 10:59	DR-Y ML-Y ORT3-Y R-L
1	MM0301147	MM1	76	0301147	HX-015B7	HX-015B7 - CFC COIL INTERNAL INSP/CLEANING	4	17APR04 13:00A	18APR04 15:59	DR-N ML-N ORT3-N R-L
1	EP0301963A	EPT	76	0301963	HX-021A	HX-021A - EDDY CURRENT REVIEW/RERUN	24	17APR04 14:00A	20APR04 10:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302148	TGG	76	0302148	T-029	T-029 - H2 DRAIN REG TANK INTERNALS INSPECTION	16	17APR04 21:00A	19APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	IT-300B	OPS	77	0215905	O-IT-0300B	FILL B S/G TO MSIV AND PRESSURIZE TO 100 PSIG	4	18APR04 10:00A	18APR04 15:59	DR-N ML-N ORT3-N R-L
1	MM0306054	MM2	76	0306054	P-028A	P-028A - CONTINUE OVERHAUL MAIN FEED PUMP	89	18APR04 11:00A	27APR04 10:59	DR-Y ML-Y ORT3-N R-L
1	EZMRCP-K2	EM	76	0215205	P-001B-M	P-1B PRE-JOB BRIEF FOR MOTOR MOVE	1	18APR04 12:00	18APR04 12:59	DR-Y ML-Y ORT3-N R-L
1	T-8321-R	WCC		0018321	KEYWAY	1 FM KEYWAY VBE-448 IC REV0-1	1	18APR04 12:00	18APR04 12:59	
1	T-8380-R	WCC		0018380	RMP	1 CW RMP 9155-2 CE REV0-1	1	18APR04 12:00	18APR04 12:59	DR-Y ML-Y ORT3-Y R-L
1	T-1270-H	WCC		0011270	CC-769	1 CC CC-769 IC REV0-1	2	18APR04 12:00	18APR04 13:59	DR-Y ML-Y ORT3-Y R-L
1	T-2587-H	WCC		0012587	RC-00516	1 RC RC-516 EM REV0-1	2	18APR04 12:00	18APR04 13:59	DR-Y ML-Y ORT3-Y R-L
1	T-2605-H	WCC		0012605	SC-966A	1 SC SC-966A MMV REV0-1	2	18APR04 12:00*	18APR04 13:59	
1	T-7712-R	WCC		0017712	HX-046A	1 CS HX-46A/B MM REV0-1	2	18APR04 12:00*	18APR04 13:59	DR-Y ML-Y ORT3-N R-L



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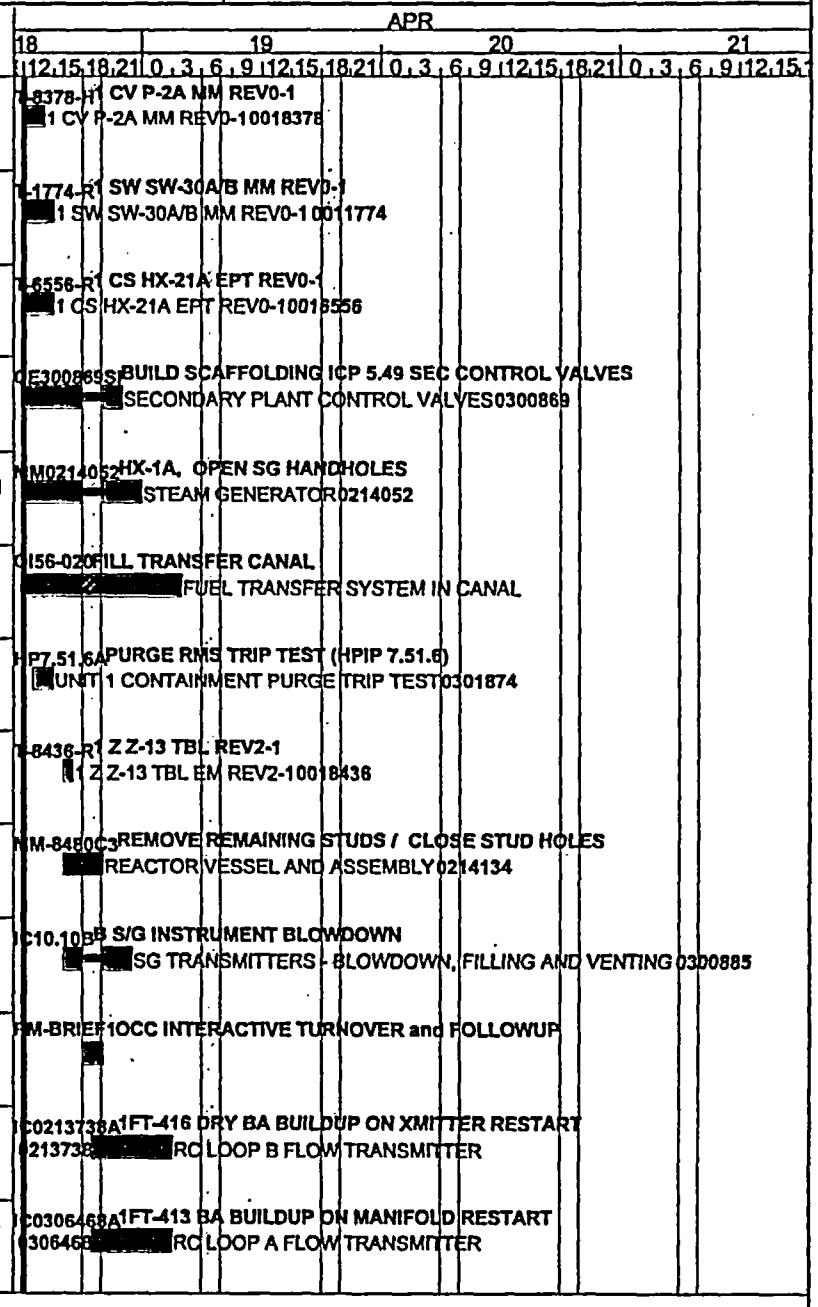
U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	T-8378-H	WCC		0018378	P-2A	1 CV P-2A MM REV0-1	2	18APR04 12:00	18APR04 13:59	
1	T-1774-R	WCC		0011774	SW-30A/B	1 SW SW-30A/B MM REV0-1	3	18APR04 12:00	18APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	T-6556-R	WCC		0016556	HX-21A	1 CS HX-21A EPT REV0-1	3	18APR04 12:00	18APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	CE300869SI	CE4	76	0300869	ICP-05.049	BUILD SCAFFOLDING ICP 5.49 SEC CONTROL VALVES	8	18APR04 12:00*	18APR04 21:59	DR-Y ML-Y ORT3-Y R-L
1	MM0214052	MM1	76	0214052	HX-001A	HX-1A, OPEN SG HANDHOLES	10	18APR04 12:00*	18APR04 23:59	DR-N ML-N ORT3-N R-M
1	OI56-020	OPS			OI-56	FILL TRANSFER CANAL	16	18APR04 12:00	19APR04 03:59	DR-Y ML-Y ORT3-N R-L
1	HP7.51.6A	HP	85	0301874	HP PURGE T	PURGE RMS TRIP TEST (HPIP 7.51.6)	2	18APR04 13:00*	18APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	T-8436-R	WCC		0018436	Z-013	1 Z Z-13 TBL REV2-1	1	18APR04 16:00	18APR04 16:59	DR-Y ML-Y ORT3-N R-L
1	MM-8480C3	MM1	76	0214134	R-1	REMOVE REMAINING STUDS / CLOSE STUD HOLES	4	18APR04 16:00	18APR04 19:59	DR-Y ML-Y ORT3-N R-L
1	IC10.10B	IC	76	0300885	ICP-10.010	B S/G INSTRUMENT BLOWDOWN	5	18APR04 16:00	18APR04 22:59	DR-Y ML-Y ORT3-N R-L
1	PM-BRIEF1	ADM			ADMIN	OCC INTERACTIVE TURNOVER and FOLLOWUP	2	18APR04 18:00*	18APR04 19:59	
1	IC0213738A	IC2	76	0213738	FT-00416	1FT-416 DRY BA BUILDUP ON XMITTER RESTART	8	18APR04 19:00	19APR04 02:59	DR-Y ML-Y ORT3-Y R-L
1	IC0306468A	IC2	76	0306468	FT-00413	1FT-413 BA BUILDUP ON MANIFOLD RESTART	8	18APR04 19:00	19APR04 02:59	DR-Y ML-Y ORT3-Y R-L



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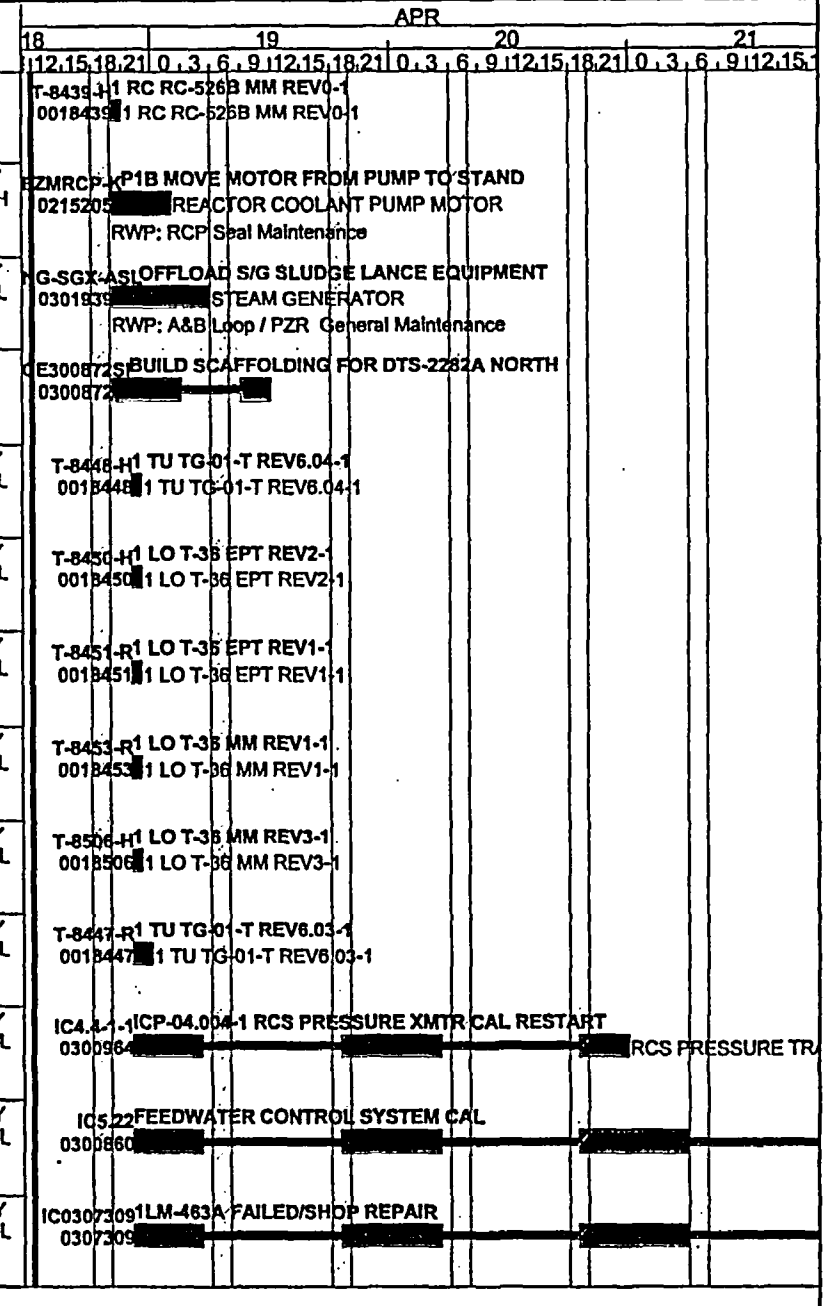
U1R28 WORKING SCHEDULE

after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	T-8439-H	WCC		0018439	RC-526B	1 RC RC-526B MM REV0-1	1	18APR04 20:00*	18APR04 20:59	
1	EZMRCP-K	EM	76	0215205	P-001B-M	P1B MOVE MOTOR FROM PUMP TO STAND	6	18APR04 20:00	19APR04 01:59	DR-Y ML-Y ORT3-N R-H
1	NG-SGX-ASL	EPT	76	0301939	HX-001B	OFFLOAD S/G SLUDGE LANCE EQUIPMENT	10	18APR04 20:00*	19APR04 05:59	DR-Y ML-Y ORT3-Y R-L
2	CE300872SI	CE4		0300872	ICP-05.052	BUILD SCAFFOLDING FOR DTS-2282A NORTH	10	18APR04 20:00*	19APR04 11:59	
1	T-8448-H	WCC		0018448	TG-01-T	1 TU TG-01-T REV6.04-1	1	18APR04 22:00	18APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	T-8450-H	WCC		0018450	T-36	1 LO T-36 EPT REV2-1	1	18APR04 22:00	18APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	T-8451-R	WCC		0018451	T-36	1 LO T-36 EPT REV1-1	1	18APR04 22:00	18APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	T-8453-R	WCC		0018453	T-36	1 LO T-36 MM REV1-1	1	18APR04 22:00	18APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	T-8506-H	WCC		0018506	T-36	1 LO T-36 MM REV3-1	1	18APR04 22:00	18APR04 22:59	DR-Y ML-Y ORT3-N R-L
1	T-8447-R	WCC		0018447	TG-01-T	1 TU TG-01-T REV6.03-1	2	18APR04 22:00	18APR04 23:59	DR-Y ML-Y ORT3-Y R-L
1	IC4.4-1-1	IC2	76	0300964	1ICP-04.00	ICP-04.004-1 RCS PRESSURE XMTR CAL RESTART	22	18APR04 22:00*	20APR04 23:59	DR-Y ML-Y ORT3-N R-L
1	IC5.22	IC2	76	0300860	ICP-05.022	FEEDWATER CONTROL SYSTEM CAL	60	18APR04 22:00*	25APR04 21:59	DR-N ML-Y ORT3-N R-L
1	IC0307309	IC2	76	0307309	LM-00463A	1LM-463A FAILED/SHOP REPAIR	75	18APR04 22:00	27APR04 02:59	DR-N ML-Y ORT3-N R-L



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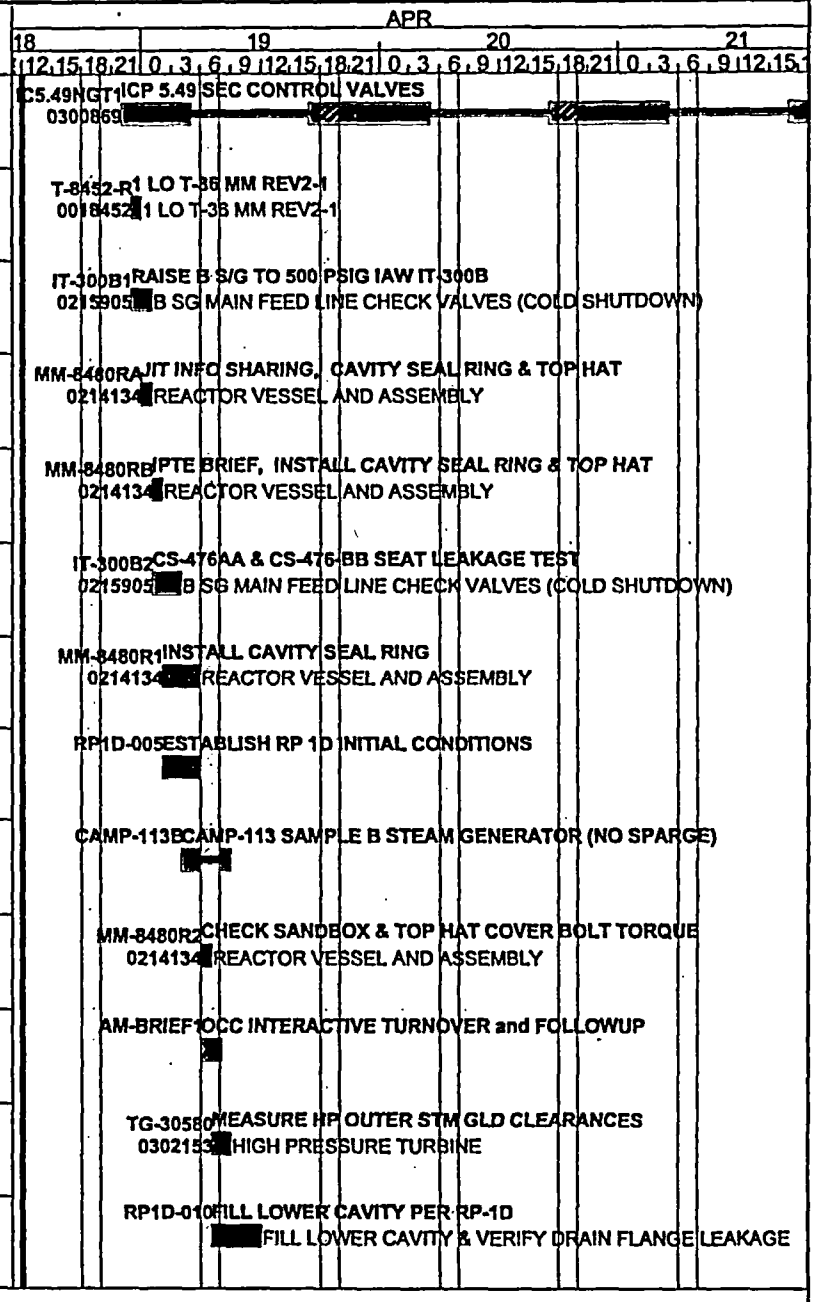
after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	IC5.49NGT1	ICV	76	0300869	ICP-05.049	ICP 5.49 SEC CONTROL VALVES	180	18APR04 22:00*	03MAY04 21:59	DR-Y ML-Y ORT3-Y R-L
1	T-8452-R	WCC		0018452	T-36	1 LO T-36 MM REV2-1	1	18APR04 23:00	18APR04 23:59	DR-Y ML-Y ORT3-Y R-L
1	IT-300B1	OPS	77	0215905	O-IT-0300B	RAISE B S/G TO 500 PSIG IAW IT-300B	2	18APR04 23:00	19APR04 00:59	DR-N ML-N ORT3-N R-L
1	MM-8480RA	MM1	76	0214134	R-1	JIT INFO SHARING, CAVITY SEAL RING & TOP HAT	1	19APR04 00:00*	19APR04 00:59	
1	MM-8480RB	MM1	76	0214134	R-1	IPTE BRIEF, INSTALL CAVITY SEAL RING & TOP HAT	1	19APR04 01:00	19APR04 01:59	DR-Y ML-Y ORT3-N R-L
1	IT-300B2	OPS	77	0215905	O-IT-0300B	CS-476AA & CS-476-BB SEAT LEAKAGE TEST	3	19APR04 01:00	19APR04 03:59	DR-N ML-N ORT3-N R-L
1	MM-8480R1	MM1	76	0214134	R-1	INSTALL CAVITY SEAL RING	4	19APR04 02:00	19APR04 05:59	DR-Y ML-Y ORT3-N R-L
1	RP1D-005	OPS			O-RP-001D	ESTABLISH RP 1D INITIAL CONDITIONS	4	19APR04 02:00	19APR04 05:59	DR-Y ML-Y ORT3-N R-L
1	CAMP-113B	CH			HX-001B	CAMP-113 SAMPLE B STEAM GENERATOR (NO SPARGE)	3	19APR04 04:00	19APR04 08:59	DR-N ML-N ORT3-N R-L
1	MM-8480R2	MM1	76	0214134	R-1	CHECK SANDBOX & TOP HAT COVER BOLT TORQUE	1	19APR04 06:00	19APR04 06:59	DR-Y ML-Y ORT3-N R-L
1	AM-BRIEF1	ADM			ADMIN	OCC INTERACTIVE TURNOVER and FOLLOWUP	2	19APR04 06:00*	19APR04 07:59	
1	TG-30580	TGG	76	0302153	TG-01-T	MEASURE HP OUTER STM GLD CLEARANCES	2	19APR04 07:00	19APR04 08:59	DR-Y ML-Y ORT3-Y R-L
1	RP1D-010	OPS			O-RP-001D	FILL LOWER CAVITY PER RP-1D	5	19APR04 07:00	19APR04 11:59	DR-Y ML-Y ORT3-N R-L



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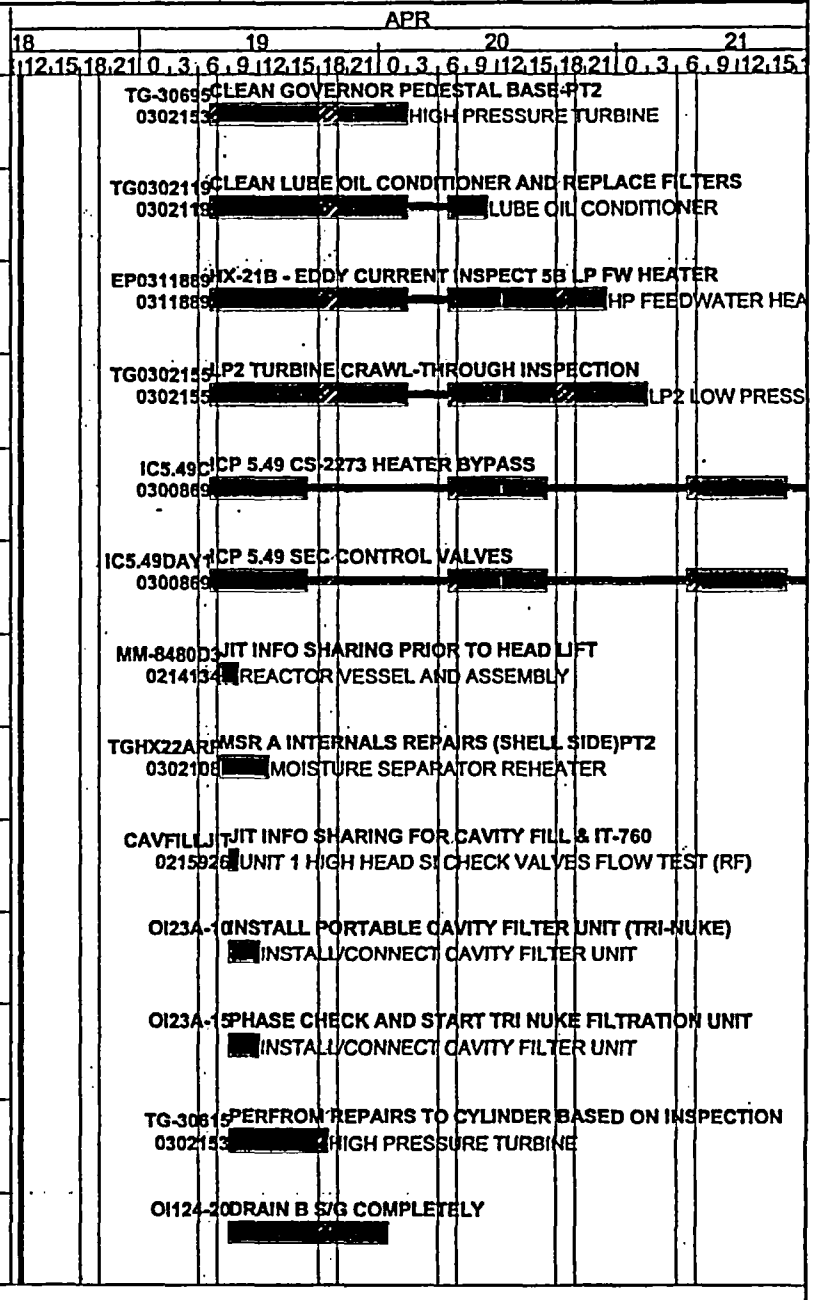
after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	TG-30695	TGG	76	0302153	TG-01-T	CLEAN GOVERNOR PEDESTAL BASE-PT2	20	19APR04 07:00	20APR04 02:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302119	TGG	76	0302119	Z-026	CLEAN LUBE OIL CONDITIONER AND REPLACE FILTERS	24	19APR04 07:00*	20APR04 10:59	DR-Y ML-Y ORT3-Y R-L
1	EP0311889	EPT	76	0311889	HX-021B	HX-21B - EDDY CURRENT INSPECT 5B LP FW HEATER	36	19APR04 07:00	20APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302155	TGG	76	0302155	TG-01-T2	LP2 TURBINE CRAWL-THROUGH INSPECTION	40	19APR04 07:00*	21APR04 02:59	DR-Y ML-Y ORT3-Y R-L
1	IC5.49C	ICV	76	0300869	ICP-05.049	ICP 5.49 CS-2273 HEATER BYPASS	140	19APR04 07:00*	02MAY04 16:59	DR-Y ML-Y ORT3-Y R-L
1	IC5.49DAY1	ICV	76	0300869	ICP-05.049	ICP 5.49 SEC CONTROL VALVES	160	19APR04 07:00*	04MAY04 16:59	DR-Y ML-Y ORT3-Y R-L
1	MM-8480D3	MM1	76	0214134	R-1	JIT INFO SHARING PRIOR TO HEAD LIFT	2	19APR04 08:00	19APR04 09:59	DR-Y ML-Y ORT3-Y R-L
1	TGHX22ARP	TGG	76	0302108	HX-022A	MSR A INTERNALS REPAIRS (SHELL SIDE)PT2	5	19APR04 08:00*	19APR04 12:59	DR-Y ML-Y ORT3-Y R-L
1	CAVFILLJIT	OPS	77	0215926	O-IT-0760	JIT INFO SHARING FOR CAVITY FILL & IT-760	1	19APR04 09:00	19APR04 09:59	DR-Y ML-Y ORT3-N R-L
1	OI23A-10	OPS			OI-23A	INSTALL PORTABLE CAVITY FILTER UNIT (TRI-NUKE)	3	19APR04 09:00	19APR04 11:59	DR-N ML-Y ORT3-N R-L
1	OI23A-15	EM			OI-23A	PHASE CHECK AND START TRI NUKE FILTRATION UNIT	3	19APR04 09:00	19APR04 11:59	DR-Y ML-Y ORT3-N R-L
1	TG-30615	TGG	76	0302153	TG-01-T	PERFROM REPAIRS TO CYLINDER BASED ON INSPECTION	10	19APR04 09:00*	19APR04 18:59	DR-Y ML-Y ORT3-Y R-L
1	OI124-20	OPS			HX-001B	DRAIN B S/G COMPLETELY	16	19APR04 09:00	20APR04 00:59	DR-N ML-N ORT3-N R-L



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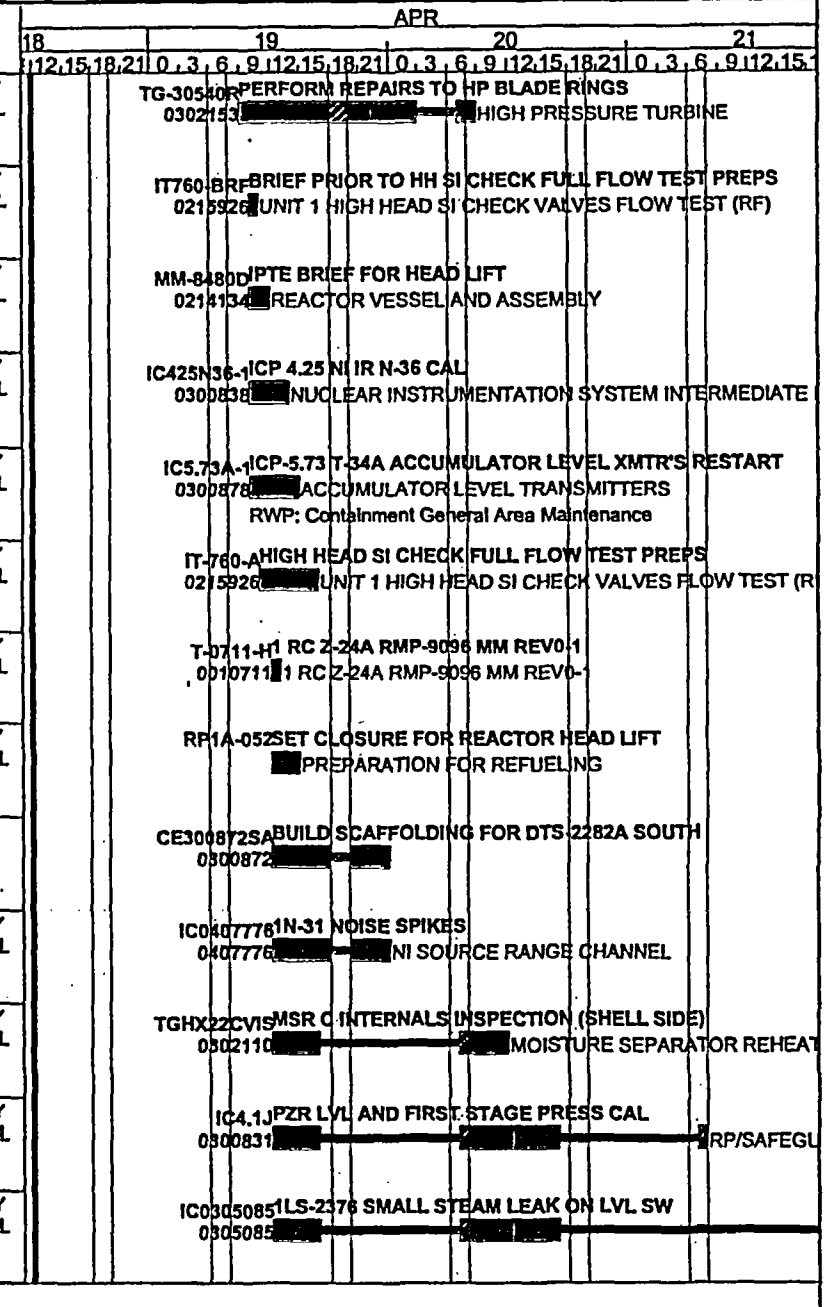
after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	TG-30540R	TGG	76	0302153	TG-01-T	PERFORM REPAIRS TO HP BLADE RINGS	20	19APR04 09:00*	20APR04 08:59	DR-Y ML-Y ORT3-Y R-L
1	IT760-BRF	OPS	77	0215926	O-IT-0760	BRIEF PRIOR TO HH SI CHECK FULL FLOW TEST PREPS	1	19APR04 10:00	19APR04 10:59	DR-Y ML-Y ORT3-N R-L
1	MM-8480D	MM1	76	0214134	R-1	IPTE BRIEF FOR HEAD LIFT	2	19APR04 10:00	19APR04 11:59	DR-Y ML-Y ORT3-Y R-L
1	IC425N36-1	IC5	76	0300838	ICP-04.025	ICP 4.25 NI IR N-36 CAL	4	19APR04 10:00*	19APR04 13:59	DR-Y ML-Y ORT3-N R-L
1	IC5.73A-1	IC1	76	0300878	ICP-05.073	ICP-5.73 T-34A ACCUMULATOR LEVEL XMTR'S RESTART	5	19APR04 10:00*	19APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	IT-760-A	OPS	77	0215926	O-IT-0760	HIGH HEAD SI CHECK FULL FLOW TEST PREPS	6	19APR04 11:00	19APR04 16:59	DR-Y ML-Y ORT3-N R-L
1	T-0711-H	WCC		0010711	Z-024A	1 RC Z-24A RMP-9096 MM REV0-1	1	19APR04 12:00	19APR04 12:59	DR-Y ML-Y ORT3-Y R-L
1	RP1A-052	OPS			O-RP-001A	SET CLOSURE FOR REACTOR HEAD LIFT	3	19APR04 12:00	19APR04 14:59	DR-Y ML-Y ORT3-N R-L
2	CE300872SA	CE4		0300872	ICP-05.052	BUILD SCAFFOLDING FOR DTS-2282A SOUTH	10	19APR04 12:00	19APR04 23:59	
1	IC0407776	IC	75	0407776	N-00031	1N-31 NOISE SPIKES	10	19APR04 12:00*	19APR04 23:59	DR-Y ML-Y ORT3-N R-L
1	TGHX22CVIS	TGG	76	0302110	HX-022C	MSR C INTERNALS INSPECTION (SHELL SIDE)	10	19APR04 12:00	20APR04 11:59	DR-Y ML-Y ORT3-Y R-L
1	IC4.1J	IC1	76	0300831	ICP-04.001	PZR LVL AND FIRST STAGE PRESS CAL	16	19APR04 12:00*	21APR04 07:59	DR-N ML-Y ORT3-N R-L
1	IC0305085	IC1	76	0305085	LS-02376	1LS-2376 SMALL STEAM LEAK ON LVL SW	50	19APR04 12:00	25APR04 11:59	DR-Y ML-Y ORT3-Y R-L



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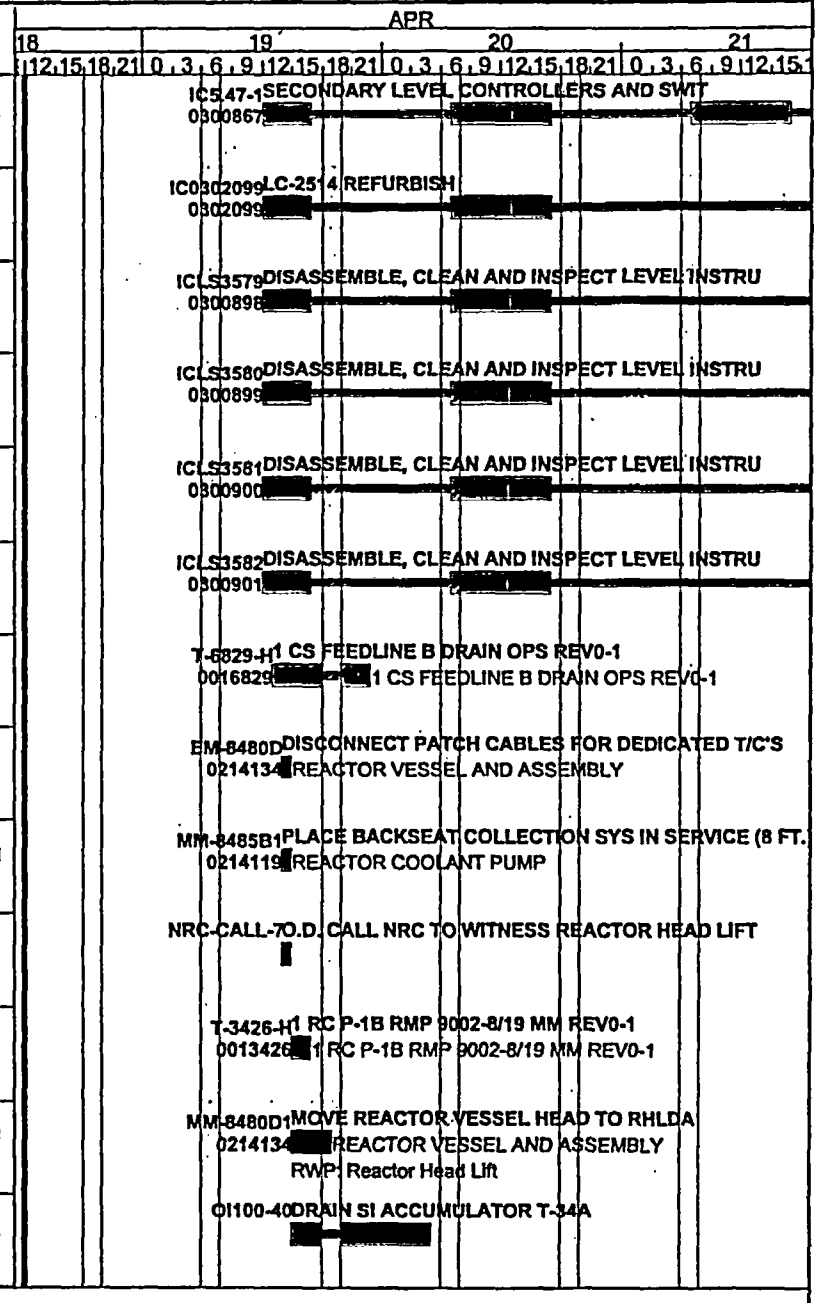
U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	IC5.47-1	IC1	76	0300867	ICP-05.047	SECONDARY LEVEL CONTROLLERS AND SWIT	178	19APR04 12:00*	07MAY04 09:59	DR-Y ML-Y ORT3-Y R-L
1	IC0302099	IC1	76	0302099	LC-02514	LC-2514 REFURBISH	150	19APR04 12:00	07MAY04 11:59	DR-Y ML-Y ORT3-Y R-L
1	ICLS3579	IC1	76	0300898	LS-03579	DISASSEMBLE, CLEAN AND INSPECT LEVEL INSTRU	150	19APR04 12:00	07MAY04 11:59	DR-Y ML-Y ORT3-Y R-L
1	ICLS3580	IC1	76	0300899	LS-03580	DISASSEMBLE, CLEAN AND INSPECT LEVEL INSTRU	150	19APR04 12:00	07MAY04 11:59	DR-Y ML-Y ORT3-Y R-L
1	ICLS3581	IC1	76	0300900	LS-03581	DISASSEMBLE, CLEAN AND INSPECT LEVEL INSTRU	150	19APR04 12:00	07MAY04 11:59	DR-Y ML-Y ORT3-Y R-L
1	ICLS3582	IC1	76	0300901	LS-03582	DISASSEMBLE, CLEAN AND INSPECT LEVEL INSTRU	150	19APR04 12:00	07MAY04 11:59	DR-Y ML-Y ORT3-Y R-L
1	T-6829-H	WCC		0016829	HX-001B	1 CS FEEDLINE B DRAIN OPS REV0-1	8	19APR04 13:00	19APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	EM-8480D	EM	76	0214134	R-1	DISCONNECT PATCH CABLES FOR DEDICATED T/C'S	1	19APR04 14:00	19APR04 14:59	DR-Y ML-Y ORT3-N R-L
1	MM-8485B1	MM3	76	0214119	P-001B	PLACE BACKSEAT COLLECTION SYS IN SERVICE (8 FT.)	1	19APR04 14:00	19APR04 14:59	DR-Y ML-Y ORT3-Y R-M
1	NRC-CALL-7	ADM			ADMIN	O.D. CALL NRC TO WITNESS REACTOR HEAD LIFT	1	19APR04 14:00	19APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	T-3426-H	WCC		0013426	P-001B	1 RC P-1B RMP 9002-8/19 MM REV0-1	2	19APR04 15:00	19APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	MM-8480D1	MM1	76	0214134	R-1	MOVE REACTOR VESSEL HEAD TO RHLDA	4	19APR04 15:00	19APR04 18:59	DR-N ML-N ORT3-Y R-H
1	OI100-40	OPS			T-034A	DRAIN SI ACCUMULATOR T-34A	12	19APR04 15:00	20APR04 04:59	DR-Y ML-Y ORT3-N R-L



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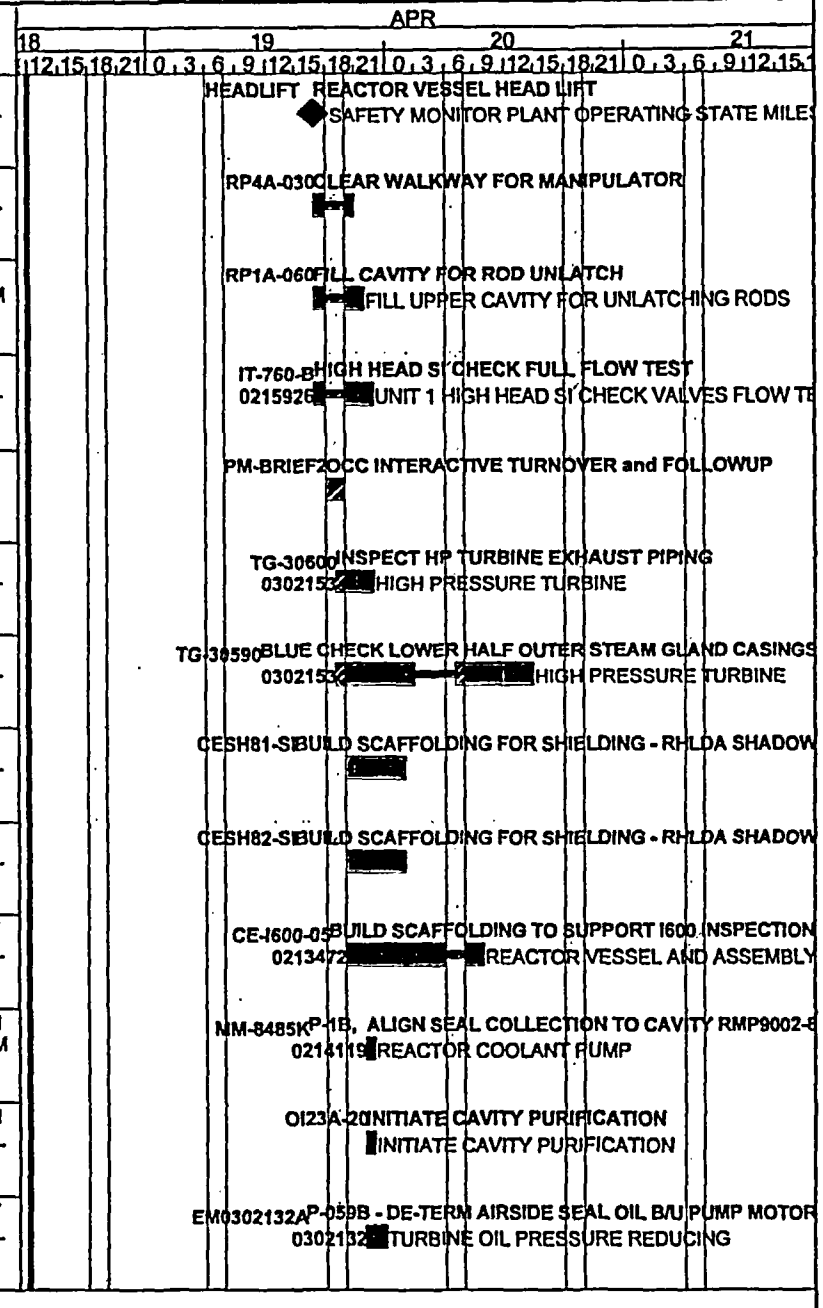
U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	HEADLIFT	PPG			MILESTONE	REACTOR VESSEL HEAD LIFT	0	19APR04 17:00		DR-N ML-N ORT3-N R-L
1	RP4A-030	EM			O-RP-004A	CLEAR WALKWAY FOR MANIPULATOR	2	19APR04 17:00	19APR04 20:59	DR-N ML-N ORT3-N R-L
1	RP1A-060	OPS			O-RP-001A	FILL CAVITY FOR ROD UNLATCH	3	19APR04 17:00	19APR04 21:59	DR-N ML-N ORT3-N R-M
1	IT-760-B	OPS	77	0215926	O-IT-0760	HIGH HEAD SI CHECK FULL FLOW TEST	4	19APR04 17:00	19APR04 22:59	DR-N ML-N ORT3-N R-L
1	PM-BRIEF2	ADM			ADMIN	OCC INTERACTIVE TURNOVER and FOLLOWUP	2	19APR04 18:00*	19APR04 19:59	
1	TG-30600	TGG	76	0302153	TG-01-T	INSPECT HP TURBINE EXHAUST PIPING	4	19APR04 19:00	19APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	TG-30590	TGG	76	0302153	TG-01-T	BLUE CHECK LOWER HALF OUTER STEAM GLAND CASINGS	16	19APR04 19:00*	20APR04 14:59	DR-Y ML-Y ORT3-Y R-L
1	CESH81-SI	CE4			PACKAGE 81	BUILD SCAFFOLDING FOR SHIELDING - RHLDA SHADOW	6	19APR04 20:00*	20APR04 01:59	DR-Y ML-Y ORT3-Y R-L
1	CESH82-SI	CE4			PACKAGE 82	BUILD SCAFFOLDING FOR SHIELDING - RHLDA SHADOW	6	19APR04 20:00	20APR04 01:59	DR-Y ML-Y ORT3-Y R-L
1	CE-I600-05	CE4	76	0213472	R-1	BUILD SCAFFOLDING TO SUPPORT I600 INSPECTION	12	19APR04 20:00	20APR04 09:59	DR-Y ML-Y ORT3-Y R-L
1	MM-8485K	MM3	76	0214119	P-001B	P-1B, ALIGN SEAL COLLECTION TO CAVITY RMP9002-8	1	19APR04 22:00	19APR04 22:59	DR-N ML-N ORT3-N R-M
1	OI23A-20	OPS			OI-23A	INITIATE CAVITY PURIFICATION	1	19APR04 22:00	19APR04 22:59	DR-N ML-N ORT3-N R-L
1	EM0302132A	EM	76	0302132	LO-00291	P-059B - DE-TERM AIRSIDE SEAL OIL B/U PUMP MOTOR	2	19APR04 22:00*	19APR04 23:59	DR-Y ML-Y ORT3-Y R-L



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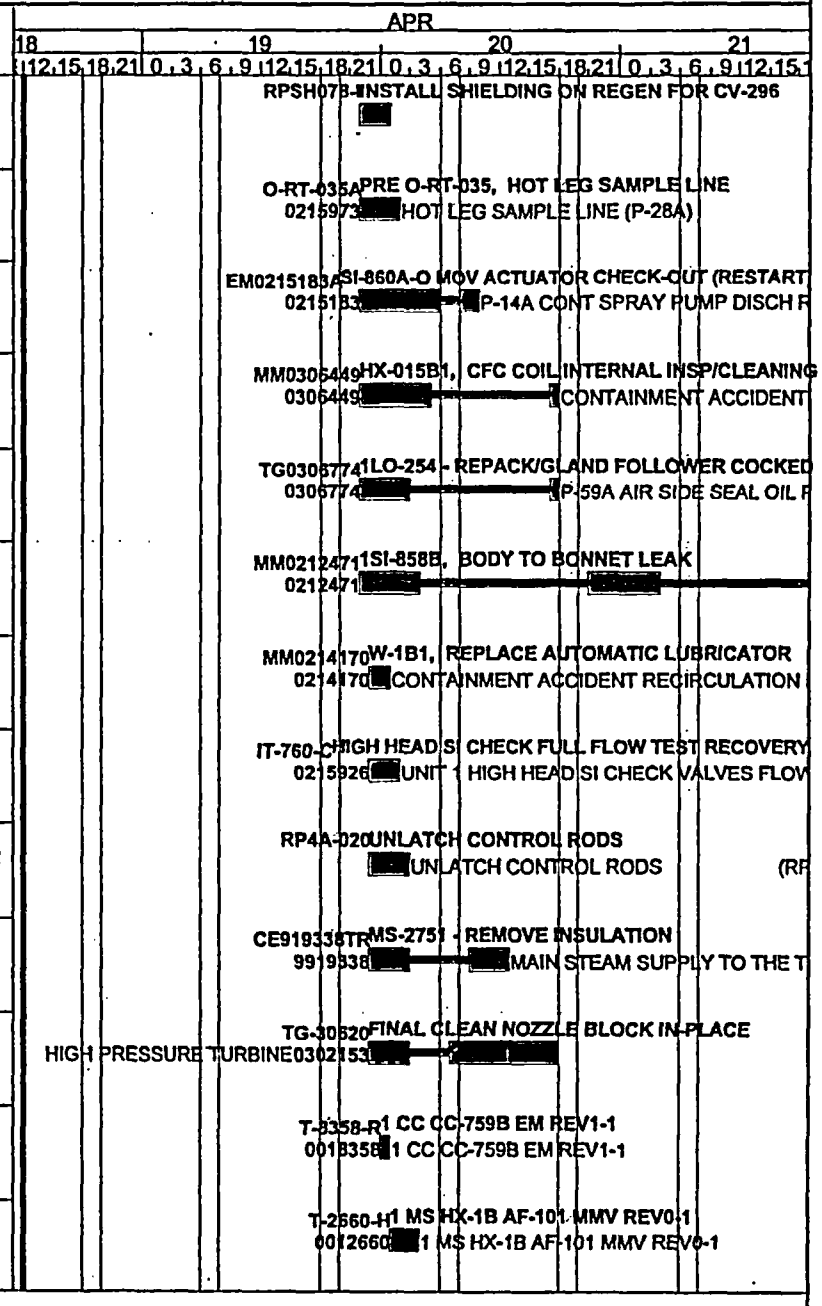
U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	RPSH078-I	RP1			PACKAGE 78	INSTALL SHIELDING ON REGEN FOR CV-296	3	19APR04 22:00*	20APR04 00:59	DR-Y ML-Y ORT3-Y R-L
1	O-RT-035A	OPS	77	0215973	O-RT-035	PRE O-RT-035, HOT LEG SAMPLE LINE	4	19APR04 22:00*	20APR04 01:59	DR-N ML-N ORT3-N R-L
1	EM0215183A	EMV	76	0215183	SI-00860A-	SI-860A-O MOV ACTUATOR CHECK-OUT (RESTART)	10	19APR04 22:00	20APR04 09:59	DR-Y ML-Y ORT3-N R-L
1	MM0306449	MM1	76	0306449	HX-015B1	HX-015B1, CFC COIL INTERNAL INSP/CLEANING	8	19APR04 22:00	20APR04 17:59	DR-N ML-N ORT3-N R-L
1	TG0306774	TGG	76	0306774	LO-00254	1LO-254 - REPACK/GLAND FOLLOWER COCKED	6	19APR04 22:00*	20APR04 17:59	DR-Y ML-Y ORT3-Y R-L
1	MM0212471	MMV	76	0212471	SI-00858B	1SI-858B, BODY TO BONNET LEAK	20	19APR04 22:00*	22APR04 03:59	DR-Y ML-Y ORT3-Y R-L
1	MM0214170	MM1	76	0214170	W-001B1	W-1B1, REPLACE AUTOMATIC LUBRICATOR	2	19APR04 23:00	20APR04 00:59	DR-N ML-N ORT3-N R-L
1	IT-760-C	OPS	77	0215926	O-IT-0760	HIGH HEAD SI CHECK FULL FLOW TEST RECOVERY	3	19APR04 23:00	20APR04 01:59	DR-N ML-N ORT3-N R-L
1	RP4A-020	OPS			O-RP-004A	UNLATCH CONTROL RODS	4	19APR04 23:00	20APR04 02:59	DR-N ML-N ORT3-N R-M
1	CE919338TR	CE4	76	9919338	PIPING EB-	MS-2751 - REMOVE INSULATION	8	19APR04 23:00	20APR04 12:59	DR-Y ML-Y ORT3-Y R-L
1	TG-30620	TGG	76	0302153	TG-01-T	FINAL CLEAN NOZZLE BLOCK IN-PLACE	15	19APR04 23:00	20APR04 17:59	DR-Y ML-Y ORT3-Y R-L
1	T-8358-R	WCC		0018358	CC-759B	1 CC CC-759B EM REV1-1	1	20APR04 00:00	20APR04 00:59	
1	T-2660-H	WCC		0012660	HX-001B	1 MS HX-1B AF-101 MMV REV0-1	3	20APR04 01:00	20APR04 03:59	



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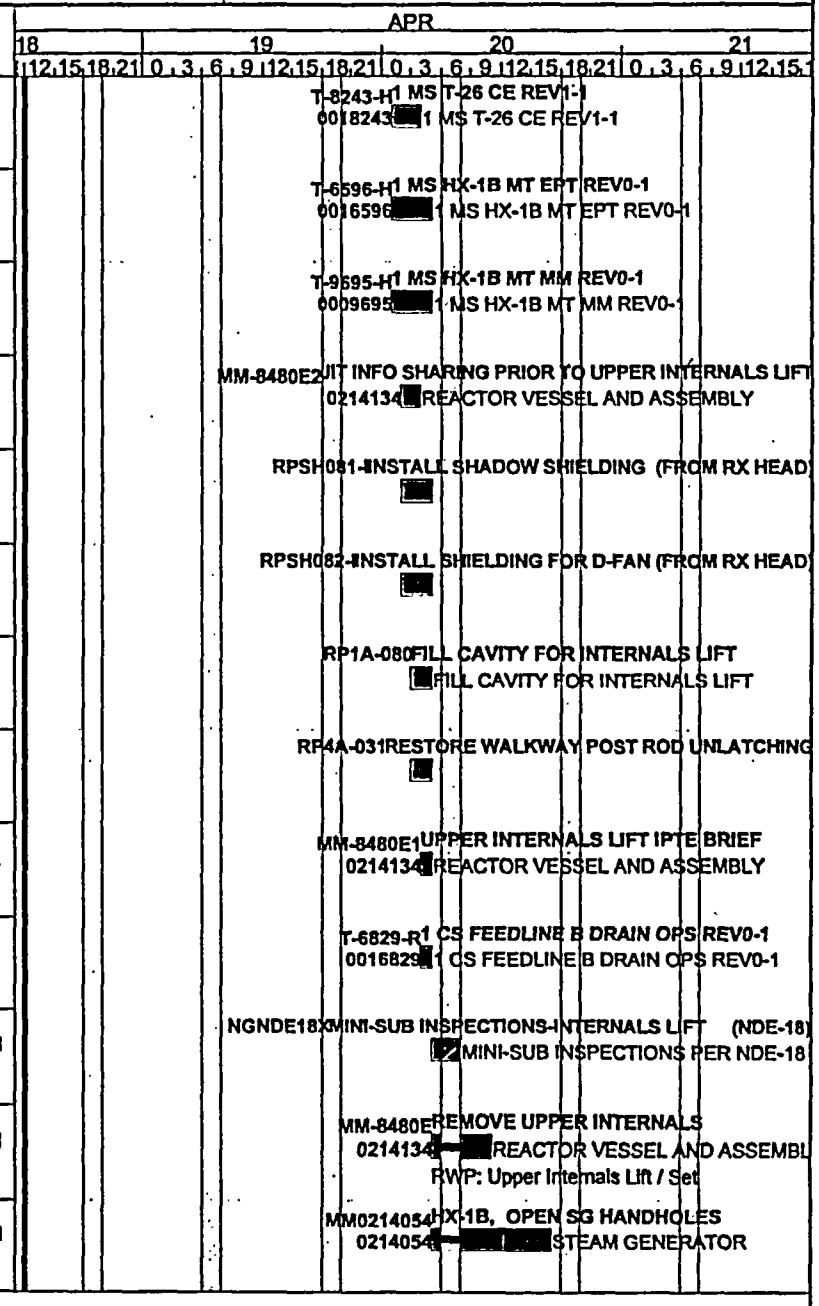
U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	T-8243-H	WCC		0018243	T-26	1 MS T-26 CE REV1-1	3	20APR04 01:00	20APR04 03:59	
1	T-6596-H	WCC		0016596	HX-1B	1 MS HX-1B MT EPT REV0-1	4	20APR04 01:00	20APR04 04:59	
1	T-9695-H	WCC		0009695	HX-001B	1 MS HX-1B MT MM REV0-1	4	20APR04 01:00	20APR04 04:59	
1	MM-8480E2	MM1	76	0214134	R-1	JIT INFO SHARING PRIOR TO UPPER INTERNALS LIFT	2	20APR04 02:00	20APR04 03:59	
1	RPSH081-I	RP1			PACKAGE 81	INSTALL SHADOW SHIELDING (FROM RX HEAD)	3	20APR04 02:00	20APR04 04:59	DR-Y ML-Y ORT3-Y R-L
1	RPSH082-I	RP1			PACKAGE 82	INSTALL SHIELDING FOR D-FAN (FROM RX HEAD)	3	20APR04 02:00	20APR04 04:59	DR-Y ML-Y ORT3-Y R-L
1	RP1A-080	OPS			O-RP-001A	FILL CAVITY FOR INTERNALS LIFT	2	20APR04 03:00	20APR04 04:59	DR-N ML-N ORT3-N R-L
1	RP4A-031	EM			O-RP-004A	RESTORE WALKWAY POST ROD UNLATCHING	2	20APR04 03:00	20APR04 04:59	DR-N ML-N ORT3-N R-L
1	MM-8480E1	MM1	76	0214134	R-1	UPPER INTERNALS LIFT IPTE BRIEF	1	20APR04 04:00	20APR04 04:59	DR-Y ML-Y ORT3-N R-L
1	T-6829-R	WCC		0016829	HX-001B	1 CS FEEDLINE B DRAIN OPS REV0-1	1	20APR04 04:00	20APR04 04:59	
1	NGNDE18X	NDE			NDE-18	MINI-SUB SPECTIONS-INTERNAL LIFT (NDE-18)	3	20APR04 05:00	20APR04 07:59	DR-N ML-N ORT3-N R-M
1	MM-8480E	MM1	76	0214134	R-1	REMOVE UPPER INTERNALS	4	20APR04 05:00	20APR04 10:59	DR-N ML-N ORT3-N R-H
1	MM0214054	MM1	76	0214054	HX-001B	HX-1B, OPEN SG HANDHOLES	10	20APR04 05:00	20APR04 16:59	DR-N ML-N ORT3-N R-M



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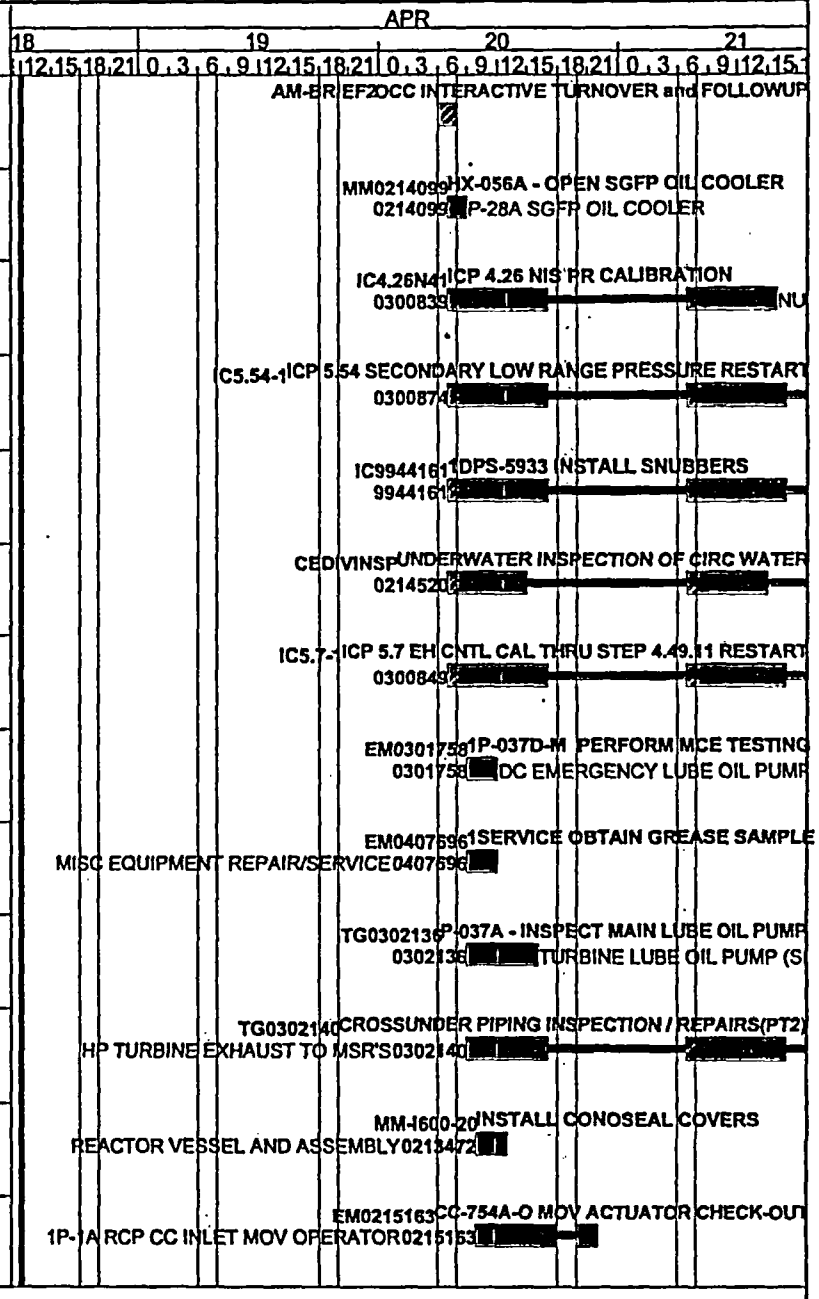
LT-51 PRIORITY PUBLICATION-ES
FL-50 Priority Working Publication

U1R28 WORKING SCHEDULE

after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	AM-BRIEF2	ADM			ADMIN	OCC INTERACTIVE TURNOVER and FOLLOWUP	2	20APR04 06:00*	20APR04 07:59	
1	MM0214099	MM2	76	0214099	HX-056A	HX-056A - OPEN SGFP OIL COOLER	2	20APR04 07:00*	20APR04 08:59	DR-Y ML-Y ORT3-N R-L
1	IC4.26N41	IC1	76	0300839	ICP-04.026	ICP 4.26 NIS PR CALIBRATION	19	20APR04 07:00*	21APR04 15:59	DR-Y ML-Y ORT3-N R-L
1	IC5.54-1	IC5	76	0300874	ICP-05.054	ICP 5.54 SECONDARY LOW RANGE PRESSURE RESTART	70	20APR04 07:00	27APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	IC9944161	IC5	76	9944161	DPS-05933	1DPS-5933 INSTALL SNUBBERS	71	20APR04 07:00	28APR04 07:59	DR-Y ML-Y ORT3-Y R-L
1	CEDIVINSP	CE1	76	0214520	CW	UNDERWATER INSPECTION OF CIRC WATER	50	20APR04 07:00*	28APR04 08:59	DR-Y ML-Y ORT3-N R-L
1	IC5.7-1	IC5	76	0300849	ICP-05.007	ICP 5.7 EH CNTL CAL THRU STEP 4.49.11 RESTART	112	20APR04 07:00*	02MAY04 08:59	DR-Y ML-Y ORT3-Y R-L
1	EM0301758	EM	76	0301758	P-037D-M	1P-037D-M PERFORM MCE TESTING	3	20APR04 09:00	20APR04 11:59	DR-N ML-N ORT3-N R-L
1	EM0407696	EM	77	0407696	SERVICE	1SERVICE OBTAIN GREASE SAMPLE	3	20APR04 09:00	20APR04 11:59	DR-N ML-N ORT3-N R-M
1	TG0302136	TGG	76	0302136	P-037A	P-037A - INSPECT MAIN LUBE OIL PUMP	7	20APR04 09:00	20APR04 15:59	DR-Y ML-Y ORT3-Y R-L
1	TG0302140	TGG	76	0302140	PIPING CRO	CROSSUNDER PIPING INSPECTION / REPAIRS(PT2)	60	20APR04 09:00*	27APR04 08:59	DR-Y ML-Y ORT3-Y R-L
1	MM-I600-20	MM1	76	0213472	R-1	INSTALL CONOSEAL COVERS	3	20APR04 10:00	20APR04 12:59	DR-Y ML-Y ORT3-N R-L
1	EM0215163	EMV	76	0215163	CC-00754A-	CC-754A-O MOV ACTUATOR CHECK-OUT	10	20APR04 10:00	20APR04 21:59	DR-Y ML-Y ORT3-N R-L



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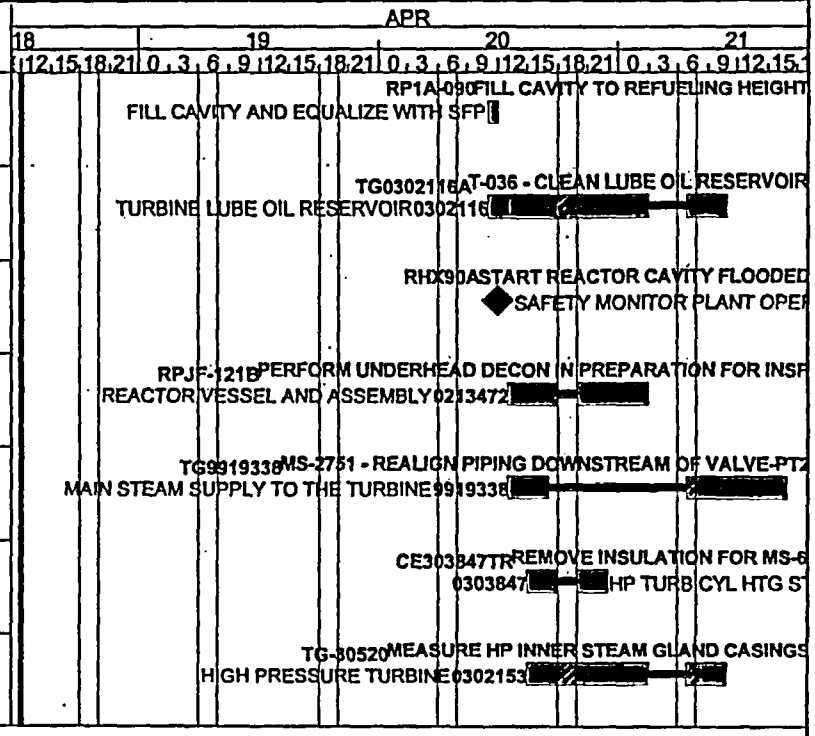
LT-51 PRIORITY PUBLICATION-ES
FL-50 Priority Working Publication

U1R28 WORKING SCHEDULE

after 18APR04 12:00

U	ID	RESP	WO ST	WO	EQID	DESCRIPTION	RD	ES	EF	RISK
1	RP1A-090	OPS			O-RP-001A	FILL CAVITY TO REFUELING HEIGHT	1	20APR04 11:00	20APR04 11:59	DR-N ML-N ORT3-N R-L
1	TG0302116A	TGG	76	0302116	T-036	T-036 - CLEAN LUBE OIL RESERVOIR	20	20APR04 11:00	21APR04 10:59	DR-Y ML-Y ORT3-Y R-L
1	RHX90A	PPG			MILESTONE	START REACTOR CAVITY FLOODED	0	20APR04 12:00		DR-N ML-N ORT3-N R-L
1	RPJF-121B	RP1	76	0213472	R-1	PERFORM UNDERHEAD DECON IN PREPARATION FOR INSP	12	20APR04 13:00	21APR04 02:59	DR-Y ML-Y ORT3-Y R-L
1	TG9919338	TGG	76	9919338	PIPING EB-	MS-2751 - REALIGN PIPING DOWNSTREAM OF VALVE-PT2	14	20APR04 13:00*	21APR04 16:59	DR-Y ML-Y ORT3-Y R-L
1	CE303847TR	CE4	76	0303847	MS-00006	REMOVE INSULATION FOR MS-6	6	20APR04 15:00	20APR04 22:59	DR-Y ML-Y ORT3-Y R-L
1	TG-30520	TGG	76	0302153	TG-01-T	MEASURE HP INNER STEAM GLAND CASINGS	16	20APR04 15:00	21APR04 10:59	DR-Y ML-Y ORT3-Y R-L



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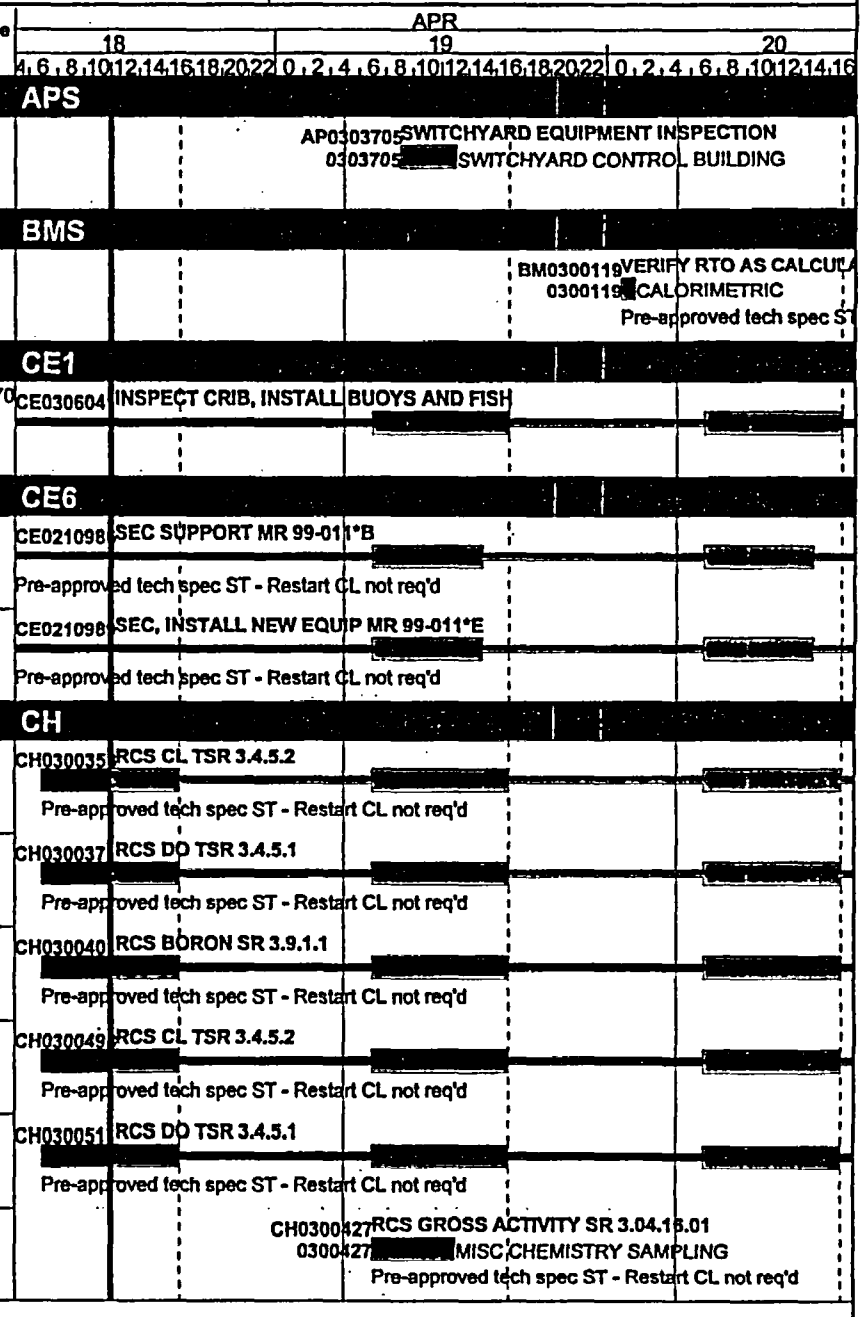
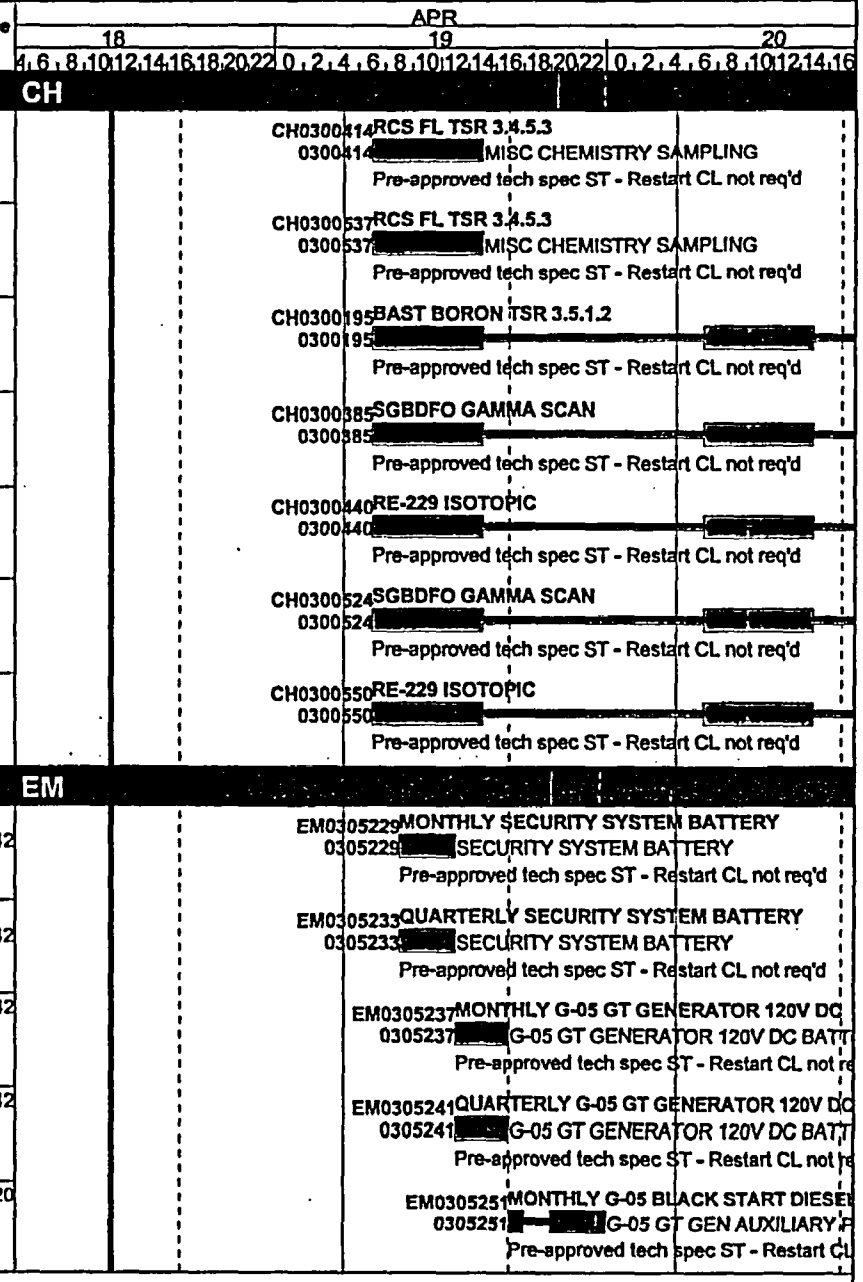
LT-51 PRIORITY PUBLICATION-ES
FL-50 Priority Working Publication

after 18APR04 12:00	WORKWEEK SCHEDULE	thru 20APR04 1700

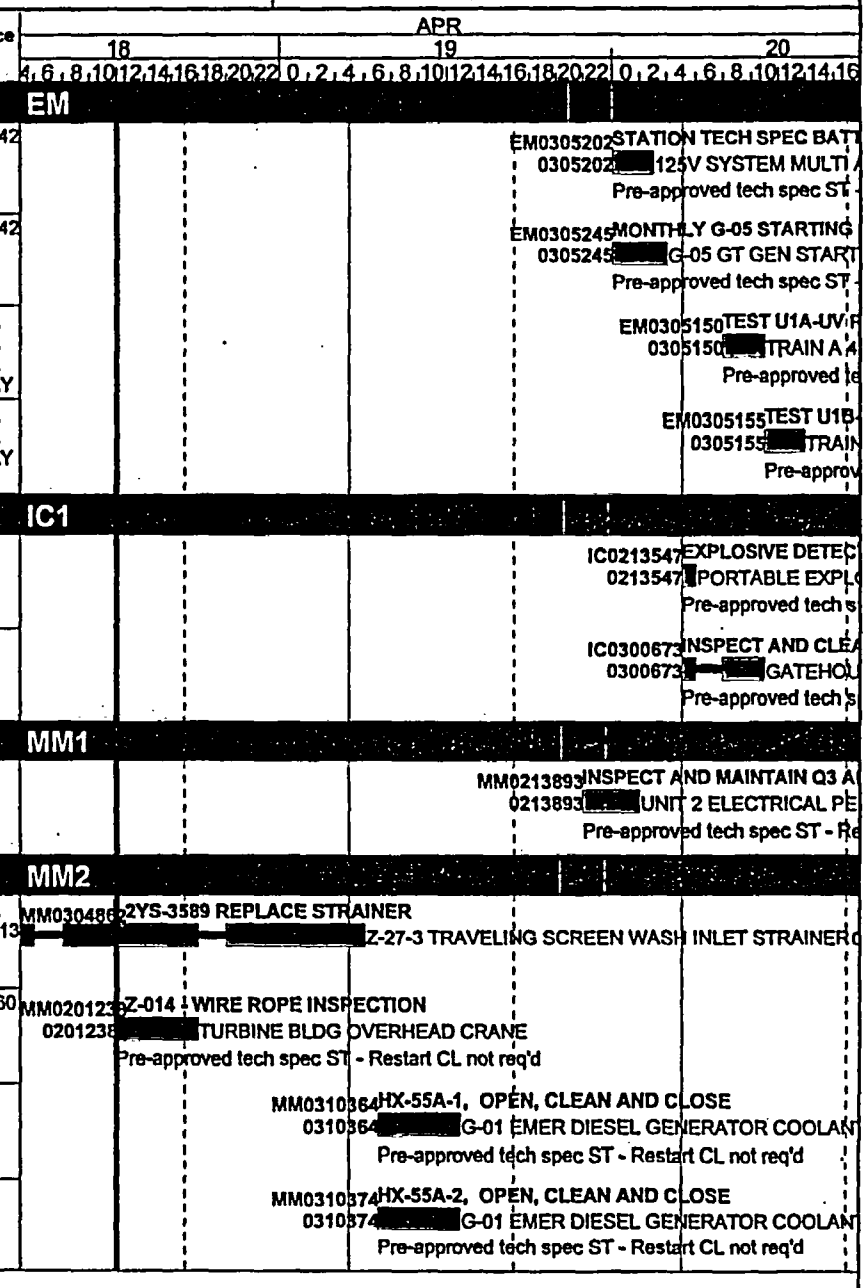
ID	RESP	T Y	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	Resrce ID
APPLETON STATION GROUP										
AP0303705	APS	P	77	SWYD CTL B	SWITCHYARD EQUIPMENT INSPECTION	4	19APR04 09:00*	19APR04 12:59	DR-Y ML-Y ORT3-N R-L	830
BOP MECHANICAL ENGINEERING										
BM0300119	BMS	P	77	RE-PC 46.1	VERIFY RTO AS CALCULATED BY PPCS	1	20APR04 01:00*	20APR04 01:59		
CONSTRUCTION ENG - K. GRASSO										
CE0306041	CE1	P	76	INTAKE CRI	INSPECT CRIB, INSTALL BUOYS AND FISH	110	05APR04 10:00A	30APR04 16:59	DR-Y ML-Y ORT3-Y R-L	406, 470
CONSTRUCTION ENG - S. CARTER										
CE0210986	CE6	M	77	SEC	SEC SUPPORT MR 99-011*B	120	05APR04 07:00A	07MAY04 14:59	DR-N ML-N ORT3-N R-L	926
CE0210989	CE6	M	76	SEC	SEC, INSTALL NEW EQUIP MR 99-011*E	120	05APR04 07:00A	07MAY04 14:59	DR-N ML-N ORT3-N R-L	926
CHEMISTRY										
CH0300358	CH	P	77	CHEM-SAMPL	RCS CL TSR 3.4.5.2	60	18APR04 07:00A	24APR04 11:59	DR-Y ML-Y ORT3-N R-L	
CH0300371	CH	P	77	CHEM-SAMPL	RCS DO TSR 3.4.5.1	60	18APR04 07:00A	24APR04 11:59	DR-Y ML-Y ORT3-N R-L	
CH0300401	CH	P	77	CHEM-SAMPL	RCS BORON SR 3.9.1.1	60	18APR04 07:00A	24APR04 11:59	DR-Y ML-Y ORT3-N R-L	
CH0300498	CH	P	77	CHEM-SAMPL	RCS CL TSR 3.4.5.2	60	18APR04 07:00A	24APR04 11:59	DR-Y ML-Y ORT3-N R-L	
CH0300511	CH	P	77	CHEM-SAMPL	RCS DO TSR 3.4.5.1	60	18APR04 07:00A	24APR04 11:59	DR-Y ML-Y ORT3-N R-L	
CH0300427	CH	P	77	CHEM-SAMPL	RCS GROSS ACTIVITY SR 3.04.16.01	6	19APR04 07:00*	19APR04 12:59	DR-N ML-N ORT3-N R-L	



ID	RESP	T Y	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	Resrce ID
CHEMISTRY										
CH0300414	CH	P	77	CHEM-SAMPL	RCS FL TSR 3.4.5.3	8	19APR04 07:00*	19APR04 14:59	DR-N ML-N ORT3-N R-L	
CH0300537	CH	P	77	CHEM-SAMPL	RCS FL TSR 3.4.5.3	8	19APR04 07:00*	19APR04 14:59	DR-N ML-N ORT3-N R-L	
CH0300195	CH	P	77	CHEM-SAMPL	BAST BORON TSR 3.5.1.2	40	19APR04 07:00*	23APR04 14:59	DR-Y ML-Y ORT3-N R-L	
CH0300385	CH	P	77	CHEM-SAMPL	SGBDFO GAMMA SCAN	40	19APR04 07:00*	23APR04 14:59	DR-Y ML-Y ORT3-N R-L	
CH0300440	CH	P	77	CHEM-SAMPL	RE-229 ISOTOPIC	40	19APR04 07:00*	23APR04 14:59	DR-Y ML-Y ORT3-N R-L	
CH0300524	CH	P	77	CHEM-SAMPL	SGBDFO GAMMA SCAN	40	19APR04 07:00*	23APR04 14:59	DR-Y ML-Y ORT3-N R-L	
CH0300550	CH	P	77	CHEM-SAMPL	RE-229 ISOTOPIC	40	19APR04 07:00*	23APR04 14:59	DR-Y ML-Y ORT3-N R-L	
ELECTRICAL MAINTENANCE										
EM0305229	EM	P	76	D-23	MONTHLY SECURITY SYSTEM BATTERY	4	19APR04 09:00*	19APR04 12:59	DR-N ML-N ORT3-N R-M	160, 420, 442
EM0305233	EM	P	76	D-23	QUARTERLY SECURITY SYSTEM BATTERY	4	19APR04 09:00*	19APR04 12:59	DR-N ML-N ORT3-N R-M	160, 420, 442
EM0305237	EM	P	76	D-501	MONTHLY G-05 GT GENERATOR 120V DC	4	19APR04 13:00*	19APR04 16:59	DR-N ML-N ORT3-N R-M	420, 442
EM0305241	EM	P	76	D-501	QUARTERLY G-05 GT GENERATOR 120V DC	4	19APR04 13:00*	19APR04 16:59	DR-N ML-N ORT3-N R-M	420, 442
EM0305251	EM	P	77	D-503	MONTHLY G-05 BLACK START DIESEL	5	19APR04 17:00	19APR04 23:59	DR-N ML-N ORT3-N R-L	442, 420

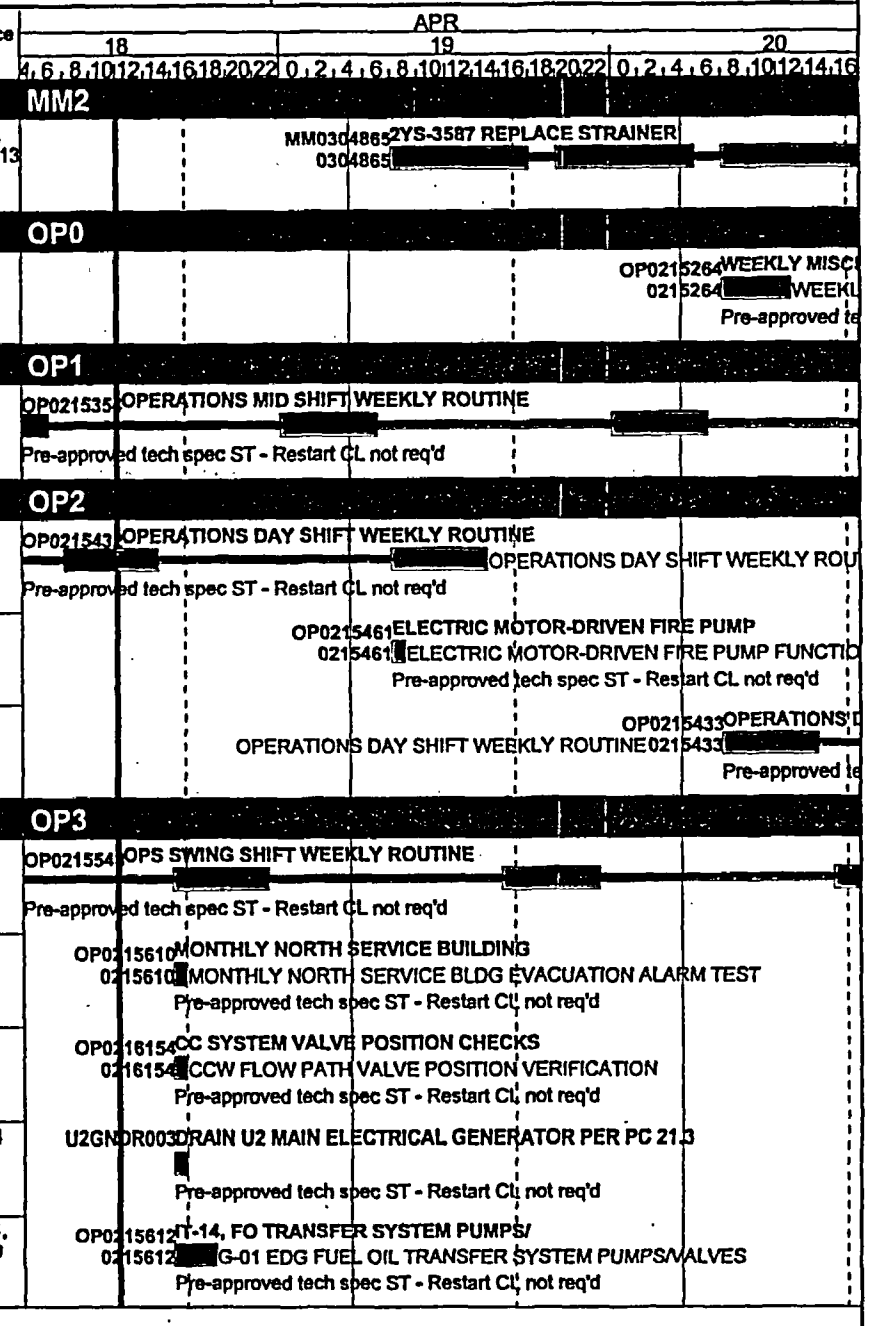


ID	RESP	T Y	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	Resrce ID
ELECTRICAL MAINTENANCE										
EM0305202	EM	P	76	125V	STATION TECH SPEC BATTERIES WEEKLY	3	20APR04 00:00*	20APR04 02:59	DR-N ML-N ORT3-N R-M	420, 442
EM0305245	EM	P	77	D-502	MONTHLY G-05 STARTING BATTERY INSP	4	20APR04 00:00*	20APR04 03:59	DR-N ML-N ORT3-N R-L	420, 442
EM0305150	EM	S	76	U1A-UV REL	TEST U1A-UV RELAYS 1RMP 9071-1 & 9075-1	3	20APR04 08:00*	20APR04 10:59	DR-N ML-N ORT3-N R-M	420, J06, 442, RELAY
EM0305155	EM	S	76	U1B-UV REL	TEST U1B-UV RELAYS 1RMP 9071-2 & 9075-2	3	20APR04 11:00	20APR04 13:59	DR-N ML-N ORT3-N R-M	442, 420, RELAY
I&C - C. RHODEN										
IC0213547	IC1	P	77	Z-107G	EXPLOSIVE DETECTOR CLEANING	1	20APR04 05:00*	20APR04 05:59	DR-Y ML-Y ORT3-Y R-L	330
IC0300673	IC1	P	77	Z-108C	INSPECT AND CLEAN X-RAY MACHINE	4	20APR04 05:00*	20APR04 10:59	DR-N ML-N ORT3-N R-L	330
MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM										
MM0213893	MM1	P	77	ELECT PENE	INSPECT AND MAINTAIN Q3 AND Q58	4	19APR04 22:00*	20APR04 01:59	DR-N ML-N ORT3-N R-L	441
MECHANICAL MAINTENANCE MM2 BONENFANT (BOP)										
MM0304862	MM2	M	76	YS-03589	2YS-3589 REPLACE STRAINER	16	16APR04 22:00A	19APR04 05:59	DR-Y ML-Y ORT3-Y R-L	410, 430, 913
MM0201238	MM2	P	76	Z-014	Z-014 - WIRE ROPE INSPECTION	6	18APR04 12:00*	18APR04 17:59	DR-N ML-N ORT3-N R-L	0009660 441
MM0310364	MM2	P	76	HX-055A-1	HX-55A-1, OPEN, CLEAN AND CLOSE	6	19APR04 07:00*	19APR04 12:59	DR-N ML-N ORT3-N R-L	441
MM0310374	MM2	P	76	HX-055A-2	HX-55A-2, OPEN, CLEAN AND CLOSE	6	19APR04 07:00*	19APR04 12:59	DR-N ML-N ORT3-N R-L	441



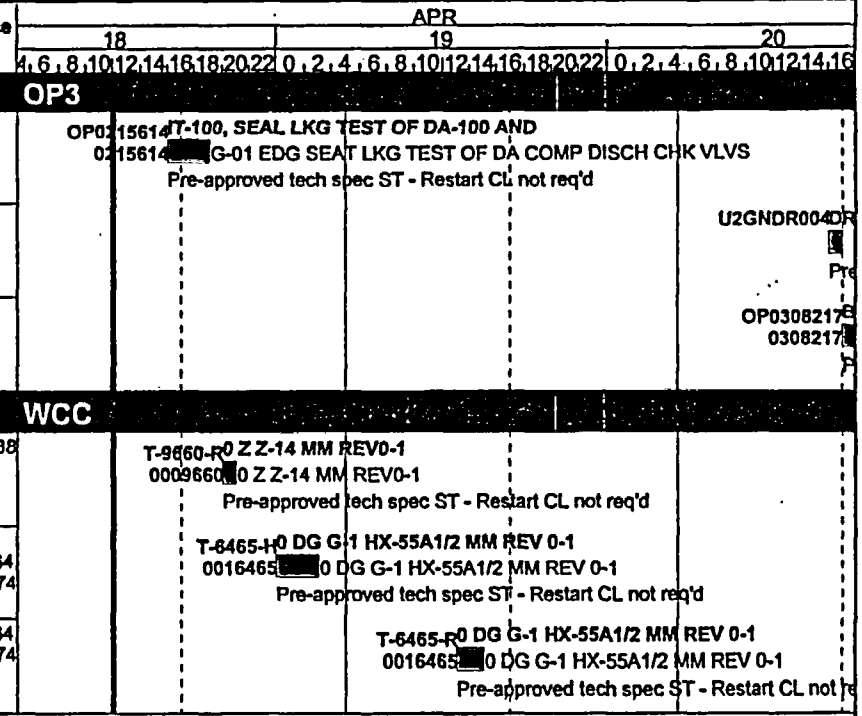
27

ID	RESP	TY	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	Resrce ID
MECHANICAL MAINTENANCE MM2 BONENFANT (BOP)										
MM0304865	MM2	M	75	YS-03587	2YS-3587 REPLACE STRAINER	36	19APR04 08:00	21APR04 01:59	DR-Y ML-Y ORT3-Y R-L	441, 430, 913
OPERATIONS RELIEFS										
OP0215264	OP0	P	77	O-PC-021.4	WEEKLY MISCELLANEOUS DATA READINGS	5	20APR04 08:00*	20APR04 12:59	DR-N ML-N ORT3-N R-L	
OPERATIONS MIDSHIFT										
OP0215354	OP1	P	77	O-PC-MIDS	OPERATIONS MID SHIFT WEEKLY ROUTINE	27	16APR04 00:00A	22APR04 05:59	DR-Y ML-Y ORT3-N R-L	
OPERATIONS DAYSHIFT										
OP0215432	OP2	P	76	O-PC-DAYS	OPERATIONS DAY SHIFT WEEKLY ROUTINE	10	13APR04 08:00A	19APR04 14:59	DR-N ML-N ORT3-N R-L	
OP0215461	OP2	P	77	PT-FP-003	ELECTRIC MOTOR-DRIVEN FIRE PUMP	1	19APR04 08:00*	19APR04 08:59	DR-N ML-N ORT3-N R-L	
OP0215433	OP2	P	77	O-PC-DAYS	OPERATIONS DAY SHIFT WEEKLY ROUTINE	42	20APR04 08:00*	25APR04 14:59	DR-Y ML-Y ORT3-N R-L	
OPERATIONS SWINGSHIFT										
OP0215548	OP3	P	77	O-PC-SWING	OPS SWING SHIFT WEEKLY ROUTINE	27	14APR04 16:00A	21APR04 21:59	DR-N ML-N ORT3-N R-L	
OP0215610	OP3	P	77	O-PC-078.3	MONTHLY NORTH SERVICE BUILDING	1	18APR04 16:00*	18APR04 16:59	DR-N ML-N ORT3-N R-L	
OP0216154	OP3	P	77	TS-CCW-001	CC SYSTEM VALVE POSITION CHECKS	1	18APR04 16:00*	18APR04 16:59	DR-N ML-N ORT3-N R-L	
U2GNDR003	OP3			O-PC-021.3	DRAIN U2 MAIN ELECTRICAL GENERATOR PER PC 21.3	1	18APR04 16:00	18APR04 16:59	DR-Y ML-Y ORT3-Y R-L	524
OP0215612	OP3	P	77	O-IT-0014.	IT-14, FO TRANSFER SYSTEM PUMPS/	3	18APR04 16:00*	18APR04 18:59	DR-N ML-N ORT3-N R-M	K04, 530



WORKWEEK SCHEDULE

ID	RESP	TY	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	Resrce ID
OPERATIONS SWINGSHIFT										
OP0215614	OP3	P	77	O-IT-0100.	IT-100, SEAL LKG TEST OF DA-100 AND	3	18APR04 16:00*	18APR04 18:59	DR-N ML-N ORT3-N R-L	
U2GNDR004	OP3			O-PC-021.3	DRAIN U2 MAIN ELECTRICAL GENERATOR PER PC 21.3	1	20APR04 16:00	20APR04 16:59	DR-Y ML-Y ORT3-Y R-L	524
OP0308217	OP3	S	77	O-PC-045.1	BLOW DOWN INSTRUMENT AIR SYSTEM	1	20APR04 17:00*	20APR04 17:59	DR-N ML-N ORT3-N R-L	528
WORK CONTROL CENTER										
T-9660-R	WCC	T		Z-14	0 Z Z-14 MM REV0-1	1	18APR04 20:00	18APR04 20:59	DR-Y ML-Y ORT3-Y R-L	0201238
T-6465-H	WCC	T		G-01	0 DG G-1 HX-55A1/2 MM REV 0-1	3	19APR04 00:00*	19APR04 02:59		530, 0310364 0310374
T-6465-R	WCC	T		G-01	0 DG G-1 HX-55A1/2 MM REV 0-1	2	19APR04 13:00	19APR04 14:59		0310364 0310374



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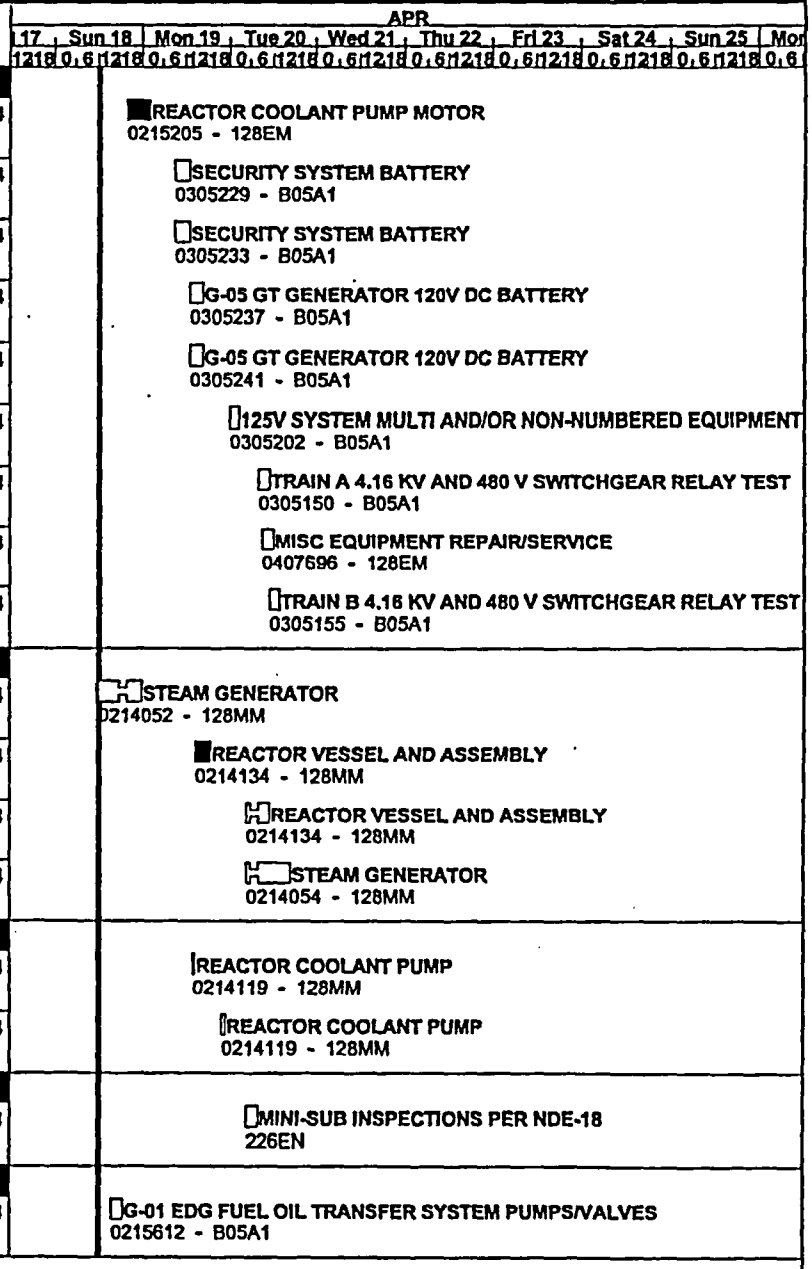
LT-52 WORKWEEK ACTIVITIES DURING U1R28
FL-52 Workweek Activities during U1R28

Run Date 18APR04 13:30

Work Activity Risk Assignment

U	ACT ID	WO ST	GRP	HPE RISK	EQUIPMENT	Activity Description	Cal ID	DUR	START	FINISH
ELECTRICAL MAINTENANCE										
1	EZMRCP-K	76	EM	DR-Y ML-Y ORT3-N R-H	P-001B-M	P1B MOVE MOTOR FROM PUMP TO STAND	1	6	18APR04 20:00	19APR04 01:59
0	EM0305229	76	EM	DR-N ML-N ORT3-N R-M	D-23	MONTHLY SECURITY SYSTEM BATTERY	U	4	19APR04 09:00*	19APR04 12:59
0	EM0305233	76	EM	DR-N ML-N ORT3-N R-M	D-23	QUARTERLY SECURITY SYSTEM BATTERY	U	4	19APR04 09:00*	19APR04 12:59
0	EM0305237	76	EM	DR-N ML-N ORT3-N R-M	D-501	MONTHLY G-05 GT GENERATOR 120V DC	U	4	19APR04 13:00*	19APR04 16:59
0	EM0305241	76	EM	DR-N ML-N ORT3-N R-M	D-501	QUARTERLY G-05 GT GENERATOR 120V DC	U	4	19APR04 13:00*	19APR04 16:59
0	EM0305202	76	EM	DR-N ML-N ORT3-N R-M	125V	STATION TECH SPEC BATTERIES WEEKLY	U	3	20APR04 00:00*	20APR04 02:59
1	EM0305150	76	EM	DR-N ML-N ORT3-N R-M	U1A-UV RELAYS	TEST U1A-UV RELAYS 1RMP 9071-1 & 9075-1	U	3	20APR04 08:00*	20APR04 10:59
1	EM0407696	77	EM	DR-N ML-N ORT3-N R-M	SERVICE	1SERVICE OBTAIN GREASE SAMPLE	8	3	20APR04 09:00	20APR04 11:59
1	EM0305155	76	EM	DR-N ML-N ORT3-N R-M	U1B-UV RELAYS	TEST U1B-UV RELAYS 1RMP 9071-2 & 9075-2	U	3	20APR04 11:00	20APR04 13:59
MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM										
1	MM0214052	76	MM1	DR-N ML-N ORT3-N R-M	HX-001A	HX-1A, OPEN SG HANDHOLES	U	10	18APR04 12:00*	18APR04 23:59
1	MM-8480D1	76	MM1	DR-N ML-N ORT3-Y R-H	R-1	MOVE REACTOR VESSEL HEAD TO RHLDA	1	4	19APR04 15:00	19APR04 18:59
1	MM-8480E	76	MM1	DR-N ML-N ORT3-N R-H	R-1	REMOVE UPPER INTERNALS	U	4	20APR04 05:00	20APR04 10:59
1	MM0214054	76	MM1	DR-N ML-N ORT3-N R-M	HX-001B	HX-1B, OPEN SG HANDHOLES	U	10	20APR04 05:00	20APR04 16:59
MECHANICAL MAINTENANCE- RIDINGS/BRITT (RCP "B")										
1	MM-8485B1	76	MM3	DR-Y ML-Y ORT3-Y R-M	P-001B	PLACE BACKSEAT COLLECTION SYS IN	U	1	19APR04 14:00	19APR04 14:59
1	MM-8485K	76	MM3	DR-N ML-N ORT3-N R-M	P-001B	P-1B, ALIGN SEAL COLLECTION TO CAVITY	U	1	19APR04 22:00	22:59
NON-DESTRUCTIVE TESTING										
1	NGNDE18X		NDE	DR-N ML-N ORT3-N R-M	NDE-18	MINI-SUB INSPECTIONS-INTERNALS	1	3	20APR04 05:00	20APR04 07:59
OPERATIONS SWINGSHIFT										
0	OP0215612	77	OP3	DR-N ML-N ORT3-N R-M	O-IT-0014.1	IT-14, FO TRANSFER SYSTEM PUMPS/.	3	3	18APR04 16:00*	18APR04 18:59



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

Work Activity Risk Assignment

U	ACT ID	WO ST	GRP	HPE RISK	EQUIPMENT	Activity Description	Cal ID	DUR	START	FINISH
OPERATIONS										
1	RP1A-060		OPS	DR-N ML-N ORT3-N R-M	O-RP-001A	FILL CAVITY FOR ROD UNLATCH	U	3	19APR04 17:00	19APR04 21:59
1	RP4A-020		OPS	DR-N ML-N ORT3-N R-M	O-RP-004A	UNLATCH CONTROL RODS	U	4	19APR04 23:00	20APR04 02:59

APR: 17 | Sun 18 | Mon 19 | Tue 20 | Wed 21 | Thu 22 | Fri 23 | Sat 24 | Sun 25 | Mon

12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6 12 18 0 6

FILL UPPER CAVITY FOR UNLATCHING RODS (RP-1A)
128OP

UNLATCH CONTROL RODS (RP-4A)
128OP

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