



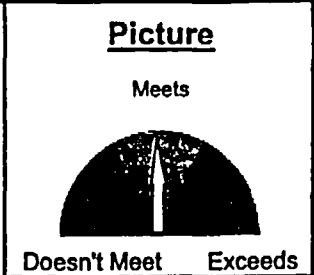
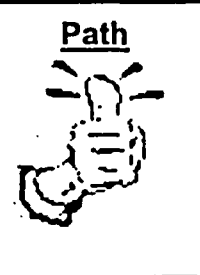
## Point Beach Nuclear Plant U1R28 Refueling Outage

<b>Safety Topics for week of April 25-May 1</b>
<b>Theme for the week</b>
This week's theme is <b>Teamwork &amp; Attitude</b> . Good teamwork and attitude will help us complete this outage successfully!
<b>Daily Safety Snippets</b>
<b>Sunday</b>
<b>"Sure safety can get old, but so do safe workers"</b> A part of having a good safety attitude is never letting your guard down. Even when you are just walking around the plant, an injury is just a door slam away.
<b>Monday</b>
<b>"When we're all on the same team problems aren't as big as they seem"</b> Is your job going to be delayed by 30 minutes? Who are you going to call for help? The OCC. They can help you solve issues.
<b>Tuesday</b>
<b>"Surprises belong at birthday parties not in the shop."</b> OE17571 Braidwood It was discovered that shop personnel were grinding aluminum stock on the shop bench grinder. What's wrong with that? Aluminum flakes can adhere to the wheel, causing it to become unbalanced. Also the flakes thermally expand faster than the rest of the wheel. The potential result? A wheel fracture and that is a surprise you don't need!
<b>Wednesday</b>
<b>"Teamwork by all, helps make accident rates fall"</b> Over the last few weeks we have added many new team members to our staff. It is each of our responsibility's to coach them on the way we do business around here... SAFELY! Nothing can stop the entire organization faster than a serious injury.
<b>Thursday</b>
<b>"No matter what the season, covers are in place for a reason."</b> Do you know why quartz halogen lights have glass covers? The temperatures reached by the portable halogen floodlights may exceed 1000F. OE17708 1/6/04 Plant Hatch declared an unusual event as the result of a small fire. The fire started by hot fragments of glass blown from a halogen lamp. The cover was not in place and the resulting fragments started the fire.
<b>Friday</b>
<b>"Use your head and stay alert, it keeps you from getting hurt"</b> OE17764 Limerick On 2/3/04 an electrician received a shock on a GFCI protected line. Why did this happen? The worker failed to ensure GFCI reset properly after testing. Do you check your GFCI prior to use to make sure it is working right?
<b>Saturday</b>
<b>"Safety is a six letter word but a seven day job"</b> Remember to not let your guard down as you leave work for the day. Last week there were numerous AR s on inappropriate driving in the parking lot. Watch out for your coworker.



# Point Beach Nuclear Plant Outage 1R28

DAY 25



## Supporting Operational Excellence

## Outage Radiation Performance

### Definition/Goal

### Analysis and Actions

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.

Day 25 - April 28  
 Actual = 2.376  
 Cumulative = 44.450  
 Cumulative Forecast = 45.988

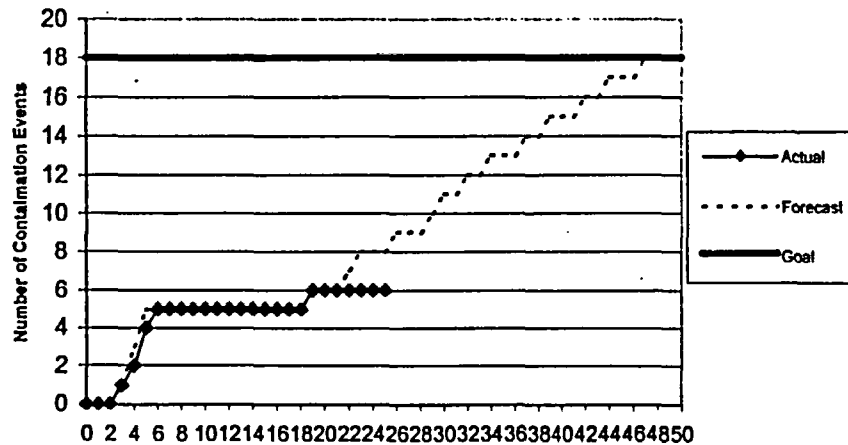
Daily dose and PCE goals reforecasted on 4/23.

Meets:	<=75 Rem	Actual Cum.	
Exceeds:	<=71 Rem	Dose:	44.45 Rem
Meets:	<= 18	Exceeds:	<= 12
		Actual PCE's:	6

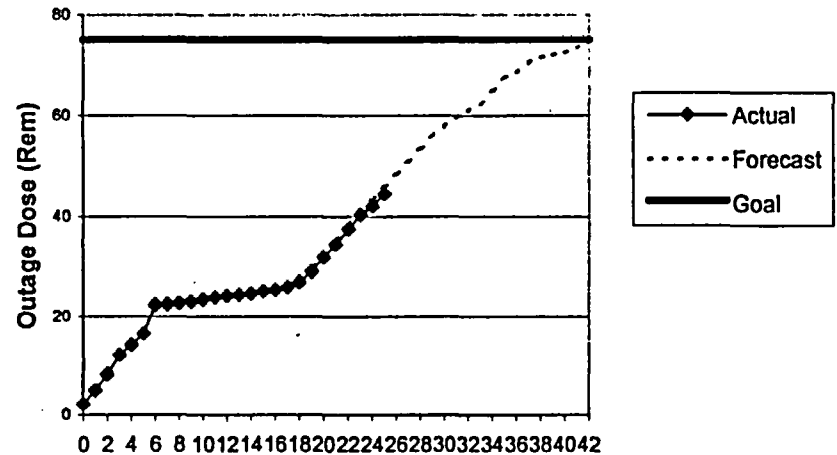
### Responsible Manager/Owner

Stu Thomas

Personnel Contamination Events



Cummulative Dose Exposure



# Outage Status Report

Plant: Point Beach Unit 1 Day: Thursday Today's Date / Time: 4/29/04 1600

Outage Duration: Day 26 Of Refueling Outage Number U1R28

**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:

**Radiological**

Dose to date 44.450 Projected to date \* 45.988 Outage Goal ≤75 R  
Difference -1.538 Number of PCEs 6

Summary: \* Reforecast on 4/23

**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: 77 Pressure: Vented to Atmosphere RV Level: Refueling Height  
Time to Boil: 26.0 hours

**Shutdown Safety Assessment Protected Equipment:**

E4

**Major Activities Completed in Last 24 Hours**

- Fuel Motion at Step 292 of 464 @ 1600 4/29/04
- 1B S/G Placed in Wet Lay-up

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

- Continue Fuel Motion
- A and B S/G Eddy Current Analysis
- Continue Reactor Vessel Head Inspection
- B RCP Motor Work
- Remove 1X04 Low Voltage Station Transformer from Service

**Significant Outstanding Issues**

Date	Issue	Due	Responsibility
4/03/04	Repair Blowdown Tank Leakage	4/30/04	Scott Manthei
4/04/04	1P2A Charging Pump Troubleshooting	4/30/04	Clay Hill
4/25/04	B RCP Motor Oil	5/10/04	Rick Repshas

**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	RCS Fill & Vent	4/23/04	1500		
Head Lift	4/09/04	0900	4/21/04	1550	Heatup >200°	4/25/04	0900		
Refueled	4/14/04	0300			Reactor Critical	4/28/04	0800		
RV Headset	4/18/04	1900			On-Line	4/30/04	0100		

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

OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: April 29, 2004

TIME: 1400

KEY SAFETY FUNCTIONS:

REACTIVITY: YELLOW

CORE COOLING: YELLOW

POWER AVAILABLE: GREEN

INVENTORY: GREEN

CONTAINMENT: YELLOW

SFP COOLING: GREEN

PROTECTED EQUIPMENT:

COMMENTS:

RCS Time to Boil is 26.0 hours

SFP Time to Boil is 19.5 hours (full core off-load is assumed)

Fire Protection Condition IV: Credit is taken for fire rounds as fire prevention contingency

ex4

# Defined Critical Path

U	ID	DESCRIPTION	OD	RD	Cal	U	SYS	EQID	TF	APR							MAY																
										29							30																
										4	6	8	10	12	14	16	18	20	22	0	2	4	6	8	10	12	14	16	18	20	22	0	2
<b>25APR04 00:00</b>											<b>25APR04 00:00</b>																						
1	RP1C-030	FUEL MOTION AND INSERT SHUFFLE	96	29	1	1	FH	O-RP-001C	0	RP1C-030 FUEL MOTION AND INSERT SHUFFLE . 30APR04 23:59 25APR04 08:00A																							
<b>01MAY04 00:00</b>											<b>01MAY04 00:00</b>																						
1	T-6929-H	1 125V IWP 00-037-02 EM REV0-1	1	1	1	1	125V	D72-16-08	0	T-6929-H 1 125V IWP 00-037-02 EM REV0-1 01MAY04 00:00 0016929 - 01MAY04 00:59																							
0	EM0306110A	IWP-037-02 REPL MOBS 1MOB-009 - 019	16	16	1	0	125V	D72-16-08	0	EM0306110A IWP-037-02 REPL MOBS 1MOB-009 - 019 01MAY04 01:00 0306110 - 01MAY04 01:00																							
1	T-6929-R	1 125V IWP 00-037-02 EM REV0-1	1	1	1	1	125V	D72-16-08	0	T-6929-R 1 125V IWP 01MAY04 17:00 0016929 -																							

08

after 29APR04 12:00

# U1R28 WORKING SCHEDULE

after 29APR04 12:00

#	U	ID	RESP	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	MF	APR			MAY					
												Thu 29			Fri 30			Sat 1		
												8,10,12,14,16,18,20,22	0,2,4,6,8,10,12,14,16,18,20,22	0,2,4,6,8,10,12,14,16,1						
<b>ADMINISTRATIVE SERVICES</b>												<b>ADM</b>								
1	1	NRC-CALL-9	ADM		MILESTONE	O.D. CALL NRC TO WITNESS CORE MAPPING	1	30APR04 21:00	30APR04 21:59	DR-Y ML-Y ORT3-Y R-N	0						NRC-CALL-9 O.D. CALL NRC TO WITNESS CORE			
<b>APPLETON METERING GROUP</b>												<b>APM</b>								
2	1	AP0215130	APM	76	X-02	INSPECT CAL AND SET X-02	5	29APR04 08:00A	29APR04 16:59	DR-N ML-N ORT3-N R-N	116	AP0215130	INSPECT CAL AND SET X-02				UNIT AUXILIARY TRANSFORMER 0215130			
3	1	AP0216645	APM	76	E-02	1E-02 ASSIST EM WITH MEL CHECK-OUT	8	29APR04 15:00*	29APR04 23:59	DR-N ML-N ORT3-N R-N	88	AP0216645	1E-02 ASSIST EM WITH MEL CHECK-OUT				TG-01 TG VOLTAGE REGULATOR/EXCITATION EQUIPMENT			
<b>APPLETON RELAY GROUP</b>												<b>APR</b>								
4	1	AP0306103	APR	76	102-1/TG-0	APR RETEST (102-1/TG01 REPLACE PROT RELAYS)	35	28APR04 19:00A	03MAY04 10:59	DR-N ML-N ORT3-N R-N	0	AP0306103	APR RETEST (102-1/TG01 REPLACE PROT RELAYS)							
5	1	AP0306104	APR	76	102-2/TG-0	APR RETEST (102-2/TG-01 R&R GEN PROT RELAYS) PT1	35	28APR04 19:00A	03MAY04 10:59	DR-N ML-N ORT3-N R-N	0	AP0306104	APR RETEST (102-2/TG-01 R&R GEN PROT RELAYS) PT1							
6	1	AP0215115	APR	76	A-01	CAL 1A-01 NON-TECH SPEC RCP RELAYS	9	30APR04 08:00*	30APR04 16:59	DR-N ML-N ORT3-N R-N	0	AP0215115	CAL 1A-01 NON-TECH SPEC RCP RELAYS				4.16 KV BUS SWITCHGEAR			
7	1	AP0215117	APR	76	A-01	1A-01 CALIBRATE TECH. SPEC RELAYS	30	01MAY04 08:00	04MAY04 10:59	DR-N ML-N ORT3-N R-N	0	AP0215117	1A-01 CALIBRATE TECH. SPEC RELAYS							
8	1	AP0215120	APR	76	B-03	1B-03 CALIBRATE TECH. SPEC RELAYS	8	01MAY04 14:00*	02MAY04 12:59	DR-N ML-N ORT3-N R-N	11	AP0215120	1B-03 CALIBRATE TECH. SPEC RELAYS							
<b>APPLETON STATION GROUP</b>												<b>APS</b>								
9	0	L121OOS2	APS		F52-121	LINE 121 OUT OF SERVICE "SECOND TIME"	56*	26APR04 06:00A	01MAY04 19:59	DR-N ML-N ORT3-N R-N	0	L121OOS2	LINE 121 OUT OF SERVICE "SECOND TIME"							
10	0	L121APS	APS		F52-121	APS INSTALL LINE 121 STRUCTURES	51	26APR04 08:00A	01MAY04 14:59	DR-N ML-N ORT3-N R-N	0	L121APS	APS INSTALL LINE 121 STRUCTURES							
11	1	AP0400600	APS	76	X-04	1X-4 REMOVE SEALING MATERIAL	3	30APR04 08:00*	30APR04 10:59	DR-Y ML-Y ORT3-N R-N	21	AP0400600	1X-4 REMOVE SEALING MATERIAL				LOW VOLTAGE STATION AUXILIARY TRANSFORMER			
12	1	AP0305025A	APS	76	X-04	PERFORM CABLE DETERM	5	01MAY04 08:00	01MAY04 12:59	DR-N ML-N ORT3-N R-N	0	AP0305025A	PERFORM CABLE DETERM				LOW VOL			
13	1	AP0400838	APS	76	X-04	1X-04 OIL SEEPAGE (CONTINGENCY W/O)	6	01MAY04 08:00	01MAY04 13:59	DR-N ML-N ORT3-N R-N	10	AP0400838	1X-04 OIL SEEPAGE (CONTINGENCY W/O)				LOW VO			
14	1	AP0305025	APS	76	X-04	PERFORM DOBLE TEST	5	01MAY04 13:00	02MAY04 08:59	DR-N ML-N ORT3-N R-N	0	AP0305025	PERFORM DOBLE TEST							
15	0	L121SI2	APS		F52-121	SWITCHING LINE 121 IN "PBNP YARD"	4	01MAY04 15:00	01MAY04 19:59	DR-N ML-N ORT3-N R-N	460	L121SI2	SWITCHING LINE 121 IN "PBNP YARD"				SWITC			
<b>BOP MECHANICAL ENGINEERING</b>												<b>BMS</b>								
16	1	BM0307273	BMS	70	SC-1A	SC-1A - INSPECT CONDENSER WATERBOXES	4	01MAY04 12:00	01MAY04 15:59	DR-Y ML-Y ORT3-Y R-N	3	BM0307273	SC-1A - INSPECT CONDENSER WATERBOXES				CON			











after 29APR04 12:00

# U1R28 WORKING SCHEDULE

after 29APR04 12:00

#	U	ID	RESP	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	MF	APR							MAY																				
												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
<b>CONSTRUCTION ENG - L GAUTHIER</b>												<b>CEB</b>																											
88	1	CE-1600-22	CEB	76	R-1	PERFORM UNDERHEAD INSPECTION OF RX HEAD	23	23APR04 22:00A	30APR04 12:59	DR-Y ML-Y ORT3-Y R-M	0	CE-1600-22 PERFORM UNDERHEAD INSPECTION OF RX HEAD REACTOR VESSEL AND ASSEMBLY 0213472																											
89	1	CE-1600-8	CEB	76	R-1	REMOVE FRAMATOME UNDERHEAD INSPECTION	4	01MAY04 16:00	01MAY04 20:59	DR-Y ML-Y ORT3-Y R-N	0	CE-1600-8 REM 0213472																											
<b>CHEMISTRY</b>												<b>CH</b>																											
90	1	CH0300359	CH	77	CHEM-SAMPL	RCS CL TSR 3.4.5.2	22	25APR04 05:00A	01MAY04 11:59	DR-N ML-N ORT3-N R-N	291	CH0300359 RCS CL TSR 3.4.5.2 MISC CHEM																											
91	1	CH0300372	CH	77	CHEM-SAMPL	RCS DO TSR 3.4.5.1	22	25APR04 05:00A	01MAY04 11:59	DR-N ML-N ORT3-N R-N	291	CH0300372 RCS DO TSR 3.4.5.1 MISC CHEM																											
92	1	CH0300402	CH	77	CHEM-SAMPL	RCS BORON SR 3.9.1.1	22	25APR04 05:00A	01MAY04 11:59	DR-N ML-N ORT3-N R-N	291	CH0300402 RCS BORON SR 3.9.1.1 MISC CHEM																											
93	2	CH0300499	CH	77	CHEM-SAMPL	RCS CL TSR 3.4.5.2	22	26APR04 05:00A	01MAY04 11:59	DR-N ML-N ORT3-N R-N	291	CH0300499 RCS CL TSR 3.4.5.2 MISC CHEM																											
94	2	CH0300512	CH	77	CHEM-SAMPL	RCS DO TSR 3.4.5.1	22	26APR04 05:00A	01MAY04 11:59	DR-N ML-N ORT3-N R-N	291	CH0300512 RCS DO TSR 3.4.5.1 MISC CHEM																											
95	0	CH0300196	CH	77	CHEM-SAMPL	BAST BORON TSR 3.5.1.2	8	26APR04 07:00A	30APR04 11:59	DR-N ML-N ORT3-N R-N	155	CH0300196 BAST BORON TSR 3.5.1.2 MISC CHEMISTRY SAMPLING 0300196																											
96	1	CH0300386	CH	77	CHEM-SAMPL	SGBDFO GAMMA SCAN	8	26APR04 07:00A	30APR04 11:59	DR-N ML-N ORT3-N R-N	155	CH0300386 SGBDFO GAMMA SCAN MISC CHEMISTRY SAMPLING 0300386																											
97	1	CH0300441	CH	77	CHEM-SAMPL	RE-229 ISOTOPIC	8	26APR04 07:00A	30APR04 11:59	DR-N ML-N ORT3-N R-N	155	CH0300441 RE-229 ISOTOPIC MISC CHEMISTRY SAMPLING 0300441																											
98	2	CH0300482	CH	77	CHEM-SAMPL	RCS BORON SR 3.9.1.1	8	26APR04 07:00A	30APR04 11:59		155	CH0300482 RCS BORON SR 3.9.1.1 MISC CHEMISTRY SAMPLING 0300482																											
99	2	CH0300525	CH	77	CHEM-SAMPL	SGBDFO GAMMA SCAN	8	26APR04 07:00A	30APR04 11:59	DR-N ML-N ORT3-N R-N	155	CH0300525 SGBDFO GAMMA SCAN MISC CHEMISTRY SAMPLING 0300525																											
100	2	CH0300551	CH	77	CHEM-SAMPL	RE-229 ISOTOPIC	8	26APR04 07:00A	30APR04 11:59	DR-N ML-N ORT3-N R-N	155	CH0300551 RE-229 ISOTOPIC MISC CHEMISTRY SAMPLING 0300551																											
101	1	CAMP-113BA	CH		CAMP-113	CAMP-113 SAMPLE B STEAM GENERATOR (SPARGE)	3	29APR04 19:00	29APR04 21:59	DR-N ML-N ORT3-N R-N	0	CAMP-113BA CAMP-113 SAMPLE B STEAM GENERATOR (SPARGE)																											
102	1	CAMP-113AA	CH		CAMP-113	CAMP-113 SAMPLE A STEAM GENERATOR (SPARGE)	3	30APR04 01:00	30APR04 03:59	DR-N ML-N ORT3-N R-N	0	CAMP-113AA CAMP-113 SAMPLE A STEAM GENERATOR (SPARGE)																											
103	1	CAMP-113BB	CH		CAMP-113	CAMP-113 (SPARGE) SAMPLE B STEAM GENERATOR	3	01MAY04 01:00	01MAY04 03:59	DR-N ML-N ORT3-N R-N	0	CAMP-113BB CAMP-113 (SPARGE) SAMPLE B STEAM GENERATOR																											
104	1	CAMP-113AB	CH		CAMP-113	CAMP-113 (SPARGE) SAMPLE A STEAM GENERATOR	3	01MAY04 03:00	01MAY04 05:59	DR-N ML-N ORT3-N R-N	0	CAMP-113AB CAMP-113 (SPARGE) SAMPLE A STEAM GENERATOR																											
<b>ENGINEERING - PREDICTIVE MAINTENANCE</b>												<b>EEP</b>																											
105	0	EE0302288	EEP	77	SW BLDG	VIBRATION ROUTE DATA - PUMP HSE AND WWT	4	29APR04 08:00A	29APR04 15:59	DR-Y ML-Y ORT3-Y R-N	624	EE0302288 VIBRATION ROUTE DATA - PUMP HSE AND WWT SERVICE WATER BUILDING STRUCTURE 0302288																											

Run Date

29APR04 13:31

LT-03 STANDARD PUBLICATION

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after 29APR04 12:00

# U1R28 WORKING SCHEDULE

after 29APR04 12:00

#	U	ID	RESP	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	MF	APR							MAY																				
												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
<b>ENGINEERING PROGRAMS - TEST SERVICES</b>												<b>EPT</b>																											
178	1	EP0301957	EPT	76	HX-001B	EDDY CURRENT TEST STEAM GEN B - 1 SHIFT	11	17APR04 07:00A	30APR04 11:59	DR-N ML-Y ORT3-N R-N	0	EP0301957 EDDY CURRENT TEST STEAM GEN B - 1 SHIFT [REDACTED] STEAM GENERATOR 0301957																											
179	1	EP0301962A	EPT	76	HX-020A	HX-020A - EDDY CURRENT	5	23APR04 08:00A	29APR04 16:59	DR-Y ML-Y ORT3-Y R-N	40	EP0301962A HX-020A - EDDY CURRENT REVIEW/RERUN [REDACTED] LP FEEDWATER HEATER 0301962																											
180	1	EP0301964	EPT	76	HX-023A	HX-023A - EDDY CURRENT INSPECT	1	28APR04 15:00A	29APR04 12:59	DR-Y ML-Y ORT3-Y R-N	0	EP0301964 HX-023A - EDDY CURRENT INSPECT LUBE OIL COOLER [REDACTED] TURBINE LUBE OIL COOLER 0301964																											
181	1	EP0301965A	EPT	76	HX-023B	HX-023B - EDDY CURRENT	5	28APR04 15:00A	29APR04 16:59	DR-Y ML-Y ORT3-Y R-N	10	EP0301965A HX-023B - EDDY CURRENT REVIEW/RERUN [REDACTED] TURBINE LUBE OIL COOLER 0301965																											
182	1	EP0301964A	EPT	76	HX-023A	HX-023A - EDDY CURRENT	10	29APR04 13:00	30APR04 12:59	DR-Y ML-Y ORT3-Y R-N	0	EP0301964A HX-023A - EDDY CURRENT REVIEW/RERUN [REDACTED] TURBINE LUBE OIL COOLER 0301964																											
183	1	EE0305857	EPT	76	P-010B	1P-10B - POST MAINTENANCE	2	30APR04 02:00	30APR04 03:59	DR-Y ML-Y ORT3-Y R-N	29	EE0305857 1P-10B - POST MAINTENANCE VIBRATION CHECKS 0305857 [REDACTED] RESIDUAL HEAT REMOVAL PUMP																											
184	1	EP0301956T	EPT	76	HX-001A	1HX-1A PLUG S/G TUBES	12	30APR04 12:00	01MAY04 00:59	DR-N ML-Y ORT3-N R-N	0	EP0301956T 1HX-1A PLUG S/G TUBES 0301956 [REDACTED] STEAM GENERATOR																											
185	1	EP0301957T	EPT	76	HX-001B	1HX-1B PLUG S/G TUBES	12	30APR04 12:00	01MAY04 00:59	DR-N ML-Y ORT3-N R-N	0	EP0301957T 1HX-1B PLUG S/G TUBES 0301957 [REDACTED] STEAM GENERATOR																											
186	1	EP0302114A	EPT	77	SC-1A	SC-1A - INSTALL COND TUBE SHIELDS (1A)	3	30APR04 13:00*	30APR04 15:59	DR-Y ML-Y ORT3-Y R-N	0	EP0302114A SC-1A - INSTALL COND TUBE SHIELDS (1A) 0302114 [REDACTED] CONDENSER (DEAERATING)																											
187	1	EP0302115A	EPT	77	SC-1B	SC-1B - INSTALL COND TUBE SHIELDS (1B)	3	30APR04 16:00*	01MAY04 08:59	DR-Y ML-Y ORT3-Y R-N	0	EP0302115A SC-1B - INSTALL COND TUBE SHIELDS (1B) 0302115 [REDACTED] CONDENSER (D)																											
188	1	EP0214186B	EPT	78	HX-001A	HX-001A - REMOVE ECT EQUIP FROM	3	01MAY04 01:00	01MAY04 03:59	DR-N ML-N ORT3-N R-N	0	EP0214186B HX-001A - REMOVE ECT EQUIP FROM 0301956 [REDACTED] STEAM GENERATOR																											
189	1	EP0301957C	EPT	78	HX-001B	HX-001B - REMOVE ECT EQUIP FROM	3	01MAY04 01:00	01MAY04 03:59	DR-N ML-N ORT3-N R-N	0	EP0301957C HX-001B - REMOVE ECT EQUIP FROM 0301957 [REDACTED] STEAM GENERATOR																											
190	1	NG-SC1A-TP	EPT	77	SC-1A	MAIN COND TUBE PLUGGING (1A)	3	01MAY04 09:00*	01MAY04 11:59	DR-Y ML-Y ORT3-Y R-N	0	NG-SC1A-TP MAIN COND TUBE PLUGGING (1A) 0301979 [REDACTED] CONDENSER																											
191	1	NG-SC1B-TP	EPT	77	SC-1B	MAIN COND TUBE PLUGGING (1B)	3	01MAY04 12:00*	01MAY04 14:59	DR-Y ML-Y ORT3-Y R-N	0	NG-SC1B-TP MAIN COND TUBE PLUGGING (1B) 0301981 [REDACTED] CONDENSER																											
<b>FACILITIES GROUP - UTILITY GROUP</b>												<b>FG1</b>																											
192	1	FG311887P	FG1	76	HX-021B	PAINT FD-2412	30	28APR04 18:00A	30APR04 20:59	DR-Y ML-Y ORT3-N R-N	61	FG311887P PAINT FD-2412 [REDACTED] HP FEEDWATER HEATER 5803118																											
193	1	FG213064P	FG1	76	MS-00010A	PAINT VALVE 1MS-10A	4	29APR04 18:00*	29APR04 21:59	DR-Y ML-Y ORT3-Y R-N	0	FG213064P PAINT VALVE 1MS-10A 0213064 [REDACTED] HP TURB STEAM SUPPLY INLET PX-2025 ROOT																											
194	1	FG212642P	FG1	76	FD-00225A	PAINT FD-225A VALVE	4	30APR04 06:00*	30APR04 09:59	DR-Y ML-Y ORT3-Y R-N	0	FG212642P PAINT FD-225A VALVE 0212642 [REDACTED] HX-17A LP FWH 1A LC-2505 LOWER ISOLATION																											
195	1	FG216557P	FG1	76	FD-00282C	PAINT 1FD-282C	8	30APR04 07:00*	30APR04 14:59	DR-Y ML-Y ORT3-Y R-N	0	FG216557P PAINT 1FD-282C 0216557 [REDACTED] HX-22C MSR LS-2530/LC-2515 UPPER ROOT ISOLATION																											



after 29APR04 12:00

# U1R28 WORKING SCHEDULE

after 29APR04 12:00

#	U	ID	RESP	WO ST	EQID	DESCRIPTION	RD	ES	EF	RISK	MF	APR							MAY																														
												8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>I&amp;C - C. RHODEN &amp; R. YOUNG</b>												<b>IC1</b>																																					
212	1	IC0400553B	IC1	76	SERVICE	SERVICE MAINT SUPPORT-EQ VERIFYING	20	27APR04 12:00A	04MAY04 07:59	DR-Y ML-Y ORT3-Y R-N	0	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC0400553B SERVICE MAINT SUPPORT EQ VERIFYING																																					
213	1	IC5.75	IC1	76	ICP-05.075	NI AUXILIARY CHANNELS - INSPECT	11	28APR04 09:00A	30APR04 11:59	DR-Y ML-Y ORT3-Y R-N	0	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC5.75 NI AUXILIARY CHANNELS - INSPECT NIS AUXILIARY CHANNEL CALIBRATION 0300880																																					
214	2	IC2.13RUN	IC1	76	ICP-02.013	4160 VOLT UV TESTING (4WK)	1	29APR04 08:00A	29APR04 12:59	DR-N ML-Y ORT3-N R-M	627	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC2.13RUN 4160 VOLT UV TESTING (4WK) 4160 VOLT UNDERVOLTAGE 0301013																																					
215	1	IC0306002	IC1	76	S-06050A	1S-6050A IOPS CH-1 OVERSPEED LIGHT	20	29APR04 08:00A	01MAY04 09:59	DR-Y ML-Y ORT3-Y R-N	0	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC0306002 1S-6050A IOPS CH-1 OVERSPEED LIGHT TURB INDEPE																																					
216	1	IC2.13SDN	IC1	76	ICP-02.013	4160 VOLT UV TESTING (4WK)	1	29APR04 09:00A	29APR04 12:59	DR-N ML-Y ORT3-N R-M	627	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												4160 VOLT UV TESTING (4WK) 4160 VOLT UNDERVOLTAGE																																					
217	1	IC4.32	IC1	76	1ICP-04.03	ICP-04.032 AUX FW SPEC 200 RACK INSTRU	10	29APR04 12:00	30APR04 10:59	DR-Y ML-Y ORT3-N R-N	0	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.32 ICP-04.032 AUX FW SPEC 200 RACK INSTRU CAL AFW SYSTEM AND CHARGING FLOW ELECTRONIC																																					
218	1	IC4.32A	IC1	76	1ICP-04.03	ICP-04.032 AUX FW ANALOG RACK INSTRU	10	29APR04 12:00	30APR04 10:59	DR-N ML-Y ORT3-N R-N	6	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.32A ICP-04.032 AUX FW ANALOG RACK INSTRU CAL AFW SYSTEM AND CHARGING FLOW ELECTRONIC																																					
219	1	IC5.53	IC1	76	ICP-05.053	ICP 5.53 SECONDARY HIGH PRESSURE	60	30APR04 06:00*	06MAY04 10:59	DR-Y ML-Y ORT3-Y R-N	23	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC5.53 ICP 5.53 SECONDARY HIGH PRESSURE 0300873																																					
220	1	IC2.22	IC1	76	1ICP-02.02	POWER RANGE NIS TESTING (POST-REFUEL)	3	30APR04 12:00*	30APR04 14:59	DR-N ML-Y ORT3-N R-N	2	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC2.22 POWER RANGE NIS TESTING (POST-REFUEL) 0305921 NIS POWER RANGE CHANNELS SHUTDOWN																																					
221	1	IC4.10-1A	IC1	76	1ICP-04.01	PT-5971 TURBINE PRESS XMTR CAL	5	01MAY04 06:00*	01MAY04 10:59	DR-Y ML-Y ORT3-Y R-N	72	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.10-1A PT-5971 TURBINE PR 0300972 FIRST STAG																																					
222	1	IC4.28IOPS	IC1	76	ICP-04.028	OVERSPEED PROTECTION SYSTEM	12	01MAY04 10:00	02MAY04 10:59	DR-Y ML-Y ORT3-Y R-N	0	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.28IOPS OVERSPEED P 0300840																																					
<b>I&amp;C - J. SCHMOLDT</b>												<b>IC2</b>																																					
223	1	IC5.15	IC2	76	ICP-05.015	RCDT INSTRUMENT CAL	14	27APR04 19:00A	30APR04 20:59	DR-Y ML-Y ORT3-Y R-N	101	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC5.15 RCDT INSTRUMENT CAL WASTE DISPOSAL SYSTEM (OUTAGE)																																					
224	1	IC4.3-2	IC2	76	1ICP-04.00	ICP-04.003-2 STEAM GEN NARROW RG LVL XMTR	20	27APR04 19:00A	01MAY04 02:59	DR-Y ML-Y ORT3-Y R-N	71	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.3-2 ICP-04.003-2 STEAM GEN NARROW RG LVL XMTR STEAM GENERATOR LEV																																					
225	1	IC4.42	IC2	76	ICP-04.042	ICP-04.042 STEAM GEN WIDE RG LVL XMTR	20	27APR04 19:00A	01MAY04 02:59	DR-Y ML-Y ORT3-Y R-N	71	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC4.42 ICP-04.042 STEAM GEN WIDE RG LVL XMTR STEAM GENERATOR WID																																					
226	1	IC0400343	IC2	76	PS-02142	1PS-2142 REPLACE PRESSURE SWITCH	48	27APR04 20:00A	04MAY04 21:59	DR-Y ML-Y ORT3-Y R-N	29	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC0400343 1PS-2142 REPLACE PRESSURE SWITCH																																					
227	1	IC0400342	IC2	76	PS-02156	1PS-2156 REPLACE PRESSURE SWITCH	53	27APR04 20:00A	05MAY04 02:59	DR-Y ML-Y ORT3-Y R-N	24	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC0400342 1PS-2156 REPLACE PRESSURE SWITCH																																					
228	1	IC5.51	IC2	76	ICP-05.051	ICP 5.51 SECONDARY VACUUM INSTRUMENTS	70	27APR04 20:00A	06MAY04 21:59	DR-Y ML-Y ORT3-Y R-N	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC5.51 ICP 5.51 SECONDARY VACUUM INSTRUMENTS																																					
229	1	IC5.27B	IC2	76	ICP-05.027	PS-6035 REPAIR/REPLACE	5	29APR04 19:00*	29APR04 23:59	DR-Y ML-Y ORT3-Y R-N	38	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
												IC5.27B PS-6035 REPAIR/REPLACE SWITCH 0300862 ELECTRO-HYDRAULIC OIL SYSTEM (OUTAGE)																																					

Run Date

29APR04 13:31

LT-03 STANDARD PUBLICATION  
FL-03 Execution Publication Set

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U	ACT ID	WO ST	GRP	HPE RISK	EQUIPMENT	Activity Description	Cal ID	DUR	START	FINISH	APR							MAY															
											128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
<b>CONSTRUCTION ENG - L. GAUTHIER</b>																																	
1	CE-I600-22	76	CE8	DR-Y ML-Y ORT3-Y R-M	R-1	PERFORM UNDERHEAD INSPECTION OF RX HEAD	U	23	23APR04 22:00A	30APR04 12:59	0213472		REACTOR VESSEL AND ASSEMBLY 128CE																				
<b>ELECTRICAL MAINTENANCE</b>																																	
1	EM0216638	76	EM	DR-N ML-N ORT3-N R-M	P-001B-M	START REPAIRS FOR P-1B HIGH BREAKAWAY	1	2	28APR04 01:00A	29APR04 13:59	0301756		REACTOR COOLANT PUMP MOTOR 128EM																				
1	EM-8480I	76	EM	DR-N ML-N ORT3-N R-M	RPI	AT HEAD RPI COIL RESISTANCE/INDUCTANCE	U	10	29APR04 12:00*	29APR04 22:59			RPI SYSTEM MULTI AND/OR NON-NUMBERED EQUIPMENT 0215213 - 128EM																				
1	EM-8480J	76	EM	DR-N ML-N ORT3-N R-M	R-1	AT HEAD CRDM COIL RESISTANCE/INDUCTANCE	U	10	29APR04 12:00*	29APR04 22:59			REACTOR VESSEL AND ASSEMBLY 0215214 - 128EM																				
1	EM-BMFP-03	76	EM	DR-Y ML-Y ORT3-N R-M	P-028B-M	P28B REMOVE MOTOR TOP COVER	8	6	29APR04 12:00	30APR04 08:59			STEAM GENERATOR FEED PUMP MOTOR 0312035 - 128EM																				
1	EM0216638A	76	EM	DR-N ML-N ORT3-N R-M	P-001B-M	P-1B RE-ASSEMBLY OF MOTOR	1	130	29APR04 14:00	04MAY04 23:59			REACTOR COOLANT PUMP MOTOR 0301756 - 128EM																				
1	EM-BMFPCL2	76	EM	DR-Y ML-Y ORT3-N R-M	P-028B-M	CONTINUE P28B INPLACE CLEANING (ROTOR & COVER)	8	27	30APR04 09:00	03MAY04 08:59			STEAM GENERATOR FEED PUMP MOTOR 0312035 - 128EM																				
1	EM0216167	76	EM	DR-N ML-N ORT3-N R-M	E-01	INSPECT AND MAINTAIN EXCITER FUSES PER MWP	9	10	30APR04 20:00*	01MAY04 20:59			TG-01 TURBINE GENERATOR EXCITER 0216167 - 128EM																				
1	EM0215225	76	EM	DR-N ML-N ORT3-N R-M	W-004A-M	PERFORM MCE W-004A-M (1B52-317M/1B-31)	U	4	01MAY04 05:00	01MAY04 09:59			CONTAINMENT REACTOR CAVITY COOLING FAN MOTOR 0215225 - 128EM																				
1	EM0215223	76	EM	DR-N ML-N ORT3-N R-M	W-003A-M	PERFORM MCE W-003A-M (1B52-3A/1B-01)	U	4	01MAY04 09:00*	01MAY04 12:59			CONTAINMENT CONTROL ROD DRIVE SHROUD FAN MOTOR 0215223 - 128EM																				
1	EM0215226	76	EM	DR-N ML-N ORT3-N R-M	W-004B-M	PERFORM MCE W-004B-M (1B52-318M/1B-31)	U	4	01MAY04 10:00	01MAY04 13:59			CONTAINMENT REACTOR CAVITY COOLING FAN MOTOR 0215226 - 128EM																				
<b>ELECTRICAL VALVE TEAM -</b>																																	
0	EM0215146	76	EMV	DR-N ML-N ORT3-N R-M	AF-04021-O	AF-4021 STEM CLEANING AND LUBRICATION	U	5	30APR04 00:00	30APR04 04:59			P-38B AFP DISCHARGE TO 1HX-1B SG OPERATOR 0215146 - 128EM																				
0	EM0215147	76	EMV	DR-N ML-N ORT3-N R-M	AF-04023-O	AF-4023 STEM CLEANING AND LUBRICATION	U	5	30APR04 03:00	30APR04 08:59			P-38A AFP DISCHARGE TO 1HX-1A SG OPERATOR 0215147 - 128EM																				
<b>I&amp;C - C. RHODEN &amp; R. YOUNG</b>																																	
2	IC2.13RUN	76	IC1	DR-N ML-Y ORT3-N R-M	ICP-02.013	4160 VOLT UV TESTING (4WK)	U	1	29APR04 08:00A	29APR04 12:59			4160 VOLT UNDERVOLTAGE 0301013 - B06B1																				
1	IC2.13SDN	76	IC1	DR-N ML-Y ORT3-N R-M	ICP-02.013	4160 VOLT UV TESTING (4WK)	U	1	29APR04 09:00A	29APR04 12:59			4160 VOLT UNDERVOLTAGE 0300747 - B06B1																				
<b>MECHANICAL MAINTENANCE MM1 RIDINGS/ BRITTINGHAM</b>																																	
1	MM0214052A	76	MM1	DR-N ML-Y ORT3-N R-M	HX-001A	HX-1A, CLOSE SG HANDHOLES	1	5	29APR04 07:00A	29APR04 16:59			STEAM GENERATOR 0214052 - 128MM																				
<b>MECHANICAL VALVE, VANDERVELDE/KENNEY</b>																																	
1	MM0216627	76	MMV	DR-N ML-N ORT3-N R-M	CV-01296	CV-1296 - INSTALL NEW TRIM PER MOD 02-027	Y	20	27APR04 08:00A	01MAY04 13:59	0216627		AUXILIARY CHARGING LINE ISOLATION 128MM																				

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

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