



Point Beach Nuclear Plant

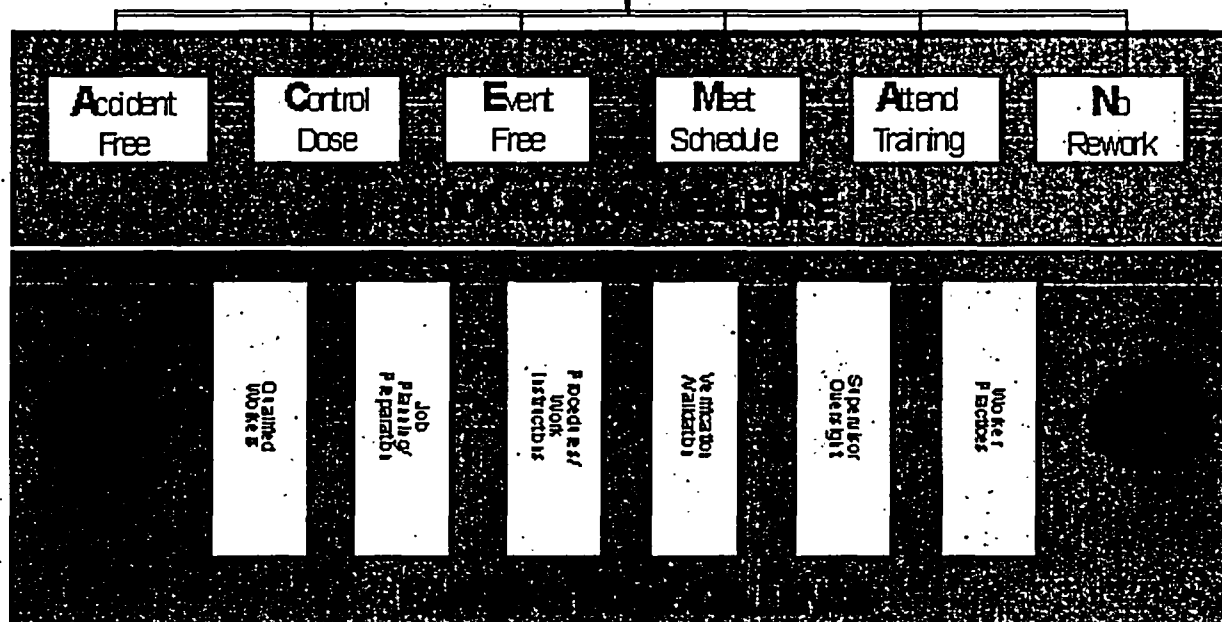
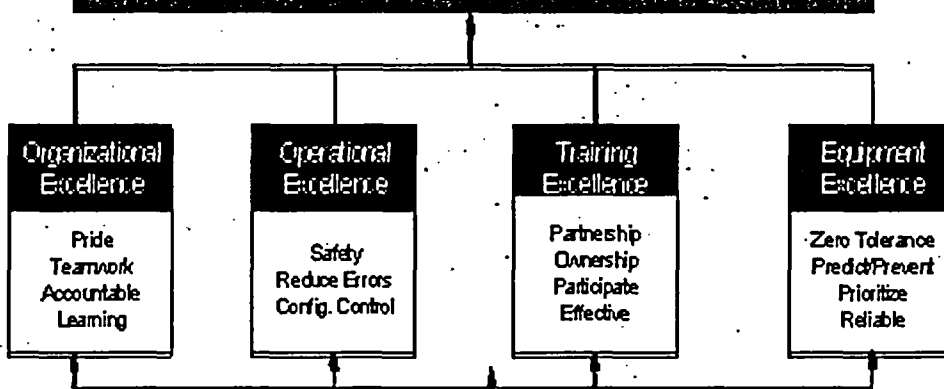
Safety ♦ Innovation ♦ Teamwork



PICTURE OF EXCELLENCE

POINT BEACH SITE EXCELLENCE

Safe, Reliable, and Cost Effective



EP Team On Call:

Team: _____

Plan-of-the-Day Meeting

0815-0845

Front Office Conference Room

Work Week: B05A1

Date: Tuesday, April 20, 2004

U1R28: Day 17

Days to U2R27: 347

Days to U1R29: 522

Safety Event:

_____ J-64

Days Since Last HP

Clock Reset: _____

Plan-of-the-Day Agenda

**Purpose: Understand unit status ♦ Ensure ownership and support ♦ Recognize performance
♦ Improve communications and teamwork**

• Daily:

Plant Status – Units 1 and 2:

- A. [IHS] – Safety
- B. [Ops] – Plant Conditions (Units 1&2)
- C. [Ops] – Immediate attention (Pri 2)
- D. [Ops] – Operations' Dept concerns, activities, and priorities
- E. [Ops] – Status control events (last event)
- F. [Ops] – Regulatory notification / near misses
- G. [Ops] – TSACs (active & potential)
- H. [Ops] – Nuisance alarms
- I. [Ops] – Operations' Housekeeping Report
- J. [PA] – Operating Experience
- K. [Plt Mgr] – Communications

Surveillance Schedule Review:

- A. [PPG Mgr] – 12-week rolling schedule
- B. [PPG Mgr] – Equipment / system outages

Chemistry / RADCON Review, Units 1 and 2:

Integrated Schedule / System Outages:

- A. [Ops] – Operations' work week issues

Unit Outage (if applicable):

Administrative:

- A. [PPG Mgr] – Plant impact issues

Action Items:

Round Table:

Pagers:

AOM.....
Chemistry Shift Supervisor.....
Industrial Safety.....
Maintenance.....
Outage Manager.....
Radiation Protection.....
Shift Manager.....
System Engineering.....
Work Week Manager.....

• Monday:

- A. [EP] – Event Response duty list
- B. [Ops/Eng] – Fire Protection summary
- C. [Safety] – Industrial safety action item list & safety performance
- D. [Site Engineering] – Maintenance Rule 'A1' system review
- E. [Project Mgmt] – Major project status
- F. [Business Mgr] – Budget overview
- G. Excellence Plan review

• Tuesday:

- A. [RP] – Annual dose summary
- B. [Security] – Security system status & compensatory measures
- C. [PPG] – Forced outage schedule
- D. [Site Eng] – Thermal cycle efficiency
- E. [VP/Director] – INPO follow up & readiness
- F. [EP] – EP issues
- G. Human Performance
- H. Excellence Plan review

• Wednesday:

- A. [Training] – Training
- B. [WCG] – Management Risk Observations
- C. [Ops] – Operator Workarounds
- D. [Ops] – Leakage list; oil & water
- E. [EP] – EP Duty List
- F. [PPG] – Section XI equipment in double frequency
- G. [Maint] – Housekeeping issues
- H. Excellence Plan review

• Thursday:

- A. [EP] – EP Pager Test Results (as applicable)
- B. [Engr] – Temporary Modifications
- C. [Ops] – Control Room Panel Deficiency Analysis
- D. [Ops] – Disabled alarms (Units 1&2)
- E. [Ops] – Instruments Out-of-Service (Units 1&2)
- F. [PA] – CAP backlogs
- G. [Ops] – Out-of-Spec routine readings
- H. Excellence Plan review

• Friday:

- A. [Reg Affairs] – Upcoming Licensing/QA Reviews
- B. [QA] – Quality Assurance update
- C. [Maint] – WR Backlog
- D. Weekend coverage list (Units 1&2)
- E. [EP] – Rep duty list
- F. [Engr] – Predictive Monitoring
- G. [PPG Mgr] – Next week's work week summary and highlights
- H. [Reg Affairs] – NRC/INPO Perf Indicators
- I. Excellence Plan review

Point Beach Nuclear Plant Outage 1R28

DAY 15

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:	25.017 Rem
Meets:	≤ 18	Exceeds:	≤ 12
		Actual PCE's:	5

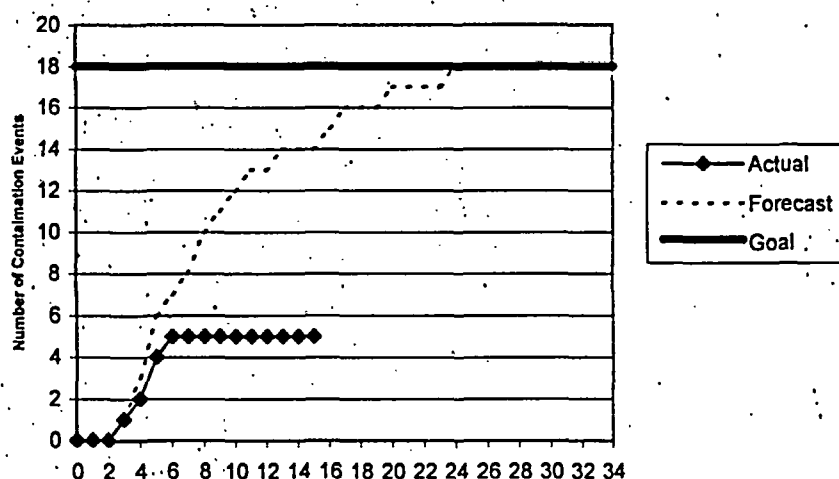
Responsible Manager/Owner

Stu Thomas

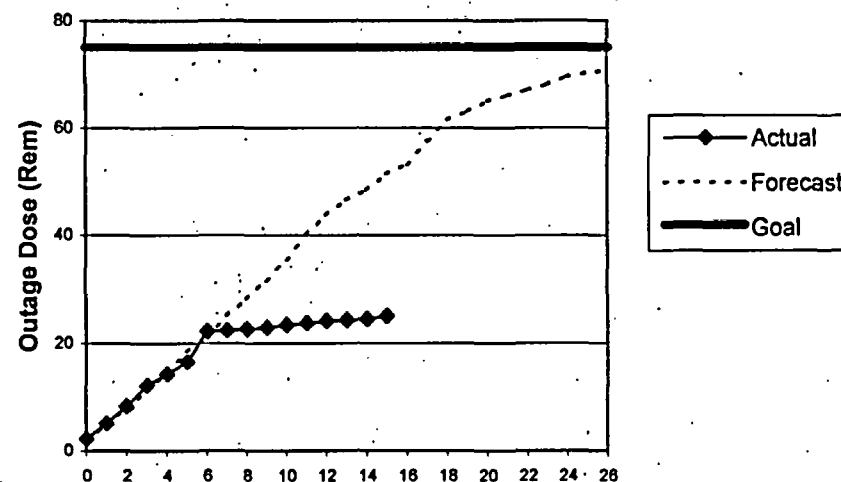
Analysis and Actions

Day 15 - April 18
 Actual = 0.507
 Cumulative = 25.017
 Cumulative Forecast = 51.394

Personnel Contamination Events



Cummulative Dose Exposure



NUCLEAR POWER BUSINESS UNIT

PBNP DAILY CHEMISTRY STATUS REPORT

Date: 04/20/04

Time: 5:00

PARAMETER	UNIT 1		UNIT 2		ACTION LEVEL(S)	
REACTOR COOLANT						
Boron, ppm	2894		1273		N/A	
Lithium, ppm	<0.05		2.47		out of range	
Chloride, ppb	<5		<5		> 50	
Fluoride, ppb	<5		<5		> 50	
Sulfate, ppb	<5		<5		> 50	
Silica, ppb	816		442		> 1000 at power	
Dissolved H2, cc/kg	N/A		34.9		< 25, > 50	
Specific Activity, uCi/cc	N/A		1.38E+0		>100 / E-Bar	
100/E-Bar, uCi/cc	N/A		164.4			
I-131 DE, uCi/cc	N/A		2.08E-4		> 0.8	
RWST						
Boron, ppm	3022		3072			
SiO2, ppb	4140		5375			
BDEB (last done dates)						
	4/14/04 6:00		4/11/04 2:17			
% Solids	4.2		1.13			
% Boric Acid	4.4		2.8			
BAST						
A	% Acid -- Date & Time		3.71		4/16/04 10:10	
B	% Acid -- Date & Time		3.72		4/16/04 12:43	
C	% Acid -- Date & Time		3.76		4/20/04 1:26	
STEAM GENERATORS						
	A	B	A	B	Action Level	INPO CPI
Chemistry Performance Index (CPI)	N/A		1.00		> 1.1 above 30% power (2)	
P/S Leak Rate, gpd	N/A		0		> 30 or > 60 gpd / hr	
Cation Cond(1), uS/cm	N/A	N/A	0.0576	0.0566	> 0.8	
Sodium, ppb	N/A	N/A	0.3	0.2	> 5	> 0.8
Chloride, ppb	N/A	N/A	0.3	0.1	> 10	> 1.6
Sulfate, ppb	N/A	N/A	0.4	0.4	> 10	> 1.7
pH	N/A	N/A	9.82	9.81	< 8.5	
FEEDWATER						
	UNIT 1		UNIT 2		Action Level	INPO CPI
Iron, ppb	N/A		2.405		> 3	> 5
Copper, ppb	N/A		0.014		> 0.1	> 0.2
Dissolved O2, ppb	N/A		< 5		> 5	
pH	N/A		9.60			
CONDENSATE						
					Action Level	
Dissolved O2, ppb	N/A		3.4		> 10	
SAE Flow (scfm)	N/A		3.2			

NOTE: Bolded items require action by Chemistry

(2) Best allowable CPI is 1.0

EMERGENT PROBLEMS / SIGNIFICANT ACTIVITIES / OTHER INFORMATION

Priority Chemistry equipment currently OOS

Weekly Core Damage Risk Profile (Safety Monitor)

B05A1/ E-0	4/18/2004	Unit 2
Risk Mgmt. Engr: Tom Staskal (x6259) Work Week Coord: OCC		

Projected Risk Level Compared to Average:
Actual Risk Level Compared to Average:

154%
0%

Highest Projected Risk Level
Highest Actual Risk Level

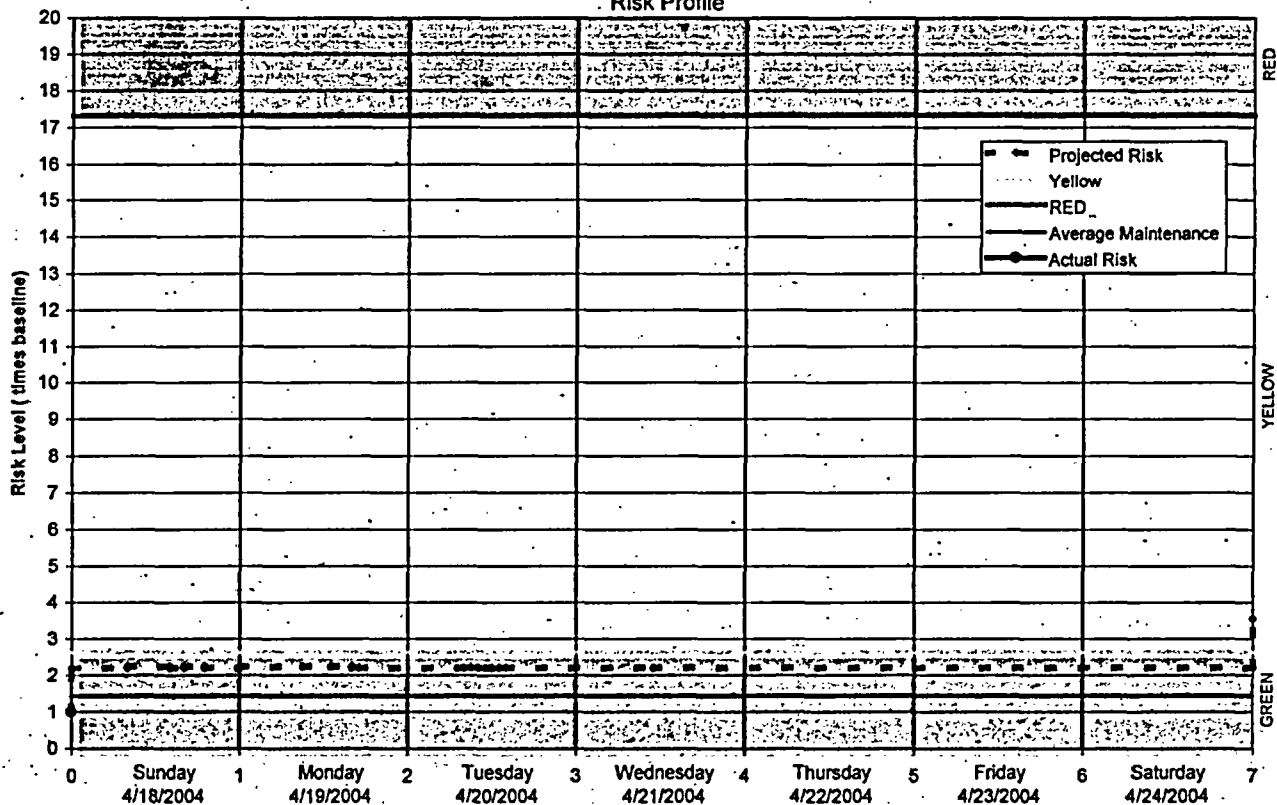
YELLOW

Notes: (1) Schedule analyzed using Safety Monitor 3.0 and PRA model Rev. 3.11. (2) This Risk Profile was generated based on schedule information received on 04/16/2004, manually modified 04/19/04. Any schedule changes after that date should be re-assessed by either the STA, PPG, or PRA in order to ensure the risk profile correctly reflects risk for upcoming plant activities.

Scheduled Activities

[illegible]

Risk Profile



Plant Status Report

Plant: Point Beach Nuclear Plant

Date: Tuesday, April 20, 2004

Operations Report (Summary of Last 24 Hours of Operations):

Unit 1 is in refueling shutdown (Mode 6). Reactor coolant system is at 70% reactor vessel level. Unit 2 is at 100% power.

Days Without LTA: 577

Homeland Security Condition: Yellow

Unit 1				Unit 2			
PWR Mode	PWR Level	MWE (Gross)	MWE (Net)	PWR Mode	PWR Level	MWE (Gross)	MWE (Net)
6	0%	0	0	1	100%	543.3	521.4

Days On Line: 0

Days Since Last Reactor Trip: 278

Days On Line: 152

Days Since Last Reactor Trip: 284

Technical Specification Action Conditions

Item	Unit	Condition	Out of Service		Length (Hr/Days)	Tech Spec Number	Expires		Responsibility	Equip Expected RTS Date
			Date	Time			Date	Time		
2RC-508, U2C RMW Supply	2	Out of service.	11/9/03	0749	31 Days	3.6.3.A	4/26/04	1900	M. Rosseau	8/27/04

Major Equipment Out of Service or Degraded

Item	Unit	Condition	Date	Time	Work Order Number	Due Date	Responsibility
NONE							

Operational Problems / Concerns

Item	Unit	Condition	Actions Needed	Due Date	Responsibility
2RC-508, U2C Reactor Makeup Supply	2	Valve comes off shut seat momentarily when RMW pump starts.	Provide decision tree to Engineering Manager.	4/23/04	K. Krause
Unit 2, Excess Letdown Flow	2	Inadequate excess letdown flow.	Open and inspect, 2CV-285.	5/7/04	N. Stuart
2RE-215, 2HX-46 Air Ejector Gas Monitor	2	Elevated indication, temperature related.	4 step action plan is developed. Scheduled completion is 5/14/04.	5/14/04	B. Carberry
2P-2A, Charging Pump	2	Excessive seal leakage/prevents continuous use of pump.	WO 0400329, Priority 3, Status 71. Item discussed w/J. Strharsky. Maintenance to perform work order walk down. Production Planning to schedule work.	4/27/04 4/26/04	J. Strharsky R. Brittingham

Aggregate Review of Issues

Item	Unit	Condition	Actions Planned	Due Date	Responsibility
NONE					

Reportable Events

NONE

Plant Status Report

Outstanding Operability Determinations
NONE
Protected Equipment
2P-29, Aux Feedwater Turbine-Driven Pump / P-38A/B Aux Feedwater Motor-Driven Pumps / P-32A-F Service Water Pumps / K-2A/B Instrument Air Compressors / K-3A/B Service Air Compressors / G-01/G-02/G-03/G-04 Emergency Diesel Generators / Unit 1 Nozzle Dam Panels and Associated Equipment
Load Changes (Planned or Unplanned)
NONE

Reactor Coolant System Leakage		
	Unit 1	Unit 2
Unidentified (gpm)	0 (No leak rate determined due to draindown)	0.05
Identified (gpm)	0	0.04
Major Tests and Evolutions Scheduled in Next 24 Hours		
Unit 1, IRMP 9071-1 and 9075-1, test Unit 1 "A" 4160 volt undervoltage relays. (Pending resolution of plant conditions)		
Unit 1, IRMP 9071-2 and 9075-2, test Unit 1 "B" 4160 volt undervoltage relays. (Pending resolution of plant conditions)		

Outage Status Report

Plant: Point Beach Unit 1 Day: Tuesday Today's Date / Time: 4/20/04 0400

Outage Duration: Day 17 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 25.017

Projected to date 51.394

Outage Goal ≤75 R

Difference -26.377

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: 98 Pressure: Vented to Atmosphere RV Level: 69%

Time to Boil: 45 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:

Unit 1 A and B Steam Generator Nozzle Dam Panels and Associated Equipment

Major Activities Completed in Last 24 Hours

•

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

Schedule: Activities Required to Exit Yellow Risk Conditions
1) Z-13 Polar Crane Aux Hoist Return to Service
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 1 ST Reduced Inventory Orange Path	4/20/04	Dave Dyzak

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		

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

Run Date		19APR04 13:41		Work Activity Risk Assignment							Sheet 2 of 2														
U	ACT ID	WO ST	GRP	HPE RISK	EQUIPMENT	Activity Description	Cal ID	DUR	START	FINISH	APR														
											Mon 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24	Sun 25	Mon 26	Tue 27					
MECHANICAL MAINTENANCE- RIDINGS BRITT (RCP "B")																									
1	MM-8485K	76	MM3	DR-N ML-N ORT3-N R-M	P-001B:	P-1B, ALIGN SEAL COLLECTION TO CAVITY	U	1	20APR04 23:00	20APR04 23:59	[REACTOR COOLANT PUMP 0214119 - 128MM														
NON-DESTRUCTIVE TESTING																									
1	NGNDE18X		NDE	DR-N ML-N ORT3-N R-M	NDE-18	MINI-SUB INSPECTIONS-INTERNAL	1	3	21APR04 08:00	21APR04 10:59	[MINI-SUB INSPECTIONS PER NDE-18 226EN														
OPERATIONS RELIEFS																									
0	OP0215287	77	OP0	DR-N ML-N ORT3-N R-M	O-IT-0007B	IT-07B, P-32B SERVICE WATER PUMP	2	4	21APR04 08:00*	21APR04 11:59	[P-32B SERVICE WATER PUMP TEST 0215287 - B05A1														
0	OP0308015	77	OP0	DR-N ML-N ORT3-N R-M	O-IT-0007A	IT-07A, P-32A SERVICE WATER PUMP	U	4	21APR04 08:00*	21APR04 11:59	[P-32A SERVICE WATER PUMP TEST 0308015 - B05A1														
0	OP0215288	77	OP0	DR-N ML-N ORT3-N R-M	O-IT-0007C	IT-07C, P-32C SERVICE WATER PUMP	2	4	21APR04 12:00*	22APR04 08:59	[P-32C SERVICE WATER PUMP TEST 0215288 - B05A1														
OPERATIONS																									
0	OI-35WW		OPS	DR-N ML-N ORT3-N R-M		ALIGN G-02 TO 1A-05/2A-05 IAW OI-35A	1	0	19APR04 20:00*	19APR04 19:59	B05A1														
0	OI-35WWA		OPS	DR-N ML-N ORT3-N R-M		ALIGN G-01 TO 1A-05 IAW OI-35A	1	1	20APR04 06:00	20APR04 06:59	B05A1														
1	RP1A-060		OPS	DR-N ML-N ORT3-N R-M	O-RP-001A	FILL CAVITY FOR ROD UNLATCH	U	3	20APR04 20:00	20APR04 22:59	[FILL UPPER CAVITY FOR UNLATCHING RODS (RP-1A) 128OP														
1	OP0300801	76	OPS	DR-Y ML-Y ORT3-N R-N	IA-03047-O	IA-3047 PMT STROKE PER IT 110	U	1	21APR04 00:00*	21APR04 00:59	[UIC IA HEADER INLET CONTROL OPERATOR 0300801 - 128OP														
1	RP4A-020		OPS	DR-N ML-N ORT3-N R-M	O-RP-004A	UNLATCH CONTROL RODS	U	4	21APR04 00:00	21APR04 03:59	[UNLATCH CONTROL RODS (RP-4A) 128OP														

REACTOR COOLANT PUMP
0214119 - 128MM

MINI-SUB INSPECTIONS PER NDE-18
226EN

P-32B SERVICE WATER PUMP TEST
0215287 - B05A1

P-32A SERVICE WATER PUMP TEST
0308015 - B05A1

P-32C SERVICE WATER PUMP TEST
0215288 - B05A1

B05A1

B05A1

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

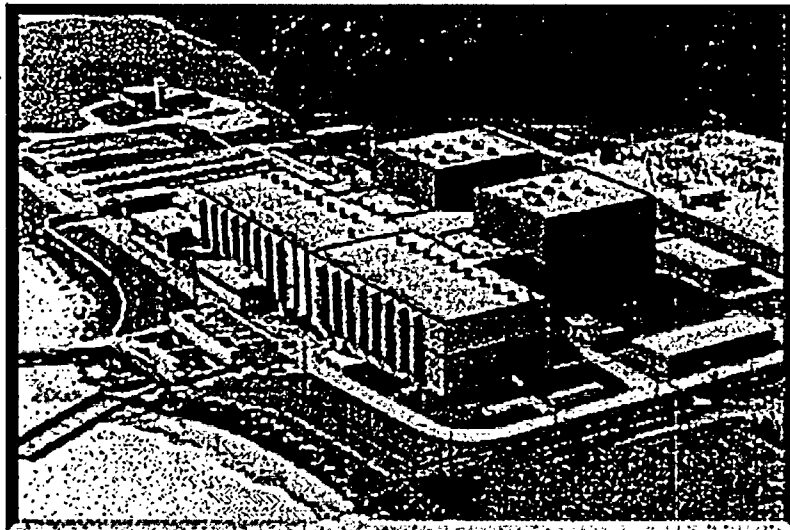
U1C IA HEADER INLET CONTROL OPERATOR
0300801 - 128OP

UNLATCH CONTROL RODS (RP-4A)
128OP

POINT BEACH NUCLEAR PLANT

Approved

FORCED OUTAGE LIST



UNIT 2

As of: April 20, 2004

**Point Beach Nuclear Plant
Unit 2
Forced Outage List**

As of: 4/19/2004

	Problem Description	Equipment ID Equipment Name	Approved Y/N	Resp Group	Owner	Dur	Tagout, Release & PMT Dur	Total Dur	Pri	Pkg Status	Plant Condition	Tagout #	RWP# Y/N	Scaffold Required Y/N Insulation Y/N Heat Trace Y/N	Material Available Y/N or (ETA)	Comments
<u>HOT SHUTDOWN</u>																
0310241	Packing adjustment was attempted under tool pouch #018609. No adjustment left. Gland is bottomed out. Packing leak. (Ref: CAP054016)	CS-00134 Hydrazine Control Sample Isolation	Y	MM	N. Stuart x - 6696	8			3	71	HSD		N	Ins R - Y		Approved at the 3/30/04 ORC meeting.
0310586	Valve not opening fully. Per Sys ENG - potential positioner fault. All other signals calling for full open. Positioner signal out "35#" should be "70%". Perform flow scan.	MS-02087 HX-22B MSR Inlet Steam Control	Y	IC	J. Helbing x - 6414	6			5	75	HSD		N	N	N	Approved at the 2/17/04 ORC meeting.
<u>COLD SHUTDOWN ACTIVITIES</u>																
0310231	Open and inspect 2CV-285 for flow restrictions. Boroscope lines upstream and downstream, if possible, or through vent and drains as practical - to determine if obstructions exist. Ref: CAP051746. OWA 2-03R-003	CV-00285 HX-4 ELHX Outlet	Y	MM	N. Stuart x - 6696	30			3	76	CSD		Y	N		Approved at the 2/17/04 ORC meeting.
0406040	Remove blind flange (temp mod) and install valve to support forced shutdown. Reinstall temp mod 03-036. Contingency WO.	VNPSE-03212 W-6A/B U2C Purge Exhaust Fan Suction	Y	MM	N. Stuart x - 6696	60			6	75	CSD		Y	Scaff - Y		Approved at the 1/6/04 ORC meeting. (wo order # changed on 2/24 from 0130052 to 0406040 per Kelly Phillips.)
0406041	Remove blind flange (temp mod) and install valve to support forced shutdown. Reinstall temp mod 03-036. Contingency WO.	VNPSE-03244 W-2A/B U2C Purge Supply Fan Discharge	Y	MM	N. Stuart x - 6696	60			6	75	CSD		Y	Scaff - Y		Approved at the 1/6/04 ORC meeting. (wo order # changed on 2/24 from 0130054 to 0406041 per Kelly Phillips.)
<u>85% POWER REDUCTION</u>																
0207017	Clean out Hx. Remove zebra mussels. Clean tubes (inlet end only). To be performed during down power or forced outage.	HX-024 Condensate Cooler	Y	MM	N. Stuart x - 6696	8	2 / 2	12	5	75	<85% power	2 CS HX-24 MM Rev0-1	N	N	Y MOD	Approved at 4/4/01 ORC.
<u>50% POWER REDUCTION</u>																
0206810	Clean/inspect (2 & 3) waterboxes. Forced outage*. Reference WO #9944169. *or downpower - contact Steve Barkhahn for req'd/na.	CW CW System Multi and/or Non-numbered equipment	Y	MM	N. Stuart x - 6696	20	4 / 4	28	5	73	<50% power	2CW Wtr Box 2/3 Rev0-1	N	N	Y MOD	Approved at 5/16/01 ORC. Perform at < 50% power HSD or CSD with CW off in that waterbox.
0206811	Clean/inspect (1 & 4) waterboxes. Forced outage*. Reference WO #9944169. *or downpower - contact Steve Barkhahn for req'd/na.	CW CW System Multi and/or Non-numbered equipment	Y	MM	N. Stuart x - 6696	20	4 / 4	28	5	73	<50% power	2 CW Wtr Box 1/4 Rev0-1	N	N	Y MOD	Approved at 5/16/01 ORC. Perform at < 50% power HSD or CSD with CW off in that waterbox.

Point Beach Nuclear Plant
Unit 2
Forced Outage List

As of: 4/19/2004

	<i>Problem Description</i>	<i>Equipment ID Equipment Name</i>	<i>Approved Y/N</i>	<i>Resp Group</i>	<i>Owner</i>	<i>Dur</i>	<i>Tagout, Release & PMT Dur</i>	<i>Total Dur</i>	<i>Pri</i>	<i>Pkg Status</i>	<i>Plant Condition</i>	<i>Tagout #</i>	<i>RWTF Y/N</i>	<i>Scaffold Required Y/N Insulation Y/N Heat Trace Y/N</i>	<i>Material Available Y/N or (ETA)</i>	<i>Comments</i>
0306565	Open/close SGFP oil cooler on demand for inspection and cleaning during non-outage periods. See text. Ref: CAP029395/CA026376.	HX-056A P-28A SGFP Oil Cooler	Y	MM	N. Stuart x - 6696	8	3 / 3	14	4	75	50% power	U2FSD 2LO HX-56A MM Rev0-2	N	N		Approved at the 8/6/03 ORC meeting.
0306566	Open/close SGFP oil cooler on demand for inspection and cleaning during non-outage periods. See text. Ref: CAP029395/CA026376.	HX-056B P-28B SGFP Oil Cooler	Y	MM	N. Stuart x - 6696	8	3 / 3	14	4	75	50% power	U2FSD 2LO HX-56B MM Rev0-2	N	N		Approved at the 8/6/03 ORC meeting.
0310342	Minor seal leakage at injection line. Suggest forced outage item.	P-028B Steam Generator Feed Pump	Y	MM	N. Stuart x - 6696	4			5	71	50% power		N	N		Approved at the 12/4/03 ORC meeting.
<u>OUTAGE ITEMS REQUIRING APPROVAL</u>																

Point Beach Nuclear Plant

As of 4/18/2004

Unit 2 Forced Outage List Test Requirements

WOW	Problem Description	Equipment ID Equipment Name	Approved Y/N	Resp Group	Owner	Dur	Tagout, Release & PMT Dur	Total Dur	Pri	Pkg Status	Plant Condition	Tagout #	RWTF Y/N	Scaffold Required Y/N Insulation Y/N	Material Available Y/N or (ETA)	Comments
DOWN POWER TO MODE 1 BELOW P-10 OR MODE 2 ABOVE P-6																
On Demand	Power Range NIs	ICP 2.7	Y	IC	J. Helbing x - 6414	2	0	2	1		MODE 1 or 2	no clr req'd	N/A	N/A	N/A	If not performed within last 92 days and remain in condition for greater than 4 hours
On Demand	Intermediate Range NIs	ICP 2.9	Y	IC	J. Helbing x - 6414	2	0	2	1		MODE 1 or 2	no clr req'd	N/A	N/A	N/A	If not performed within last 92 days and remain in condition for greater than 4 hours
DOWN POWER TO MODE 2 BELOW P-6 OR MODES 3, 4, OR 5 WITH RTB's CLOSED																
On Demand	Source Range NIs	ICP 2.10	Y	IC	J. Helbing x - 6414	2	0	2	1		MODE 2 or 3, 4, or 5 with RTB's closed	no clr req'd	N/A	N/A	N/A	If not performed within last 92 days and remain in condition for greater than 4 hours
On Demand	Reactor Protection System Source Range Logic	ICP 2.15-2	Y	IC	J. Helbing x - 6414	2	0	2	1		MODE 2 or 3, 4, or 5 with RTB's closed	no clr req'd	N/A	N/A	N/A	If not performed within last 92 days and remain in condition for greater than 8 hours
REACTOR STARTUP REQUIREMENTS																
On Demand	Turbine Auto Stop Oil and Stop Valve TADOT	ICP 13.15	Y	IC	J. Helbing x - 6414	1	0	1	1		Turbine Unlatched/ Latched	no clr req'd	N/A	N/A	N/A	Prior to exceeding the P-9 interlock whenever the unit has been in MODE 3 if not performed within last 31 days
On Demand	Intermediate Range NIs	ICP 2.9	Y	IC	J. Helbing x - 6414	1	0	1	1		HSD	no clr req'd	N/A	N/A	N/A	If Not Done Within The Last 92 Days.
On Demand	Source Range NIs	ICP 2.10	Y	IC	J. Helbing x - 6414	2	0	2	1		HSD	no clr req'd	N/A	N/A	N/A	If Not Done Within The Last 92 Days.
On Demand	Power Range NIs	ICP 2.14	Y	IC	J. Helbing x - 6414	2	0	2	1		HSD	no clr req'd	N/A	N/A	N/A	If Low Power Trips Not Tested in Previous 92 Days.
On Demand	Reactor Protection Logic	ICP 2.17-2	Y	IC	J. Helbing x - 6414	2	0	2	1		HSD	no clr req'd	N/A	N/A	N/A	If Not Done Within The Last 31 Days.
COLD SHUTDOWN REQUIREMENTS																
On Demand	Overpressurization Mitigation	ICP 2.16	Y	IC	J. Helbing x - 6414	2	0	2	1		ANY	no clr req'd	N/A	N/A	N/A	Must Be Done Prior To Placing LTOP In Service and Every 31 Days Thereafter.
TURBINE STARTUP REQUIREMENTS																
On Demand	Remove Vibration Channel Fault Alarms	C-011	Y	IC	J. Helbing x - 6414	1	0	1	1		ANY	no clr req'd	N/A	N/A	N/A	Remove Alarms Prior To Rollup Clear Common Alarm. Restore After Turbine is On Line.
On Demand	Rod position indication adjustment at power	ICP 10.21	Y	IC	J. Helbing x - 6414	2	0	2	1		MODE 1	no clr req'd	N/A	N/A	N/A	Rod position indication adjustment as required during power ascension
On Demand	Perform 2ICP 13.15 prior to exceeding 50% power whenever Mode 3 is entered if not performed in the previous 31 days.	ICP 13.015	Y	IC	J. Helbing x - 6414	1	0	1	1		ANY	no clr req'd	N/A	N/A	N/A	Partial prior to turbine rollup/remainder prior to 50% power.

Point Beach Nuclear Plant

As of 4/19/2004

Unit 2
Forced Outage List
Test Requirements

WON	Problem Description	Equipment ID Equipment Name	Approved Y/N	Resp Group	Owner	Dur	Tagout, Release & PMT Dur	Total Dur	Pri	Pkg Status	Plant Condition	Tagout #	RWTP Y/N	Scaffold Required Y/N Insulation Y/N	Material Available Y/N or (ETA)	Comments
<u>POLAR CRANE CHECKOUT</u>																
On Demand	Polar Crane Inspection	Z-013	Y	EM	D. Laing x - 6941	2	3	5			HSD	2 Z Z-13 Rev. 0-1	Y	N/A	N/A	Prior To Crane Use.

Electrical Loss Allocation Table		(all values MWe)	Data from time of last near full power Calorimetrics, 3/16/04 for Unit 1, 4/20/04 for Unit 2.										
			Unit 1	Unit 2									
Gross Electrical Output			534.0	542.7	Watt-Hour Meter								
Circ Water (Lake) Temperature Losses			4.5	1.3	Expected losses at Circ Temperature and # of Circ Pumps running at time of Calorimetric								
Radwaste Steam Use			2.0	1.5	Steam for Blowdown Evaporator and Gas Strippers' use								
House Heating Steam Use			0.0	1.0	Steam for in-house heating and misc. use								
Condenser Fouling Losses			1.0	0.1									
Identified Cycle Isolation Losses			0.0	0.0									
Capacity Losses			0.2	0.4	Operating at less than 1540 MWth (licensed power) at time of Calorimetric data								
Unidentified Losses			1.3	-1.5	Difference between Best Achievable and sum of all the above values								
Best Achievable (@ 1540 MWth)			543.0	545.5	From performance data after LP Turbine rotor replacement in late 90's and								
					adjusted for new LEFM flow meter and recent 1.4% uprate								
Additional Notes:		1) Unidentified losses can vary as much as 1 MWe from week to week.											
		2) A negative value for Unidentified Losses indicates that the current output after adjustments appears to be higher than the "Best Achievable".											
		3) Both units' unidentified losses changed about 2 - 3 MW to a negative value (see Note 2) when the main generator watt-hour meters were calibrated the week of 7/21. This is based on a comparison to the PPCS indication of electrical output and a transducer output reading at We Energies Power Systems in Pewaukee. These indications come from different instruments. CAP034651 was submitted. Recently, the Unit 1 unidentified losses has been near zero or positive compared to more negative values after the watt-hour meter calibration. This is believed to be due to a drift in the watt-hour meter because the watt-hour meter is now reading more in line with the other indications.											
		Unit 2's output has been higher since its last refueling outage due to improvements made in the turbine gland steam system during the outage.											
		The 2nd Circ Pump was started on Unit 2 at the end of March, decreasing condenser pressure and decreasing losses due to circ temperature and condenser fouling.											

Human Performance Update

1. 2004 Site Clock Resets (If no additional site clock resets occur in April, rolling average will be 30.5 days)

1/4/04	6	Wrong Unit Error During Battery Charger Adjustment	Mtn	Plant Manager discretion	CAP 52697
1/13/04	9	Inadequate Corrective Actions for Non-Compliant EALs	EP, Reg Aff	Plant Manager discretion	CAP 52825
1/13/04	0	Failure to complete a valve position verification when required	Ops	Plant Manager Discretion	CAP 52947
2/2/04	20	Adverse Trend in Meeting Attendance	All	Plant Manager Discretion	CAP 52643
3/30/04	57	Unit 2 "A" SI Accumulator Level Transmitter	I&C	HPLER	CAP 55204
4/7/04	8	Equipment Isolation Not Used during Reactor Cavity Manipulator Inspection	Mtn	Unprotected Worker	CAP 55447
4/9/04	2	Steam Generator Nozzle Dam Installation Begun Prior to Pressurizer Manway Removed (Hot Leg Vent)	PPG, Ops	Plant Manager discretion	CAP 55538

2. Job Observation Data

- Requirements – Managers 1 per week; 1 ACEMAN per month
Supervisors 1 per month
- Only 20 ACEMAN observations were performed in March (vs. NRC committed target of 30 per month) Total quantity of Management Observations is 358, barely above our NRC target of 325.

3. ACEMAN Thumbs up/ Thumbs Down Database

- All managers should enter data today!

4. Department Human Performance Improvement Teams

- Dept HPITs a requirement of NP 1.1.10. Several teams have not met recently. Please ensure your department has an HPIT scheduled!

Point Beach CAP Activities

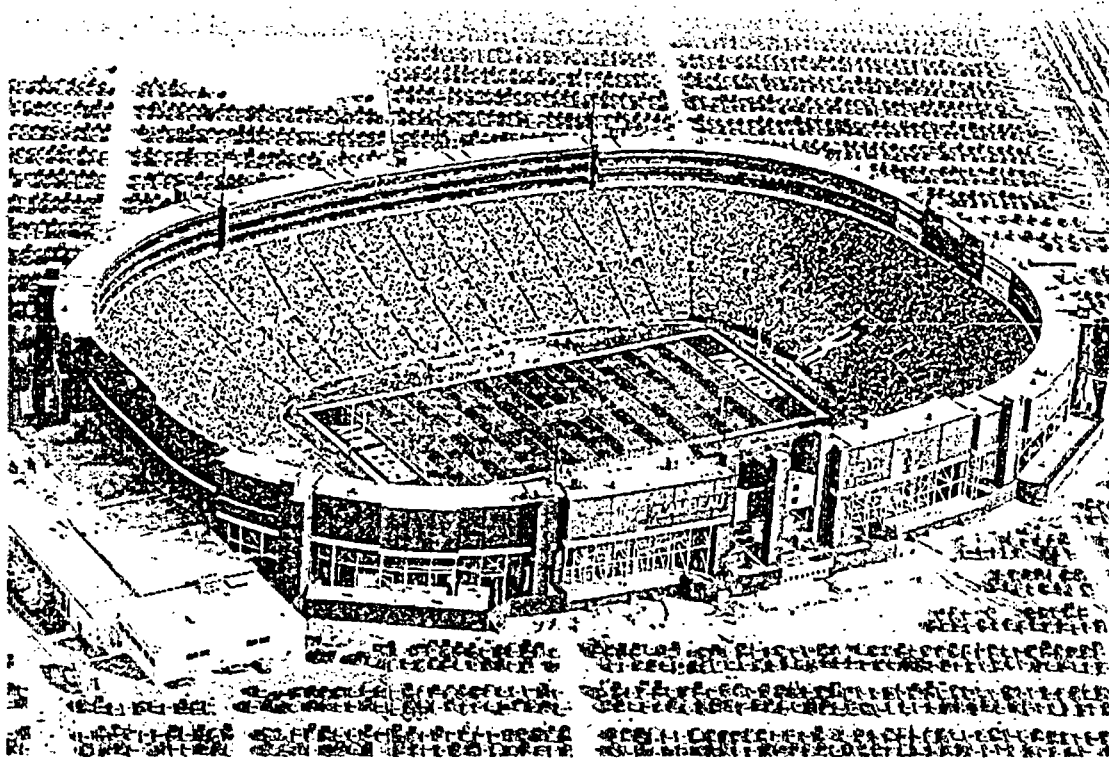
Delay of Game Clock

Tuesday, 04/20/2004

18 Days since last fumbled item

4 Days since last Unassigned item

(Last reset: TPR -OPS Training Requal)



Plan of the Day Meeting

8:15 - 8:45 am

Front Office Conference Room

**Committed to Nuclear
Excellence**



"Do the job right the first time."

Plan of the Day Meeting

Action Register

Short Term Actions (<7 days)

Responsible Department Manager will provide weekly updates at POD Meeting on Monday, Wednesday, and Friday.

[illegible]

Long Term Actions (>7 days)

Responsible Department Manager will provide weekly updates at POD Meeting on Friday.

[illegible]