

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.

Point Beach Nuclear Plant U1R28 Refueling Outage

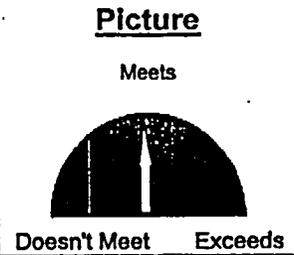
Safety Topics for week of April 18-24
<p align="center">Theme for the week</p> <p>This week's theme is <u>Outage Reminders</u>. An outage puts tremendous stress on all individuals involved. This stress is an accumulation of several factors including long work hours, poor nutrition habits, schedule adherence, unanticipated events and other items too numerous to mention. We must all remember to take care of each other, our families and ourselves during this time.</p>
<p align="center">Daily Safety Snippets</p>
<p align="center">Sunday</p> <p align="center">"Remember to use STAR and you will shine"</p> <p>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.</p>
<p align="center">Monday</p> <p align="center">"Three way communication is a key communication tool" "I understand Three way communication is a key communication tool" "That is correct"</p> <p>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.</p>
<p align="center">Tuesday</p> <p align="center">"Avoid and recognize error likely situations "</p> <p>Distractions and Unfamiliar tasks are just two of the "error likely" situations that we could encounter on 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 and pulled into the machine.</p>
<p align="center">Wednesday</p> <p align="center">"Follow the schedule or risk dancing with the devil (or Shift Outage Director)"</p> <p>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.</p>
<p align="center">Thursday</p> <p align="center">"Be educated- not medicated"</p> <p>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.</p>
<p align="center">Friday</p> <p align="center">"If the heat is making you sick, get out of the area quick."</p> <p>OE17082 - September 2003 Fort Calhoun – RP technician working 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?</p>
<p align="center">Saturday</p> <p align="center">"Only fools would not use their error reduction tools"</p> <p>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.</p>

Point Beach Nuclear Plant Outage 1R28

DAY 14

Supporting Operational Excellence

Outage Radiation Performance



Definition/Goal

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

Analysis and Actions

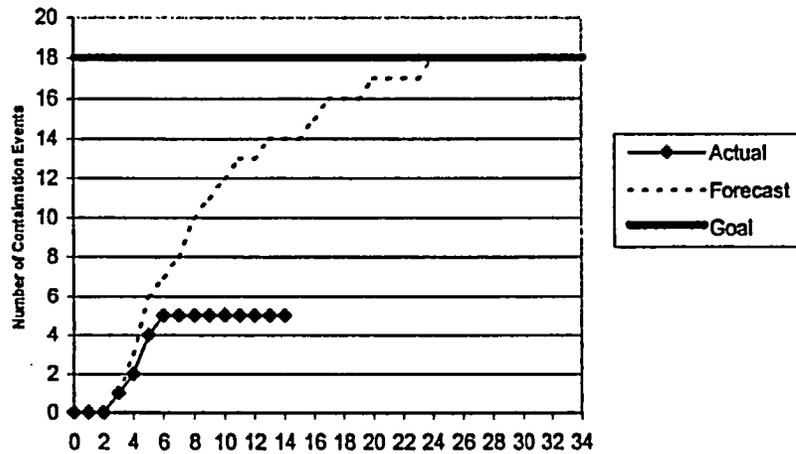
Day 14 - April 17
 Actual = 0.224
 Cumulative = 24.510
 Cumulative Forecast = 48.354

Meets:	<=75 Rem	Actual Cum.	
Exceeds:	<=71 Rem	Dose:	24.51 Rem
Meets:	<= 18	Exceeds: <= 12	Actual PCE's: 5

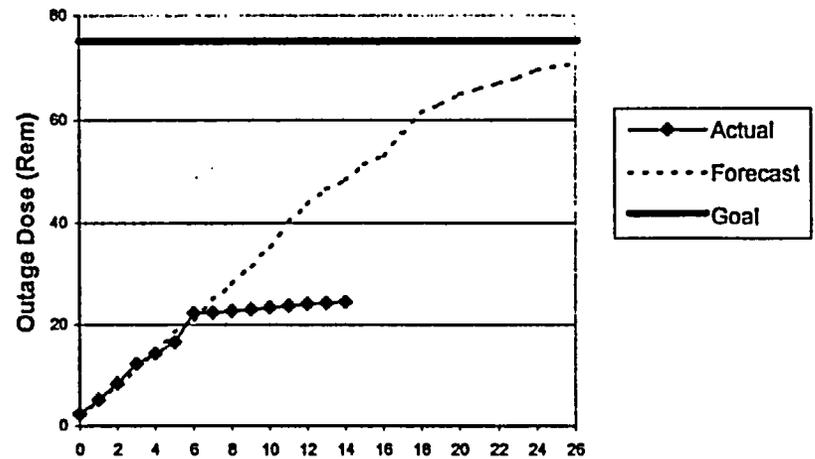
Responsible Manager/Owner

Stu Thomas

Personnel Contamination Events



Cummulative Dose Exposure



G-01 fuel oil transfer 605 HIGH
MONDAY RETURN TO SERVICE G-02 TO BE TESTED TODAY

Outage Status Report

2.2x Baseline (Green)

Plant: Point Beach Unit 1 Day: Monday Today's Date / Time: 4/19/04 **6400**

Outage Duration: Day 16 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: 69%
 Time to Boil: 43 Minutes *change in method use 577 curves instead of engineering data*

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:

ET4

Major Activities Completed in Last 24 Hours

- Z-13 Polar Crane Main Hoist Return to Service
- IT-300B "B" SG Main Feed Check Valve Testing Portion
- "A" SG Hand Hole Removal

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

- Schedule: Activities Required to Exit Yellow Risk Conditions
- 1) Complete Repairs & PMT on Z-13 Polar Crane Aux Hoist
 - 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
4/13/04	Z-13 Polar Crane Repair to Auxiliary Hoist	4/19/04	Dan Laing
4/16/04	Nitrogen Supplied to Nozzle Dams has Potential to Backfeed to Breathing Air	4/19/04	Larry Peterson

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		

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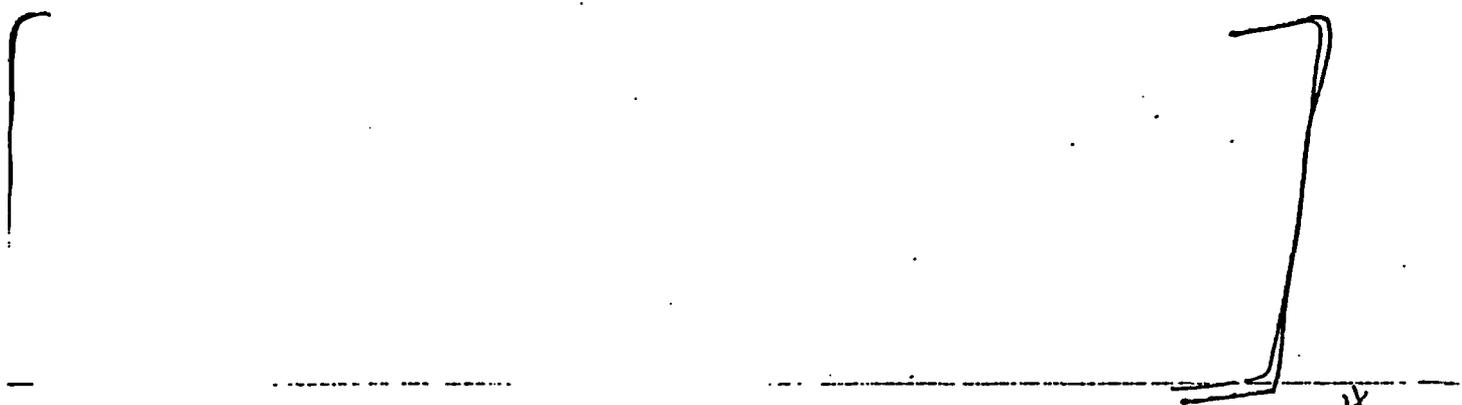
Point Beach Nuclear Plant
PBNP SHUTDOWN SAFETY ASSESSMENT AND FIRE CONDITION CHECKLIST
OUTAGE SAFETY ASSESSMENT

UNIT: 1 DATE: April 19, 2004 TIME: 0200

KEY SAFETY FUNCTIONS:

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

PROTECTED EQUIPMENT:

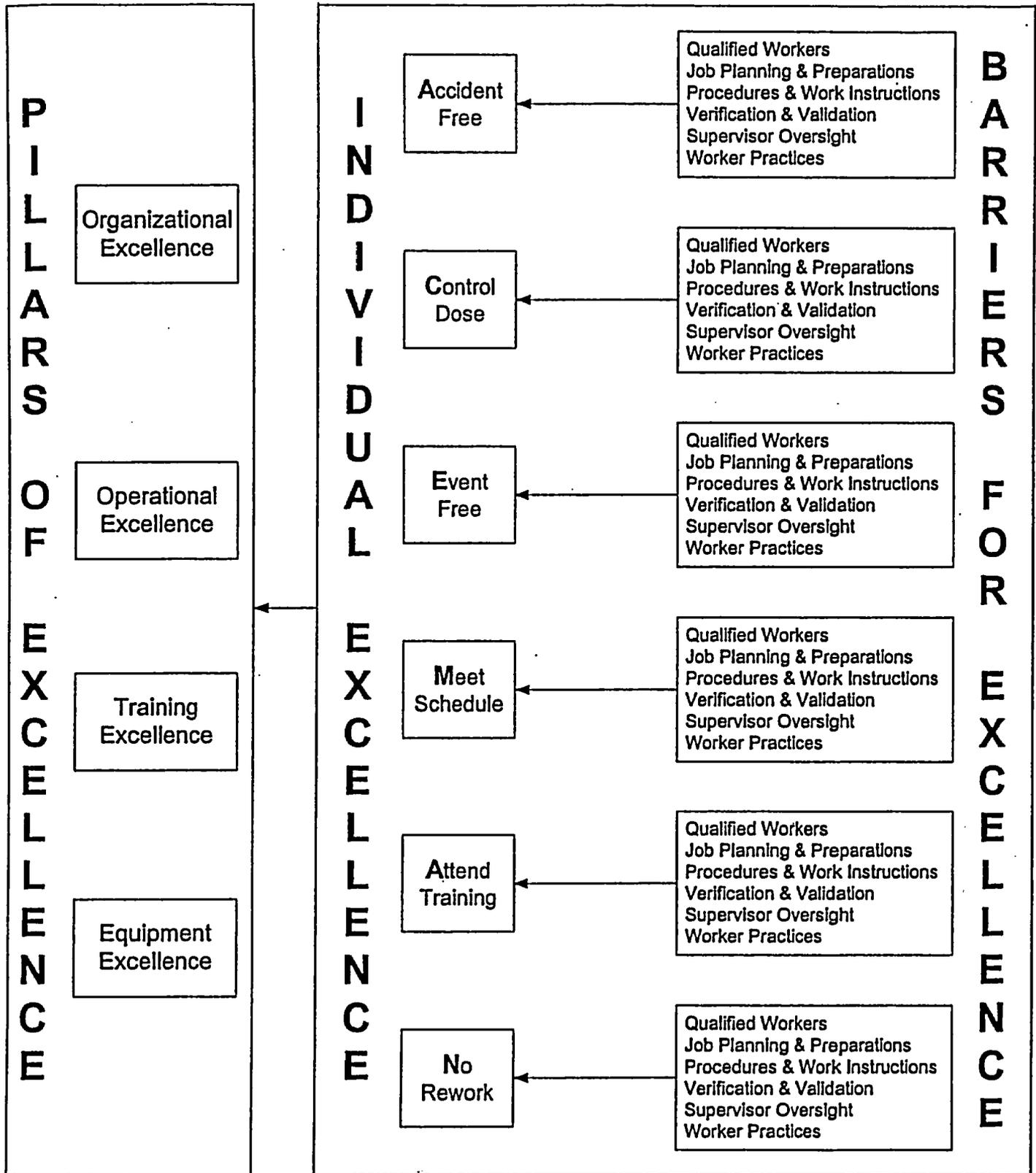


COMMENTS:

Fire Protection Condition III: Crediting existing fire rounds as fire prevention contingency
RCS Time to Boil is 43 minutes
RCS is at 69% Reactor Vessel level
Hot leg vent path is the removed Pressurizer manway

ex4

ACEMAN INDIVIDUAL EXCELLENCE WORKSHEET



Date: _____

Time: _____