



Point Beach Nuclear Plant U1R28 OCC Interactive Turnover

Meeting Agenda
Sunday April 18, 2004

Start Time: 0600

NSB Cafeteria

BRIEFING NOTES

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

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 4

FOIA/PA-2004-0282

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.

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

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 13

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.

Analysis and Actions

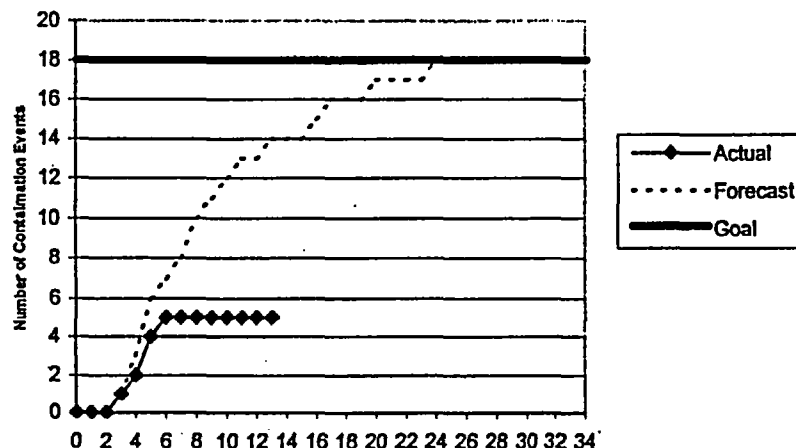
Day 13 - April 16
Actual = 0.174
Cumulative = 24.286
Cumulative Forecast = 46.579

Meets:	≤ 75 Rem	Actual Cum.	
Exceeds:	≤ 71 Rem	Dose:	24.286 Rem
Meets:	≤ 18	Exceeds:	≤ 12
		Actual PCE's:	5

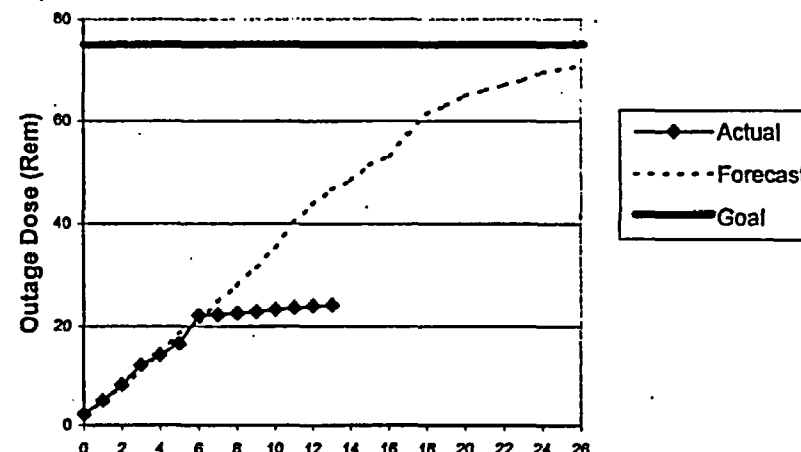
Responsible Manager/Owner

Stu Thomas

Personnel Contamination Events



Cummulative Dose Exposure



Outage Status Report

Plant: Point Beach Unit 1 Day: Sunday Today's Date / Time: 4/18/04 0400

Outage Duration: Day 15 of 28

Safety Status

Industrial - Within the last 12 hours

OSHA Recordables 0 First Aid cases 1 Significant near misses 0

Total for this outage 1*

Summary: * Pending OSHA Injury - Back Strain

Radiological

Dose outage to date 24.286

Projected to date 46.579

Outage Goal ≤75 R

Difference -22.293

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: 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:

Ex 4

Major Activities Completed in Last 24 Hours

- Z-13 Polar Crane Troubleshooting
- A S/G Drained in Preparation for Sludge Lancing
- Completed IT-300A, "Feed Line Check Valve Test"
- Completed Work on 1CS-476 "B Main Feed Reg Valve" to Support Continuation of IT-300B "Feed Line Check Valve Test"

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
- 2) Reactor Vessel Head Stud 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 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		

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

OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: April 18, 2004

TIME: 0200

KEY SAFETY FUNCTIONS:

REACTIVITY: GREEN

CORE COOLING: YELLOW

POWER AVAILABLE: GREEN

INVENTORY: YELLOW

CONTAINMENT: GREEN

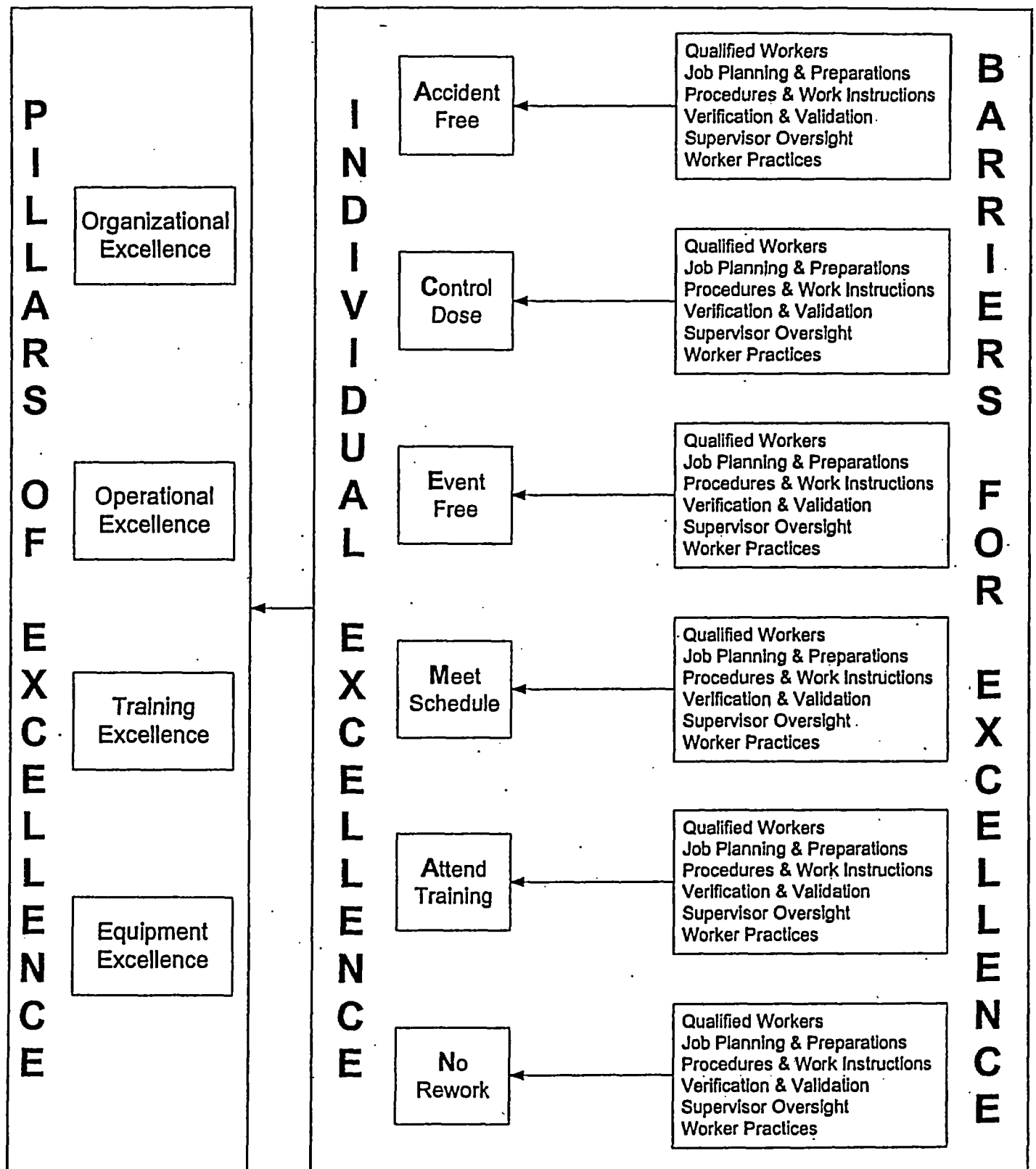
SFP COOLING: N/A

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 Pressurizer Manway

ACEMAN INDIVIDUAL EXCELLENCE WORKSHEET



Date: _____

Time: _____