

Point Beach Nuclear Plant U1R28 Refueling Outage

Safety Topic for week of April 11-17th
Theme for the week
This week's theme is Housekeeping . What does housekeeping have to do with safety? Lots! A clean and orderly workplace is essential to avoid falls, fires and many other kinds of accidents and injuries.
Daily Safety Snippets
Sunday
"Outage rubble can lead to trouble" On April 21, 2001 the Point Beach declared an Unusual Event due to a small fire in the Unit 1 containment building during a refueling outage. The fire was in a bag of rags on the manway platform of the Alpha steam generator in Unit 1. The fire brigade was summoned and put out the fire within about 20 minutes.
Monday
"When you clean up hazards, you scrub out accidents" Why is good housekeeping important? Just think about it. A clean workplace has less fire hazards, fewer safety hazards and just plain looks better. A clean workplace promotes pride in your job.
Tuesday
"Improper storing can be more than annoying" What are those yellow cabinets for? Remember to properly store all flammable chemicals in fire cabinets. These should be in properly labeled containers and the storage capacity of the cabinet should never be exceeded.
Wednesday
"Avoid a fatal scene; Keep your job site clean" A building contractor died when he was trapped in the burning basement of a house under construction. Another worker was using an oxyacetylene cutting torch to cut I-beams over the basement of the house. Stray sparks set fire to some sawdust and scrap wood used as packing material. The worker escaped and sounded the alarm, however the contractor jumped into the basement, in a fatal attempt to put the fire out.
Thursday
"Ashes to ashes, dust to dust; A clean workplace is a must" At the PI a couple of years ago during a refueling outage on unit 1, welding sparks ignited a small fire in some rags in containment. An alert fire watch was able to put out the fire immediately but the fire was preventable with some very basic housekeeping practices.
Friday
"Don't be a slob; Clean up after each job" After going through the snippets for this week makes you feel as if you have just gotten a lecture from your mother about keeping your room tidy, that's okay. Mom was right! Housekeeping is everyone's job and working together will not only ensure a clean workspace, it will also help to ensure a safe one.
Saturday
"Clean up and care will speed up repair" It is a good practice to assign one coworker as the "housekeeping conscious" on each job. This person is responsible not to clean up after you but to remind everybody on the job to clean up after themselves. This helps to minimize the gradual buildup of clutter as the job progresses.



Point Beach Nuclear Plant Outage 1R28

DAY 8

Path



Picture

Meets



Doesn't Meet Exceeds

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

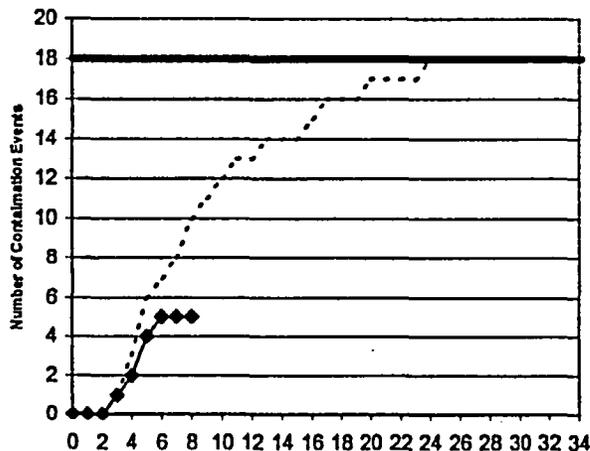
Day 8 - April 11
 Actual = 0.259
 Cumulative = 22.634
 Cumulative Forecast = 28.148

Meets:	≤ 75 Rem	Actual Cum.	
Exceeds:	≤ 71 Rem	Dose:	22.634 Rem
Meets:	≤ 18	Exceeds:	≤ 12
		Actual PCE's:	5

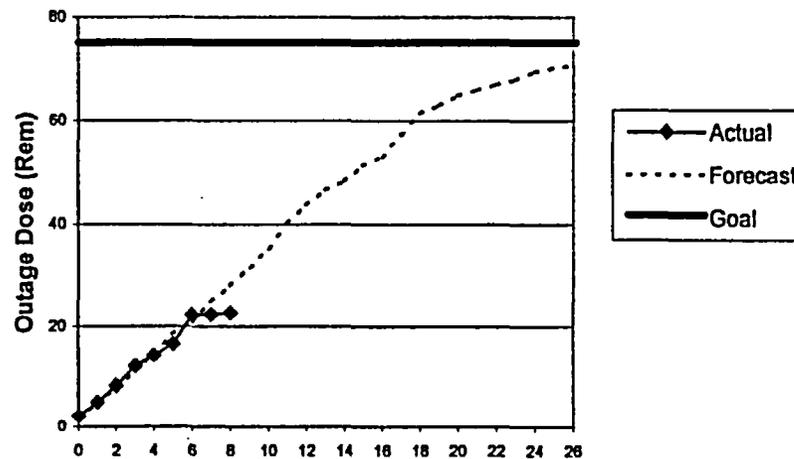
Responsible Manager/Owner

Stu Thomas

Personnel Contamination Events



Cummulative Dose Exposure



Outage Status Report

Plant: Point Beach Unit 1 Day: Tuesday Today's Date / Time: 4/13/04 / 0400

Outage Duration: Day 10 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 0

Summary:

Radiological

Dose outage to date 22.634 Projected to date 28.148 Outage Goal ≤75 R
Difference -5.514 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: 100 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

Protected Equipment:

EXIT *SCOD CURRENTLY ON CONDENSERS BEGUN*

Major Activities Completed in Last 24 Hours

Released Work to Complete Stud Detensioning
Detension Reactor Vessel Head Studs *(CRACKS IN CAVITY TO BE REMOVED)*
Polar Crane Checkout ✓
Incore Thimble Withdrawal ✓

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

Schedule: Activities Required to Exit Yellow Risk Conditions
PORC
1) B RCP Motor Move *SAFE LOAD PATH*
2) ORT 15 Fuel Transfer System Checkout
3) Reactor Vessel Head Stud Removal
4) Reactor Vessel Head Lift *IN PROCESS*

Significant Outstanding Issues *UNDERHEAD CALIBRATION 3*

Date	Issue	Due	Responsibility
4/03/04	Repair Blowdown Tank Leakage	4/15/04	Scott Manthei
4/04/04	1P2A Charging Pump Troubleshooting	4/13/04	Clay Hill
4/07/04	N40 Source Range Contingency Temp Mod Approval	4/13/04	Mel Pedersen
4/08/04	K2B Instrument Air Compressor Solenoid Replacement	4/13/04	Gary Sherwood
4/08/04	Incorporate Lessons Learned from 1 ST Reduced Inventory Orange Path	4/18/04	Dave Dyzak
4/08/04	B RCP Motor Oil Sludge	4/13/04	Jim McGough
4/11/04	B RCP Motor Lift - PORC	4/13/04	Dan Laing
4/12/04	G-500 Head gasket leak	4/13/04	Jim Golding
4/12/04	SG Wet layup chemicals needed	4/13/04	Randy Richards
4/13/04	ORT 15 Procedure change	4/13/04	Ops

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 13, 2004

TIME: 0130

KEY SAFETY FUNCTIONS:

REACTIVITY: GREEN
CORE COOLING: YELLOW
POWER AVAILABLE: GREEN
INVENTORY: YELLOW
CONTAINMENT: GREEN
SFP COOLING: NA

PROTECTED EQUIPMENT:

COMMENTS:

Fire Protection Condition III: Crediting existing fire rounds as fire prevention contingency
RCS Time to Boil is 45 minutes
RCS is at 69% Reactor Vessel Level
Hot Leg Vent Path is the Pressurizer Manway

ex4