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POINT BEACH • U1R28

Point Beach Nuclear Plant
U1R28
OCC Interactive Turnover

Meeting Agenda
Saturday, May 29, 2004

Start Time: **0600** **NSB Cafeteria**

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)
   a. Containment Fire Loading
      SAT / UNSAT → Review Deficiencies
5. Maintenance Coordinator Turnover (MOC)
6. Engineering Coordinator Turnover (EOM)
7. Major Projects Update (EOM)
8. Schedule Review (SOM)
9. Management Expectations (SSM)
10. ACEMAN Assessment Results (SOM)
11. Shift Goals (SOM)

Items Included in Daily Package:
- Site Communication
- Safety Snippet
- Outage Alara Report
- Outage Status Report
- Shutdown Safety Assessment
- Defined Critical Path
- Work Activity Risk Assignment
- Outage Schedule

BRIEFING NOTES

V-45

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Point Beach Nuclear Plant
U1R28 Refueling Outage

Safety Topic for week of May 23 – 29, 2004

Theme for the week

This week's theme deals with odds and ends for **Completing the Outage.** We are almost done. A number of critical work activities will be conducted this week in containment and we will begin a major battery change out. It is time to review industry OE from other sites to make sure we've learned from their experiences. Nothing will stop our progress faster than a serious injury!

Daily Safety Snippets

Sunday

"Is there an obstruction in your way that might not stay?"

OE13857 May 2002, Fort Calhoun – While moving the reactor vessel head assembly during a refueling outage, the control pendant for the polar crane caught a handrail vertical support pipe, lifting the pipe out of its mount and causing it to fall 20 ft to the walkway below. Individuals were in the area at the time, but not injured. A review indicated the pendant caught on nearby equipment many times during past refueling outages and corrective actions were not put in place.
Are there any items were our equipment gets caught during moves that we have not resolved?

Monday

"The big picture do we see? And communication is the key."

OE12357 January 2001, River Bend – A worker focused on a moving load and did not pay attention to the movement of the crane. He ended up being forced against a handrail by the cab of the crane, luckily resulting only in minor injuries. The entire crew was focused on the load with no one person having oversight of the whole evolution.
During crane operations, do we designate an individual to "watch the big picture?"

Tuesday

"Peer checks - do we use them?"

December 1997, Byron – An electrician was taken to the hospital for treatment of second-degree burns on his hand and flash burns to his eyes as a result of a mishap. He was one of three electricians assisting a system engineer during a battery discharge test on a new battery bank when he accidentally shorted across the battery with one of the cables used to connect the battery to a resistor bank. An investigation showed that the electricians and the system engineer had not verified the correct cable configuration. Also, the injured electrician was not wearing low voltage gloves and had rolled up the sleeves of the long-sleeve shirt he was required to wear for this job.
What PPE do we wear during battery work?

Wednesday

"Just a reminder to be told, balance that load!"

OE10902 March 2000, Seabrook – Electricians were offloading battery cells from a metal pallet on a forklift. The offload sequence went from inside, closest to the forklift, to the outside, furthest from it. The result - instability in the load and the pallet tipped under the weight of the batteries. The cells fractured spilling 19 gallons of sulfuric acid/water electrolyte in the switchgear room. *This OE is not just for battery removal. Balance all your loads!*

Thursday

"Make sure the scaffold doesn't slip and come down too quick."

OE14551 July 2002, Davis-Besse – A diamond deck plate slipped through a gap between two pieces of floor grating and dropped 20 ft to the level below, damaging an instrument line. *The rest of our scaffolding is coming down.*
Are we aware of the potential "holes" for material to go through?

Friday

"Before heat up, make sure someone has done the clean-up!"

OE57698 April 2004, Palo Verde – Two mechanics received second degree burns to the face as the result of a flash fire that occurred as they began pre-heating for welding. Isopropyl alcohol was used to clean and liquid had accumulated in the casing of the equipment. The oncoming crew was not aware of this buildup as they began work.

Saturday

"Always remember to verify first, or you may take a ride in a hearse."

1992, Palisades – An experienced electrical technician at Palisades was electrocuted when he failed to install a circuit jumper before removing test equipment from a current transformer. The existing circuit configuration had not been anticipated during work planning, and the decision to use jumpers to maintain energized current transformer circuits during testing had not been reviewed by supervision.

Point Beach Nuclear Plant Outage 1R28

DAY 54

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:	<=92 Rem	Actual Cum.	
Exceeds:	<=88 Rem	Dose:	84.005 Rem
Meets: <= 18	Exceeds: <= 12	Actual PCE's:	11

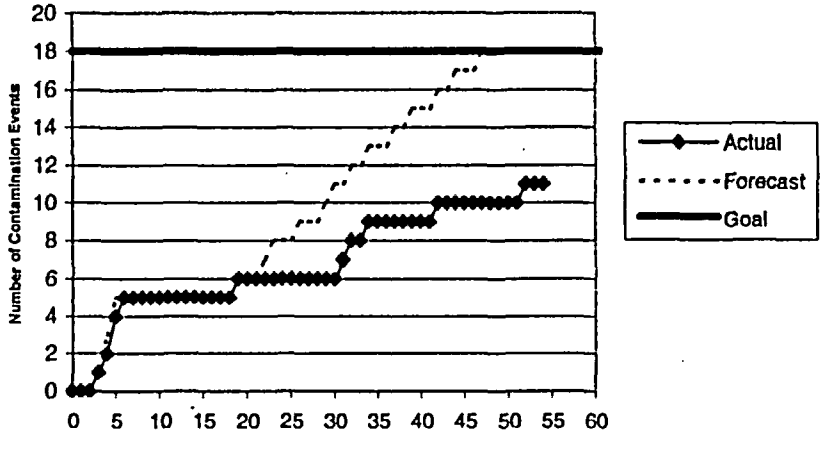
Responsible Manager/Owner

Stu Thomas

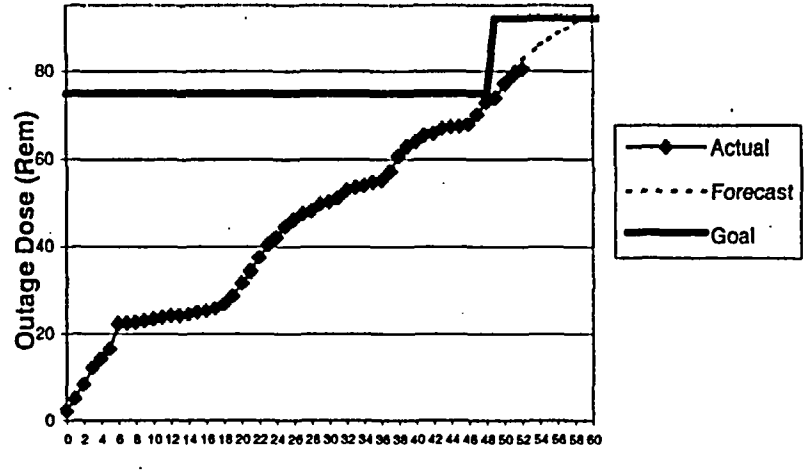
Analysis and Actions

Day 54 - May 27
Actual = 2.125
Cumulative = 84.005
Cumulative Forecast =87.181

Personnel Contamination Events



Cumulative Dose Exposure



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Outage Status Report

Plant: Point Beach Unit 1 **Day:** Saturday **Today's Date / Time:** 5/29/04 0330

Outage Duration: Day 56 Of Refueling Outage Number U1R28

Safety Status

Industrial - Within the last 12 hours

OSHA Recordables 0 First Aid cases 0 Near misses 0

Total for this outage 1

Summary:

Radiological

Dose to date 84.005 Projected to date *87.181 Outage Goal ≤92 R

Difference -3.176 * Reforecast on 5/23 Number of PCEs 11

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: 92 Pressure: 25 PSIG and Rising RV Level: RCS Filled with Pressurizer Solid

Time to Boil: 126 minutes

Shutdown Safety Assessment Protected Equipment:

Ex4

Major Activities Completed in Last 24 Hours	Critical Path and Near Critical Path Activities (Next 24 Hours)
• Continued Containment Cleanup • Containment Fan Cooler Testing • Closed 'A' RCP Window • Closed CCW in Containment Window • Fill Pressurizer Solid	• Containment Cleanup • Vent RCS Instruments • Bump RCP's • Post Fill & Vent Valve Line Ups • Establish Normal Operation of RCDT & PRT • Complete RCS Fill & Vent

Significant Outstanding Issues

Date	Issue	Due	Responsibility
5/17/04	Rx Head Relief Request	6/1/04	Jim Schweitzer

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	5/02/04	1848	Reactor Critical	4/28/04	0800		
RV Headset	4/18/04	1900	5/23/04	1338	On-Line	4/30/04	0100		

OUTAGE SAFETY ASSESSMENT

UNIT: 1 DATE: May 29, 2004 TIME: 0300

KEY SAFETY FUNCTIONS:

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

PROTECTED EQUIPMENT:

Ex4

COMMENTS:

- RCS is solid, S/G tubes not filled
- RCS Fill and Vent in progess
- RCS Time to Boil is 126 minutes
- Core Cooling and Inventory will remain YELLOW until the RCPs are bumped.