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Point Beach Nuclear Plant U1R28 Refueling Outage

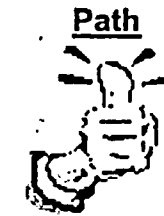
Safety Topic for week of May 9-15
Theme for the week
This week's theme covers Emergency Situations . Be it weather, fire or a medical emergency, are we ready to respond to those unexpected situations?
Daily Safety Snippets
Sunday
<i>"You would be shocked if you found your emergency egress path blocked"</i> Material is beginning to come out of containment as a lot of work is wrapping up. Don't pile up tools and equipment in the walkway even for short periods of time. Always keep the egress paths open for use.
Monday
<i>"If strong winds start to blow, do you know where to go?"</i> Do you know the proper location to go in the event of a tornado warning if you are in the trailers, turbine hall or PAB? NP1.9.21 covers the site's various shelter areas. Plan ahead and take the time now to review the NP with your group.
Tuesday
<i>"Make sure to cleanup or a fire may start during heat up."</i> OE15310 Indian Point 3 – An oil vapor extractor for the main boiler feed pump failed. The tag out used to repair the extractor resulted in an increased leakage of oil from the pump bearings onto lagging. A special log was created to monitor the leakage, but no plan existed for dealing with the safety hazards. Maintenance repaired the extractor, returning it to service. The next day a portion of oil soaked lagging on a main boiler feed pump caught fire and was quickly extinguished by an alert watchstander.
Wednesday
<i>"Take heed - Don't block emergency equipment you may need."</i> Last week on the 66ft of containment, the NRC noticed we blocked access to 2 fire extinguishers mounted on the stairwell handrail. A scaffold was built in the area that made access questionable. We then added a number of bags of insulation it made access impossible. Just a question – Why is the NRC finding this instead of us? .
Thursday
<i>"What number do you call if your co-worker takes a serious fall?"</i> What is the plant's emergency number? 2911. This number is only to be used for emergency situations. Two weeks ago a work group was having trouble getting through to operations to communicate a change in equipment status. Rather than waiting, the individual involved decided to contact the control room via the emergency number. Needless to say this was not an appropriate use of 2911.
Friday
<i>"Make sure your fire watch is alert to keep someone from getting hurt"</i> OE12607 – LaSalle – A worker using an acetylene torch for cutting through a structural member that was behind a metal wall panel. Wall insulation behind the member began to burn. The alert fire watch extinguished the fire within one minute of it beginning and no significant damage occurred.
Saturday
<i>"Debris buildup may result in an unplanned heat up"</i> OE14899 River Bend Station – A small fire occurred under the exhaust piping on a diesel generator during testing. The fire was observed during routine checks of the generator and the control room was immediately notified. The control room unloaded the generator while the operator extinguished the fire. The cause was insulation debris that accumulated around the hot piping over time.

Point Beach Nuclear Plant Outage 1R28

DAY 39

Supporting Operational Excellence

Outage Radiation Performance



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
Exceeds: ≤ 71 Rem
Actual Cum. Dose: 54.723 Rem
Meets: ≤ 18 Exceeds: ≤ 12 Actual PCE's: 9

Responsible Manager/Owner

Stu Thomas

Analysis and Actions

Day 39 - May 12

Actual = 0.275

Cumulative = 54.723

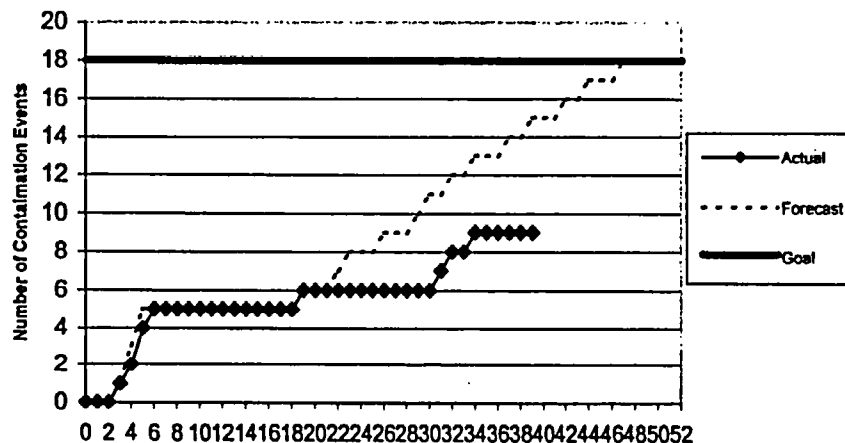
Cumulative Forecast = 54.817

Daily PCE goal reforecast on 4/23. Daily dose reforecast on 5/8/04.

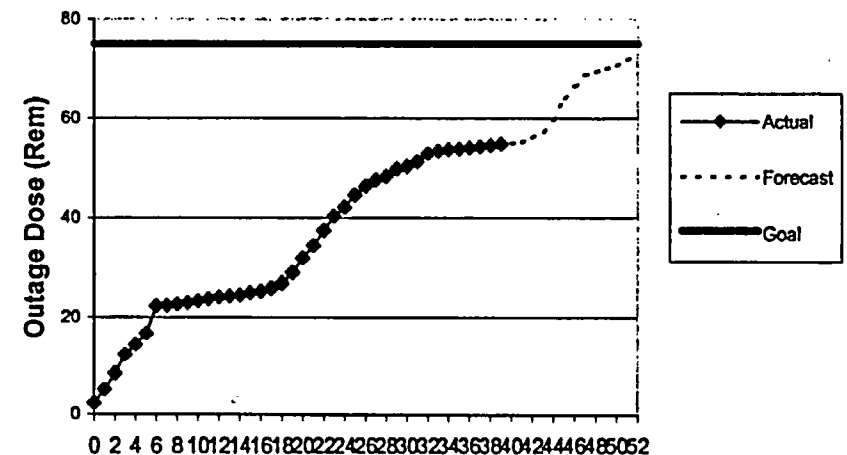
Reactor Head Repair Dose for May 12th is 1.959 vs. goal of 1.801.

RV Head Total Dose is 8.172.

Personnel Contamination Events



Cummulative Dose Exposure



Outage Status Report

Plant: Point Beach Unit 1 Day: Friday Today's Date / Time: 5/14/04 0330

Outage Duration: Day 41 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 54.723 Projected to date * 54.817 Outage Goal ≤75 R
Difference -.094 * Reforecast on 5/8 Number of PCEs 9

Summary: Reactor Head Repair Dose for May 12th is 1.959 vs. goal of 1.801. RV Head Total Dose is 8.172.

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: 79 Pressure: Vented to Atmosphere RV Level: Rod Latch Height

Time to Boil: 30 hours

Shutdown Safety Assessment Protected Equipment:

Ex 4

Major Activities Completed in Last 24 Hours

- Move Upper Internals Lift Rig (to 66' LDA)
- P-26 – Perform Repair Welding of Nozzle
- Fill and Vent Containment Spray

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

- Continue Reactor Vessel Head Penetration #26 Repair
- Coordinate UT Inspections Penetration #32 and #33
- 1X11 Transformer Breakers and Recover 480V Bus Alignment
- Containment Spray Restoration
- Upper Internals Lift Rig Scaffolding and NDE
- De-energize 1X03 for Breaker Maintenance
- ORT-3C Auxiliary Feedwater

Significant Outstanding Issues

Date	Issue	Due	Responsibility
5/03/04	Reactor Vessel Head Repair Penetration #26	5/16/04	John Walsh
5/13/04	1P-1A RCP Motor Oil	5/14/04	Dan Laing

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			On-Line	4/30/04	0100		

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

OUTAGE SAFETY ASSESSMENT

UNIT: 1

DATE: May 14, 2004

TIME: 0300

KEY SAFETY FUNCTIONS:

REACTIVITY: GREEN

CORE COOLING: GREEN

POWER AVAILABLE: GREEN

INVENTORY: GREEN

CONTAINMENT: YELLOW

SFP COOLING: NA

Yellow when 1X03 GOES OUT TODAY -
NEED TO RECOVER AKA CONTAINMENT ACCIDENT COOLING FAN

PROTECTED EQUIPMENT:

COMMENTS:

RCS Time to Boil is 30 hours. Using NP 10.3.6 Time To Boil curves.

Fire Protection Condition IV: Credit is taken for fire rounds as fire prevention contingency