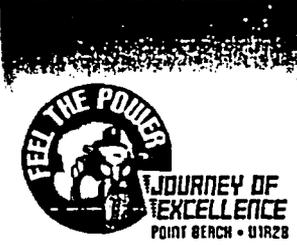


5-584

**NMC**  
Committed to Nuclear Excellence

Point Beach Refueling  
Outage Edition

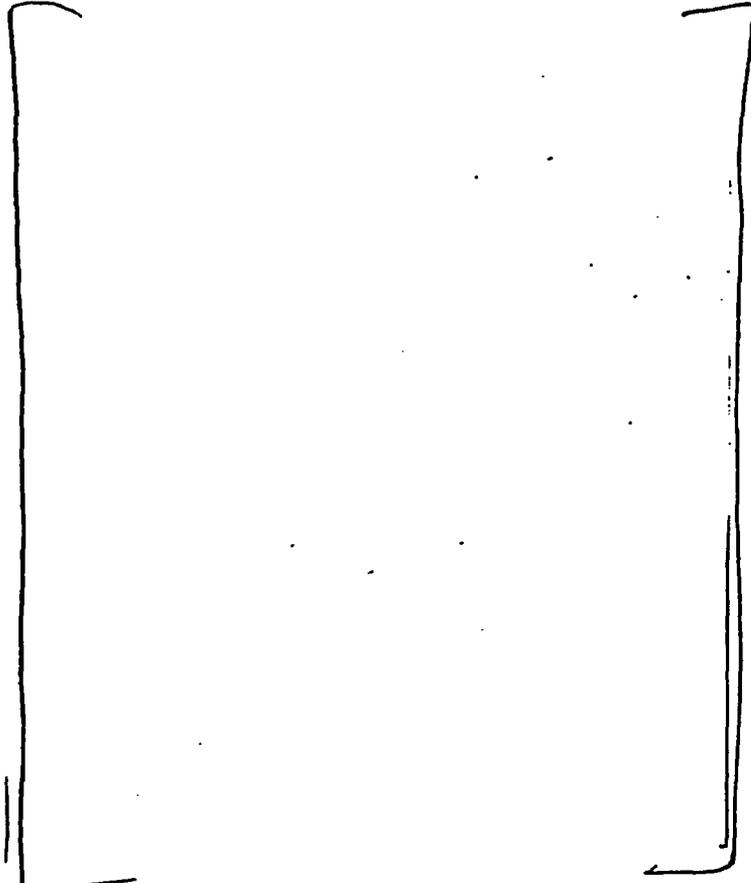


DAY  
60

# 01R28 TODAY

June 2, 2004

E+4



### CONTACT INFORMATION

- Control Room Emergency - x2911
- Work Control Center - x6703
- OCC - x 7190 - Option 1
- Lessons Learned - x7190 - Option 2
- Plant Status - x7190 - Option 3

*purging VCT to remove O<sub>2</sub>  
H<sub>2</sub> O<sub>2</sub> shock*

### Accomplishments

- TS-30 High & Low Head SI Check Valve Test *done.*
- Installed Blank Flange on Purge Supply *Mech. done*
- Purge Exhaust Valve Unbolted
- TS-10 Upper Containment Hatch Pressure Test
- IT-530E LRPM Test of RHR System
- Completed Containment Purge Valve Work
- Heatup RCS to 190°F
- Cold Rod Functional Testing *RESP 3.1, done*

### Personnel Safety



Last 24 Hours	Outage to Date
Recordable - 0 Disabling - 0	Recordable - 1* Disabling - 0

\*OSHA Recordable - Back strain.

### ALARA



Last 24 Hours	Outage to Date
0.111	85.451 R

Dose as of the end of Day 58

### Schedule Focus Areas/Priorities

- Continue Containment Purge Testing
- IT-01 SI Pump & Valve Test - *1/2 done, on B Train.*
- Establish Containment Integrity
- Enter Mode 4
- RCS Heatup to 250-270°F
- Establish Pzr Bubble
- Start RHR Common Work

*V-606*

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions 4  
FOIA-2004-0282

*TS 32+35, tests w/ PS+FE.  
→ will declare PS+FE operations  
will sign off Mode 4 checklist.*

**OUTAGE GOALS**

NUCLEAR SAFETY PERFORMANCE	GOAL	ACTUAL	HUMAN PERFORMANCE	GOAL	ACTUAL
Unplanned orange/red paths	None	None	Security Violations	≤ 12 loggable events	3
Reactor trips (either unit)	None	1	Station human performance clock resets	None	4
Safeguards actuation (either unit)	None	None	Rework	≤ 1%	On Goal
Loss of shutdown cooling	None	None	<b>SCHEDULE PERFORMANCE</b>		
Loss of Rx vessel level control	None	None	Outage Duration (excludes extensions due to extended head or BMI inspections)	≤ 30 days	Off Goal
<b>INDUSTRIAL SAFETY PERFORMANCE</b>			Mod Implementation	100% of Rev 0	On Goal
Lost time accidents	None	None	Schedule Compliance	> 85% schedule compliance with outage milestone	Off Goal
Personnel injuries (OSHA recordable)	None	1	Emergent work (during implementation)	≤ 2% late additions ≤ 5% Emergent	On Goal
<b>RADIOLOGICAL PERFORMANCE</b>			Scope	Complete ≥ 95% of Rev 0 scope	On Goal
Radiation exposure (Excludes additional dose from any head or BMI repair contingencies)	≤ 92 R	85.451 R	Operator Burdens	100% of Scheduled Operator Burdens complete	On Goal
Personnel contaminations	≤ 18 w / >5K CPM	11	Post Outage availability	≥ 150 days of continuous operation	Available at a later date
Radiological events (defined as unplanned uptake w/assigned dose >10 mrem or dose event based on ED alarms)	≤1 event	1	<b>BUDGET PERFORMANCE</b>		
Radmaterial event (defined as any rad material outside RCA ≥ 100 CPM)	≤1 event	0		Within -2% to 0% of outage budget	Seriously Challenged

**Operating Experience**

**OE8638 – Rod Testing Near Miss**

On January 30, 1997, contrary to procedural direction, the Unit 1 Control Operator was beginning to insert a group of rods before withdrawing the previously inserted group, the results would have been two sets of rods inserted at the same time. This event occurred during Bi Weekly rod exercise testing, when procedure Step 4.7 was not fully completed before commencing step 4.8. The incident is termed a near miss, in that the Control Operator stopped before the rods were moved, when an observer, (NRC resident), noted the error and questioned the Control Operator.

**Lessons Learned:** The root cause of this event was an inadequate procedure. The procedure contained multiple evolution's in one step, lack of positive self-verification and lack of a place holder. Performing a rod exercise test in an environment where the Control Operator was required to frequently stop and restart the test with a procedure that lacked separate steps, positive self-verification or place holding, for each rod manipulation resulted in the Control Operator failing to complete a step in the test procedure.

**Human Performance**

**Ever get that queasy uneasy feeling?**

An Appendix R engineer was asked by a Design Engineer to review an ECR related to an Appendix R modification. The Appendix R Engineer reviewed the ECR and returned it to the Design Engineer. When he was questioned as to whether or not he was qualified, he was not sure. He had performed a few reviews in the past and did not realize there was a qualification requirement. When he checked the qualification matrix he realized a qualification existed. He had reviewed another ECR earlier that month that had since been approved for work.

**Safety Snippet**

**It's too late for learning when your skin is already burning**

There have been 3 incidents in the past month where individuals contacted hot equipment and minor burns resulted. Two in maintenance – one was during welding activity, the second was when an employee came in contact with a hot muffler on a pump. The third was when one of the M&M Lunch employees placed her hand on a hot grill. What human performance barriers are we missing here?