NMC
Committed to Nuclear Excellence

Point Beach Refueling Outage Edition

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JOURNEY OF EXCELLENCE
POINT BEACH • U1R28

DAY 59

U1R28 TODAY

June 1, 2004

Ex4

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

Accomplishments

- Completed RCS Fill & Vent Activities IAW OP-4A
- 1P-1A Reactor Coolant Pump Balance Weight Move
- Restored Containment Upper Hatch Interlocks
- Post Fill and Vent Valve Line Up
- Started 1P-1A Reactor Coolant Pump
- Started 1W-3B Control Rod Drive Shroud Fan
- Silica Dilution and Heat Up RCS to 165°F
- IT-3B Low Head Safety Injection Valve
- Start 1P-1B Reactor Coolant Pump

Personnel Safety

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

*OSHA Recordable - Back strain.

Schedule Focus Areas/Priorities

- Continue Containment Purge Work
- TS-30 High & Low Head SI Check Valve Test
- Heatup RCS to 190°F
- Cold Rod Functional Testing

ALARA

Last 24 Hours	Outage to Date
0.217	85.325 R

Dose as of the end of Day 57

V-61

OUTAGE GOALS

NUCLEAR SAFETY PERFORMANCE	GOAL	ACTUAL
Unplanned orange/red paths	None	None
Reactor trips (either unit)	None	1
Safeguards actuation (either unit)	None	None
Loss of shutdown cooling	None	None
Loss of Rx vessel level control	None	None
INDUSTRIAL SAFETY PERFORMANCE		
Lost time accidents	None	None
Personnel injuries (OSHA recordable)	None	1
RADIOLOGICAL PERFORMANCE		
Radiation exposure (Excludes additional dose from any head or BMI repair contingencies)	≤ 92 R	85.325 R
Personnel contaminations	≤ 18 w / >5K CPM	11
Radiological events (defined as unplanned uptake w/assigned dose >10 mrem or dose event based on ED alarms	≤1 event	1
Radmaterial event (defined as any rad material outside RCA ≥ 100 CPM)	≤1 event	0

HUMAN PERFORMANCE	GOAL	ACTUAL
Security Violations	≤ 12 loggable events	3
Station human performance clock resets	None	4
Rework	≤ 1%	On Goal
SCHEDULE PERFORMANCE		
Outage Duration (excludes extensions due to extended head or BMI inspections)	≤ 30 days	Off Goal
Mod Implementation	100% of Rev 0	On Goal
Schedule Compliance	> 85% schedule compliance with outage milestone	Off Goal
Emergent work (during implementation)	≤ 2% late additions ≤ 5% Emergent	On Goal
Scope	Complete ≥ 95% of Rev 0 scope	On Goal
Operator Burdens	100% of Scheduled Operator Burdens complete	On Goal
Post Outage availability	≥ 150 days of continuous operation	Available at a later date
BUDGET PERFORMANCE	Within –2% to 0% of outage budget	Seriously Challenged

Operating Experience

OE18340 - A HHSI pump Flushing Line Isolation Valve outside the Containment Was Found Partially Open

On March 26, 2004 during performance of High Head Safety Injection (HHSI) Pump 1B Inservice Test in Unit 1, HHSI pump 1B flushing line isolation valve (SI-0120B) was found partially open. If this valve were to be open during a postulated Loss Of Coolant Accident (LOCA), the resulting release from the Safety Injection (SI) System would cause the General Design Criterion (GDC) number 19 (Control Room Operator Dose Limits) and the 10CFR100 offsite dose limits to be exceeded.

Lessons Learned: The importance of personnel exercising caution around plant equipment to avoid accidental mispositioning that could result in exceeding the Control Room Operator and the 10CFR100 offsite dose limits during a postulated LOCA.

Human Performance

Seek first to understand:

An individual was preparing to attend a training class when he got a call from another NMC plant requesting assistance with a problem. Missed training had been a problem in his department but helping another site was also a high priority. The PBNP employee decided to get the information that the other site needed and showed up 24 minutes late for training (a department HU clock reset). He should have used the Stop When Unsure tool and contacted his supervisor for direction. Training can be missed with appropriate management approvals.

Safety Snippet

If your backfield is in motion, use a zone defense

Contract electrician was pulling wire for a conduit through a junction box for the security upgrade project. While bending over to retrieve a pull string, the wind caught the junction box door. It swung and struck the employee in the back.