NMC
Committed to Nuclear Excellence

Point Beach Refueling Outage Edition

FEEL THE POWER
JOURNEY OF EXCELLENCE
POINT BEACH • U1R28

DAY 27

U1R28 TODAY

April 30, 2004

Ex 4

Accomplishments

- Fuel Motion is at Step 295 of 464 @ 0400 4/30/04
- 1A and 1B S/G Placed in Wet Lay-up
- 1A S/G Eddy Current Analysis

Schedule Focus Areas/Priorities

- Continue Fuel Motion
- B S/G Eddy Current Analysis
- Continue Reactor Vessel Head Inspection
- B RCP Motor Work
- B RHR Pump Testing
- Remove 1X04 Low Voltage Station Transformer from Service

Message from Outage Director

Fuel Motion was placed on hold yesterday morning at 0923 due to a Rod Control Cluster Assembly (RCCA) Change Tool problem. A troubleshooting work plan was developed to perform an Operational Checkout of the RCCA Change Tool. The Operational Checkout was subsequently approved and implemented at 2216 yesterday evening. This work plan was designed to test the RCCA Change Tool to verify proper operation and identify any other equipment problems that could exist. At 0226 this morning the Operational Checkout was completed on Z-23H RCCA Change Tool per the Operations Checkout. The RCCA Change Tool was determined to be working as designed and was returned to service. Fuel Handling resumed at 0345 with Step 292 of 464. Fuel Handling is now scheduled to be complete by Saturday at 0800.

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
2.376 R	44.450 R

Dose as of the end of Day 25.

U-21

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

[redacted]

April 30, 2004

OUTAGE GOALS

NUCLEAR SAFETY PERFORMANCE	GOAL	ACTUAL
Unplanned orange/red paths	None	None
Reactor trips (either unit)	None	None
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)	≤ 75 R	44.450 R
Personnel contaminations	≤ 18 w / >5K CPM	6
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	2
Station human performance clock resets	None	3
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

TR4-35, Analysis of Large Pump Motor Failures Impacting Power Production

INPO has recently identified an adverse trend involving failures of large pump motors. Nearly eight percent of all failures that impacted power production and/or extended an outage in 2003 were caused by these large motor failures versus 1.6 percent in 2000. The number of large motor failures that impacted power production and/or extended an outage increased from six in 2000 to 22 in 2003. Moreover, lost power production (megawatt-hours) in 2003 resulting from these large motor failures was more than 3 ½ times higher than in 1999.

Lessons Learned - We need to consider:

- **More aggressive preventive maintenance of large motors, particularly for winding insulation, to address the effects of aging.**

Providing more detail and direction in assembly instructions/procedures used to refurbish large motors.

CONTACT INFORMATION

Control Room Emergency – x2911

EMT Pager 6442

Work Control Center – x6703

OCC - x 7190 - Option 1

Lessons Learned - x7190 - Option 2

Plant Status - x7190 - Option 3

Safety Snippet

Use your head and stay alert, it keeps you from getting hurt

OE17764 Limerick - On 2/3/04 an electrician received a shock on a GFCI protected line. Why did this happen? The worker failed to ensure GFCI reset properly after testing. Do you check your GFCI prior to use to make sure it is working right?