

Desired Outcomes

- Demonstrate that Davis-Besse continues to make progress toward restart.
- Discuss the milestones for restart, the integrated schedule, and performance indicators.
- Discuss outstanding issues related to some of the Building Blocks.
- Discuss the actions taken to-date regarding the Management and Human Performance Excellence Plan.
- Provide an update regarding the results of the Safety Conscious Work Environment survey results and corrective actions.



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Milestones, Integrated Schedule and Performance Indicators



Mike Stevens
Director - Work Management



Restart Progress

- Major Milestones
 - Established
 - ~ 35 days behind (Polar Crane return to service)
- Integrated Schedule
 - Includes All Building Block Activities
 - Potential Schedule Impact
 - √ Containment Sump Modification
 - ✓ Bulk Work in Containment
- Performance Indicators
 - Schedule vs. Forecasts
 - Bulk Work
 - Emergent Work



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Major Milestones

<u>Milestone</u>	Forecas
 Initial System Reviews Complete 	11/21
 Program Reviews Complete 	11/27
 Reactor Head Installed 	12/8
 System Readiness for Heatup 	12/22
 Systems Pressure Inspections (NOP/NOT 	7) 12/24



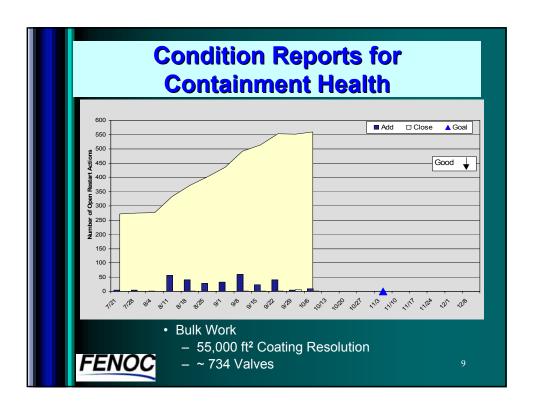
Integrated Schedule

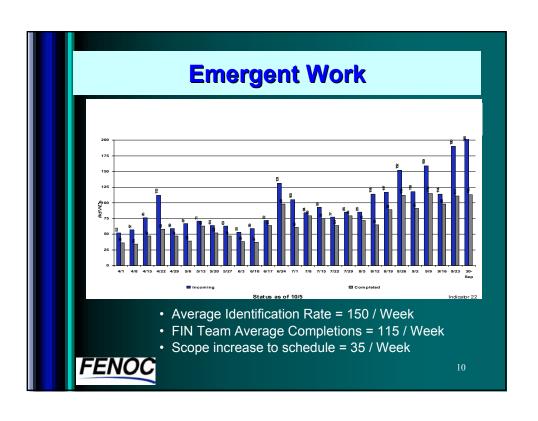
- Making progress
 - Containment Area for #1 CAC restored
 - High Pressure Feedwater Heater 1-6 removed
 - Containment Vessel restored
 - Shield Building restored
 - 50% of Containment Dome project completed
 - Condenser Coating installed
 - Polar Crane refurbished
- Next Major Project Milestone
 - Drain down for Reactor Coolant Pump Maintenance



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Total Activities Fencest - Total Activities Schedule vs. Forecasts - Total Activities = 24,470 - Completed to date = 14,125 - Typical Refueling Outage = 6,000





Summary

- Making progress
 - Our focus is on quality, not schedule
- Risks to the schedule are identified and plans are being formulated



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Reactor Head Restoration



Bob Schrauder
Director -- Support Services



Reactor Head Resolution Plan

Replacement Head Activities

- Containment Vessel and Shield Building Restoration -- Complete
- Service Structure Installed



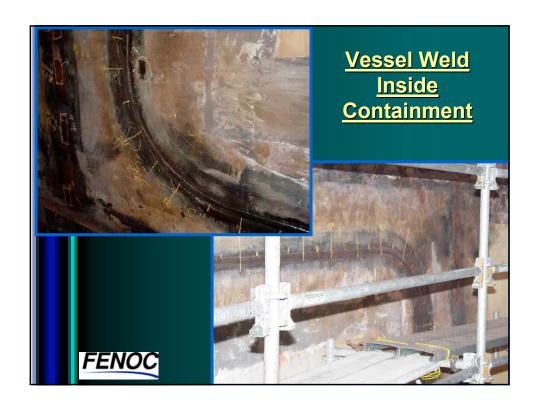
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Reactor Head Resolution Plan

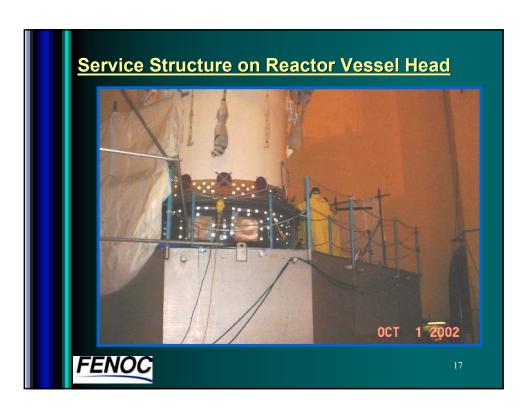
Bottom of Reactor Vessel Head Inspections

- Chemical Samples
- Framatome is completing internal safety concerns
- Framatome is developing recommendations













Randy Fast Plant Manager



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Containment Health Assurance

Status:

- Containment Air Coolers
- Containment Emergency Sump
- Containment Dome Painting
- Decay Heat Pump Valve Pit
- Equipment Qualification
- Decontamination Activities
- Inspections



Containment Air Coolers:

- Sponge Jet Blasting in progress on #2 and #3 to remove paint
- Painting in progress on #1
- · Receipt of replacement coils in progress
- Conceptual Design determined to modify and resolve expansion and water hammer issues





Containment Emergency Sump:

- Emergency Sump underway
- Demolition of existing sump in progress
- Steve Fox named as Project Manager for Emergency Sump and Decay Heat Valve Pit



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Containment Health Assurance Emergency Sump Diagram FENOC



Inspections:

- Equipment Qualification in progress
- No boric acid degradation detected
- Containment cleanliness greatly improved



System Health Assurance



Jim Powers Director - Technical Services



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System Health Assurance

Inputs to Collective Significance

- System Health Readiness Reviews
 - All 31 System Health Reviews are in final stages of completion
- Latent Issue Reviews:
 - Service Water
 - Auxiliary Feedwater
 - Emergency Diesel Generator
 - Component Cooling Water
 - Reactor Coolant System
- Engineering Assessment Board Reviews
- Self-Assessments



System Health Assurance

Findings Summary

- Reviews provided valuable insight
- A number of discrepancies were identified which will require evaluation prior to restart
 - Calculation Quality
 - Environmental Qualification
 - High Energy Line Break
 - Some material condition issues



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System Health Assurance

Follow-On Corrective Actions

- Restart-required CRs will be resolved prior to restart
- Selected systems will receive Focused Area Latent Issue Reviews
- Functional capability assessment ongoing



Program Compliance Reviews



Jim Powers Director - Technical Services



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Program Compliance Reviews

Status of Reviews

- 51 of 65 Program Baseline Assessments have been presented to the Program Review Board
 - 18 programs are ready for restart
 - 33 programs have Davis-Besse imposed internal restart restraints
- 2 of 6 detailed Program Reviews have been completed
 - Boric Acid Corrosion Control
 - Corrective Action Program
- Radiation Protection Program added for review



Program Compliance Reviews

Common Issues

- Qualifications
- Standards
- Performance Indicators
- Interfaces and handoffs
- Commitment Management
- Bypasses to the CR process
- Training



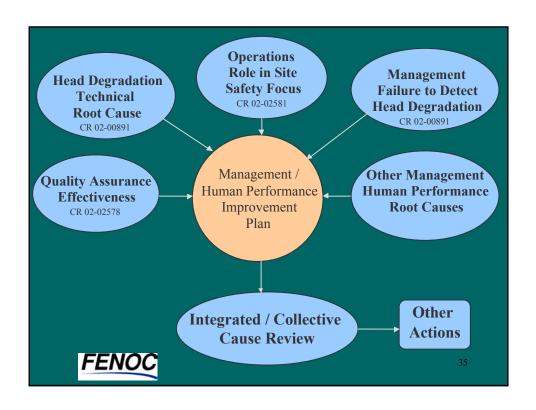
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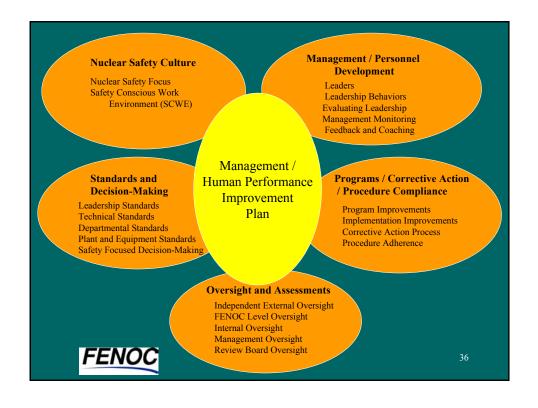
Management and Human Performance Actions



Lew Myers
FENOC Chief Operating Officer







Completed Improvement Initiatives

- Safety Conscious Work Environment (SCWE)
 Surveys / SCWE Improvement Plan Development
- New FirstEnergy Corporate Leadership:
 - FENOC Chief Operating Officer
 - FENOC Executive Vice President (Engineering)
 - Vice President of FENOC Oversight



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Management and Human Performance Actions

Completed Improvement Initiatives

- New Davis-Besse Site Leadership:
 - Vice President
 - Senior Management Team (Directors)
 - Manager Level Changes
- Weekend Duty Oversight Expectations
- Corrective Action Review Board Oversight
- Project Review Committee Improvements



Completed Improvement Initiatives

- New Management Observation Program
- Restart Overview Panel Employee Meetings
- Case Study Training
- New Standards for Management
- Quality Assessment Group Root Cause
- Company Nuclear Review Board Independent Assessment



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Management and Human Performance Actions

Completed Improvement Initiatives

- Operations Leadership Plan Development
- Establish Engineering Staff Expectations
- FENOC Hierarchy of Documents NOP
- Operations Oversight Executive.
- Decision-Making Procedure Development
- Establishment of an Engineering Assessment Board (EAB)



In Progress / Continuing Initiatives

- Employee communication opportunities:
 - 4-C's meetings
 - √ Town Hall Meetings
 - √ Team Meetings
 - ✓ Newspaper
- Operations Leadership Plan
- Supervisory Evaluations



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Management and Human Performance Actions

In Progress / Continuing Initiative

- Leadership Development Program Changes
- Engineering Assessment Board Oversight
- Augmentation of the Engineering Staff
- Restart Overview Panel (ROP) Oversight
- Weekend Duty Oversight
- Plant standards improvements
 - Labeling / Housekeeping
 - Equipment upgrades



In Progress / Continuing Initiatives

- Program Reviews
- System Reviews
- SCWE Improvement plan
- Assigned Management Monitoring
 - Training
 - Plant Activities



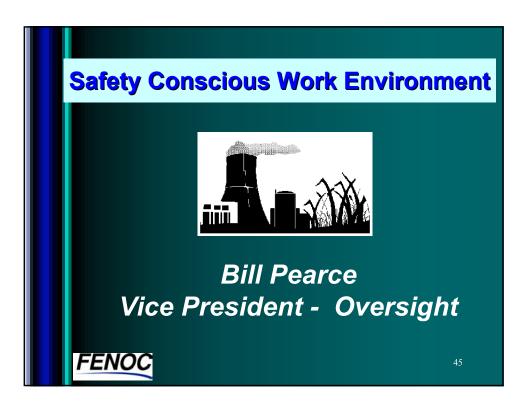
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Management and Human Performance Actions

Significant Pending Activities

- Engineering Organization Assessment
- Engineering Restart Readiness Review
- Functional Area Reviews
- Collective Review and Integration of Causal Factors





Safety Conscious Work Environment Update on our plan Relationship diagram High Relationship Medium Relationship Low Relationship

Safety Conscious Work Environment						
Issue:	Management Trust	Worker Willingness to Raise Concerns	Effectiveness of ECP Program	Effectiveness in resolving issues through normal process	Effectiveness in detecting and preventing retaliation and chilling effect	
Action:						
SCWE Training for DB Management		<u> </u>				
SCWE Training for Contractor Supervision	•	<u> </u>	•	<u> </u>	0	
Development / Implement Communication Plan	•	<u> </u>	<u> </u>	<u> </u>	•	
Implement "People Team"	0	<u> </u>				
Develop "Issue Management Process"	0	0		<u> </u>	0	
Create ECP/ Ombudsman Contingency	0	0		<u> </u>	<u> </u>	
Monitor and Communicate Performance	•	<u> </u>	•	•	•	
Review / Revise policies and charters	0	0	<u> </u>	•	0	
Designate and Train SCWE Investigators	•	•	<u> </u>	•	•	
New Senior Leadership Team		0		0	0	
Communicate Management Team Standards	•	•	•	•	•	
FENOC High	n Relationship	Mediur	m Relationship	O Low Re	elationship 47	

Issue:	Management Trust	Worker Willingness to Raise Concerns	Effectiveness of ECP Program	Effectiveness in resolving issues through normal process	Effectiveness in detecting and preventing retaliati and chilling effec
Action:		Concerns			
4-C's Meetings	•	•	•	0	0
Town Hall Meetings	•	0	•	<u> </u>	•
Case Study Discussions	•	<u> </u>	•	<u> </u>	•
Leadership in Action Training	•			•	•
Re-Baseline section standards	0			•	0
Evaluate supervisors	0	•	•	0	0
ROP employee interviews	•	0	•	•	•
Create FENOC Safety Policy	0	0	•	0	0
Management Observation Program	•	•	•	0	•
Equipment / Labeling Improvements	0	0			

