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*Davis Besse 0350 external meeting summary minutes
 06-12-02 - attachment 2*

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Special Instructions

*Pls put file under Power Reactor Correspondence
 Region III
 Operating Reactors
 Davis Besse 1*

Pls return to me - thank you

Please note - Double sided

Submitted By <i>D. Pritch</i>	Telephone <i>9638</i>	Mail Stop <i>DRP</i>	LAN ID	Date submitted to DPC
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**U. S. NRC DAVIS-BESSE
RESTART OVERSIGHT PANEL**

PUBLIC MEETING

June 12, 2002

INTRODUCTIONS

**FIRST ENERGY PRESENTATION OF
DAVIS-BESSE RETURN TO SERVICE
PLAN**

NRC STAFF QUESTIONS

**ADJOURN NRC MEETING WITH FIRST
ENERGY**

**NRC RESPONSE TO PUBLIC
QUESTIONS**

ADJOURN MEETING

***Davis-Besse
Nuclear Power Station, Unit 1***



Return To Service Plan

June 12, 2002

Introduction

Lew Myers
FENOC Chief Operating Officer

Desired Outcome

- ***Demonstrate a comprehensive recovery plan***
- ***Demonstrate that management will take the strong actions needed to:***
 - ***Resolve technical issues***
 - ***Operate the plant both safely and reliably***
 - ***Improve employee confidence and trust***
 - ***Regain regulatory confidence***
- ***Receive feedback on our actions***

Basic Building Blocks

Return to Service Plan

**Restart Overview
Panel**

**Reactor Head
Resolution Plan**
Bob Schrauder

**System Health
Assurance Plan**
Jim Powers

**Program Technical
Compliance Plan**
Jim Powers

Restart Action Plan
Howard Bergendahl

**Restart and
Post-Restart Plan**
Randy Fast

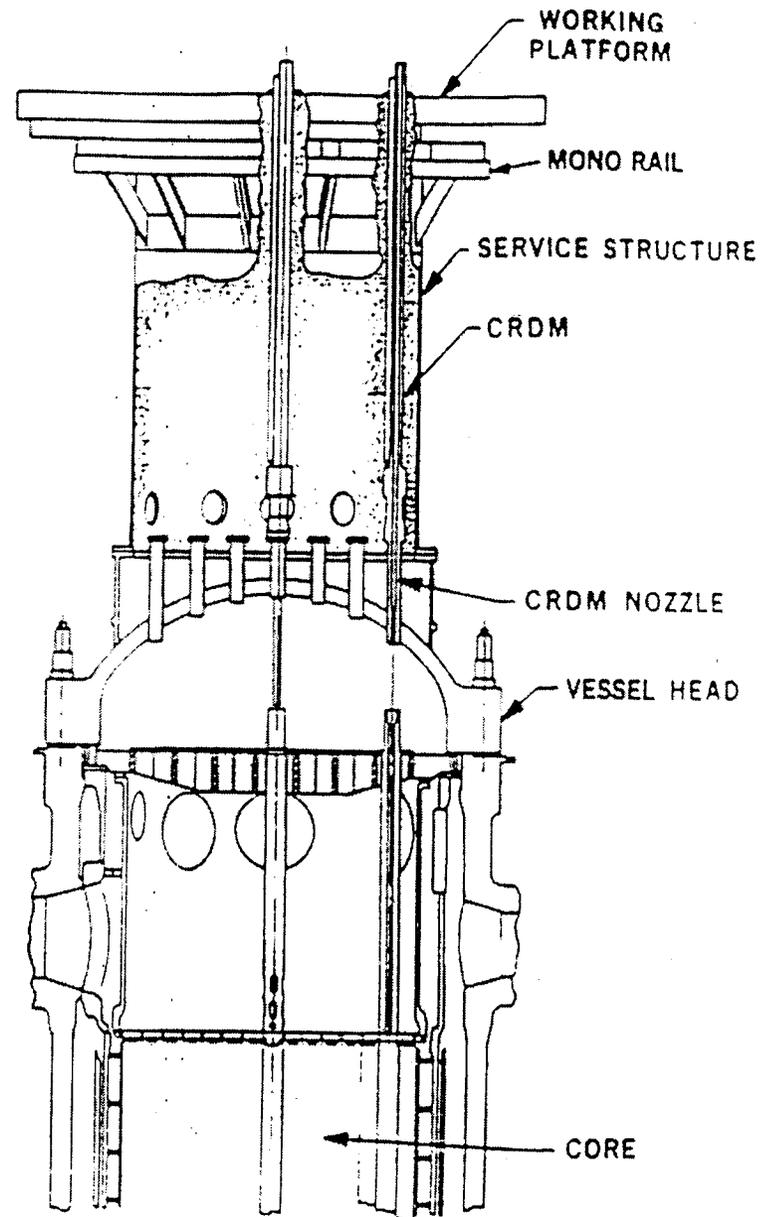
**Containment Extent
of Condition Plan**
Randy Fast

**Management and
Human Performance
Excellence Plan**
Dave Eshelman

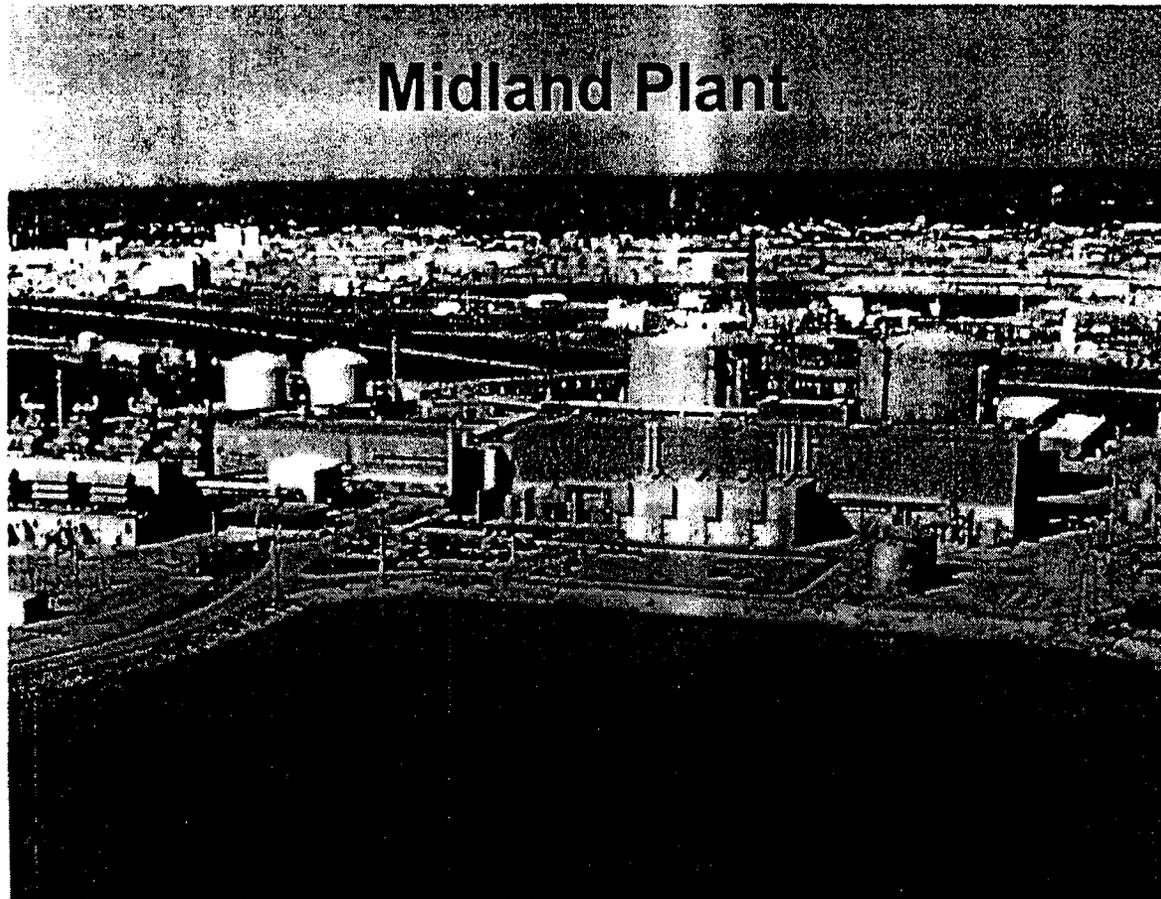
Reactor Head Resolution Plan

Bob Schrauder
Reactor Head Resolution
Oversight

Reactor Head Resolution Plan



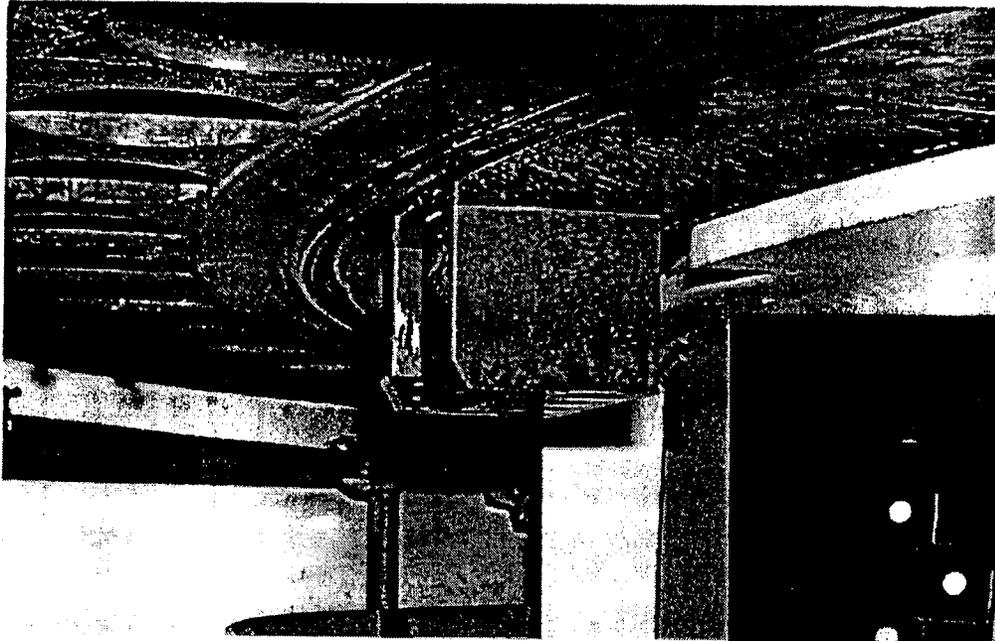
Reactor Head Resolution Plan



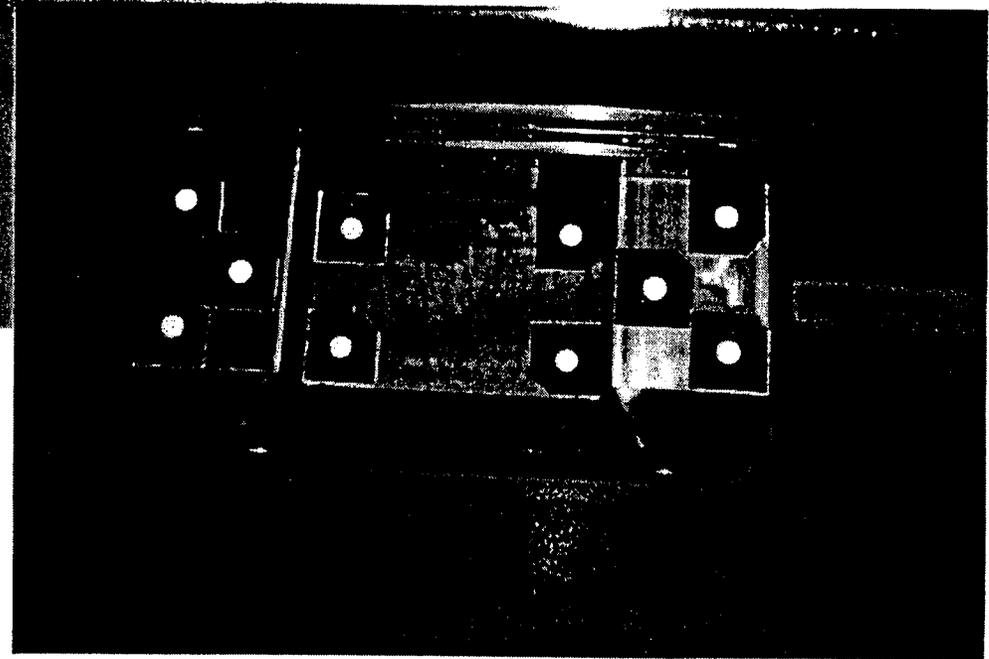
Reactor Head Resolution Plan

- *Replace existing reactor vessel head with the Midland head:*
 - *Unused head*
 - *Designed to same requirements as Davis-Besse*
 - *Built to same design codes with same materials*
 - *Temporary Containment opening is necessary*
 - *Completion expected 4th quarter 2002*

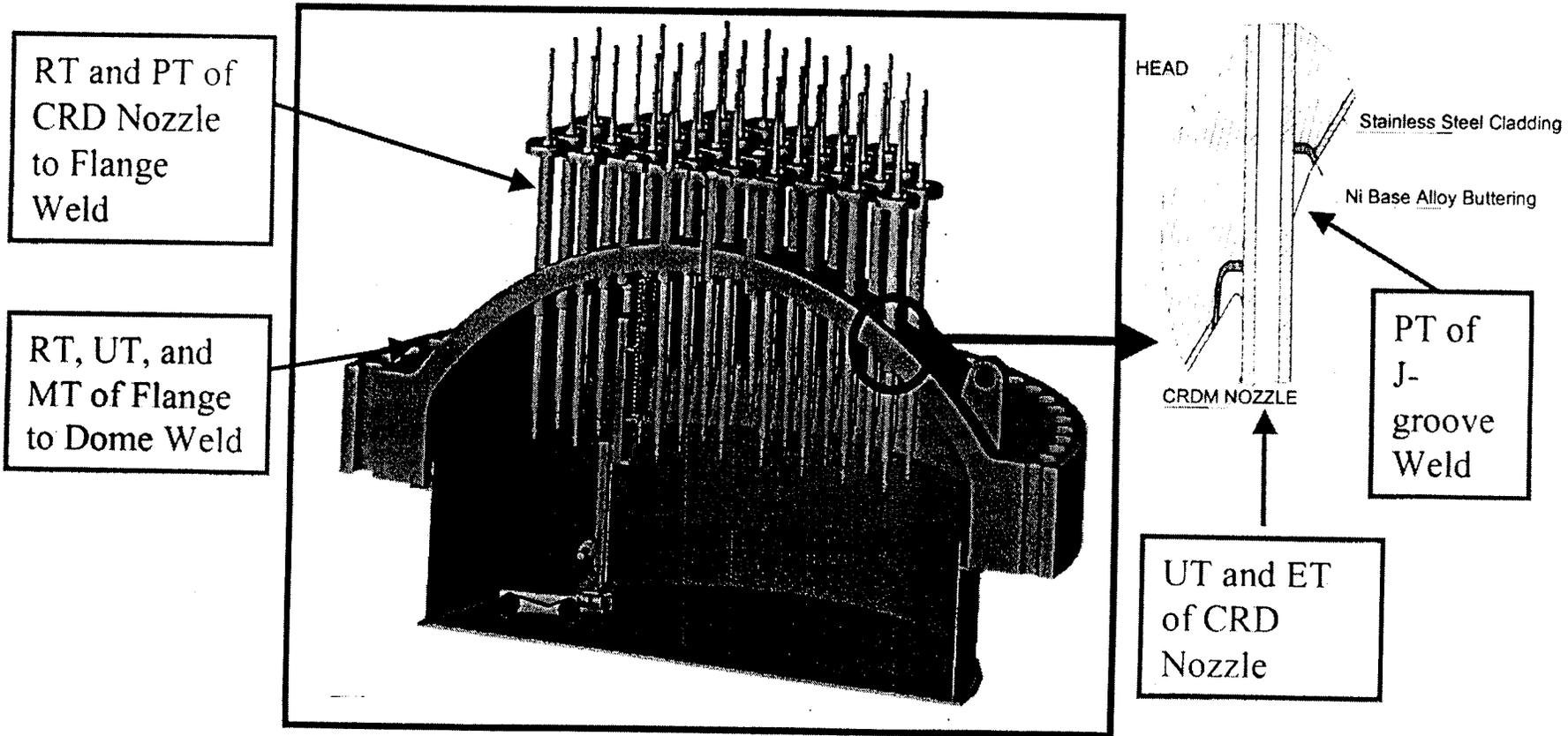
Reactor Head Resolution Plan



The
Keyway



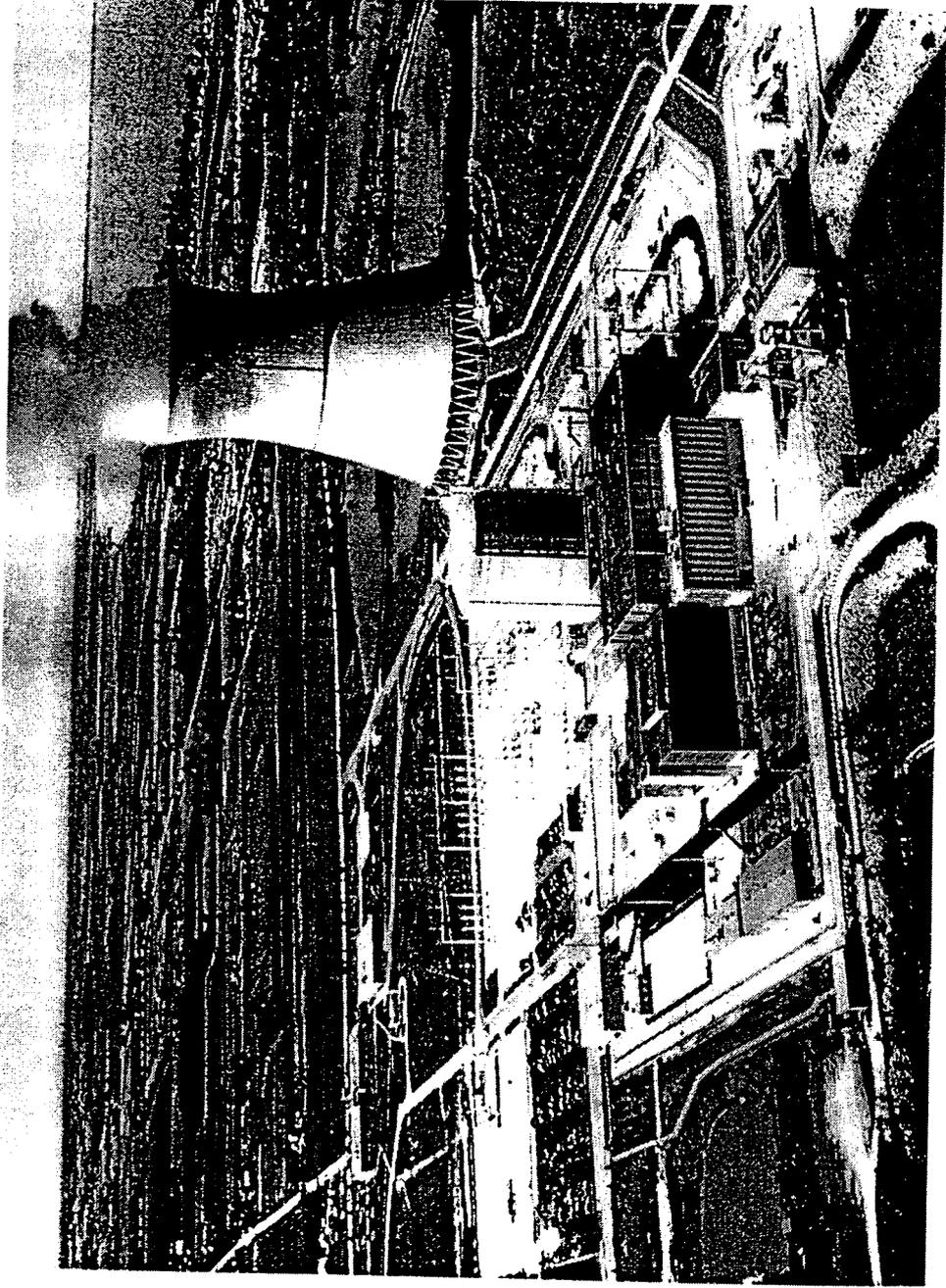
Reactor Head Resolution Plan



Containment Building Extent of Condition Plan

Randy Fast
Plant Manager

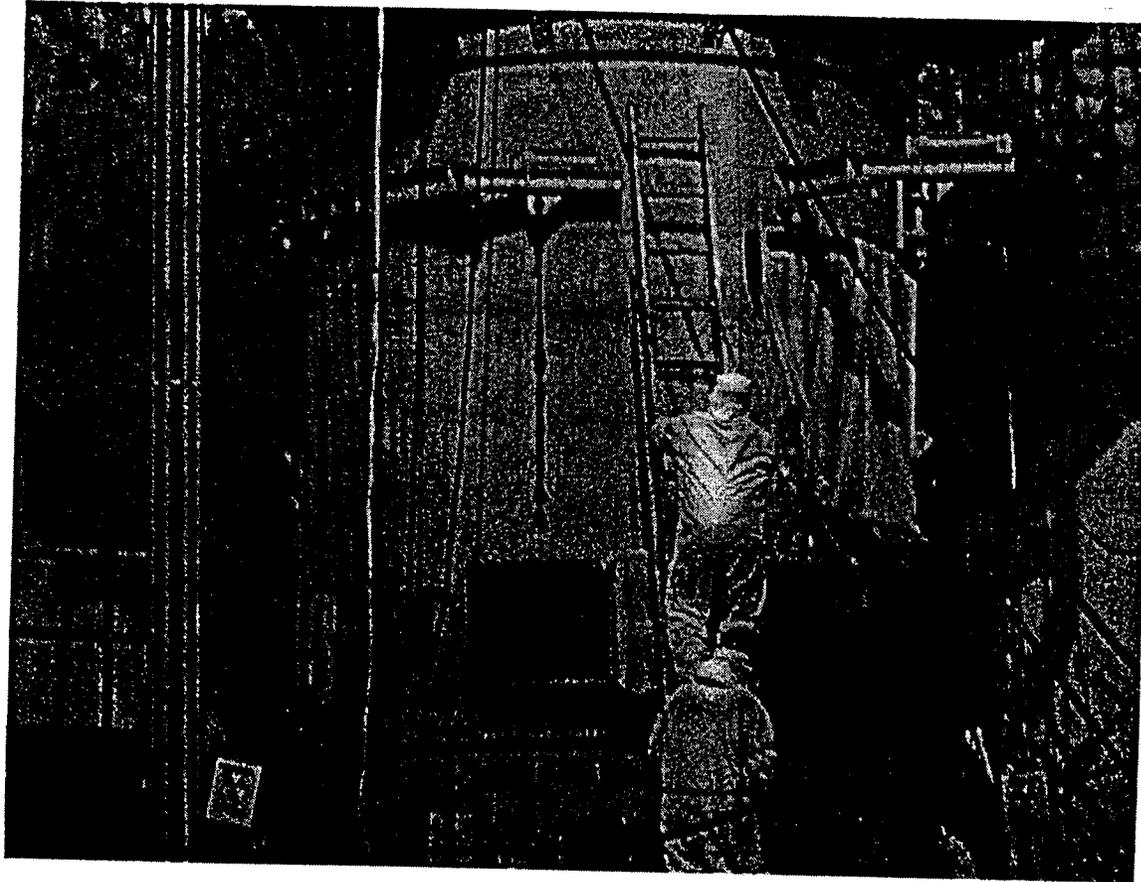
Containment Building Extent of Condition Plan



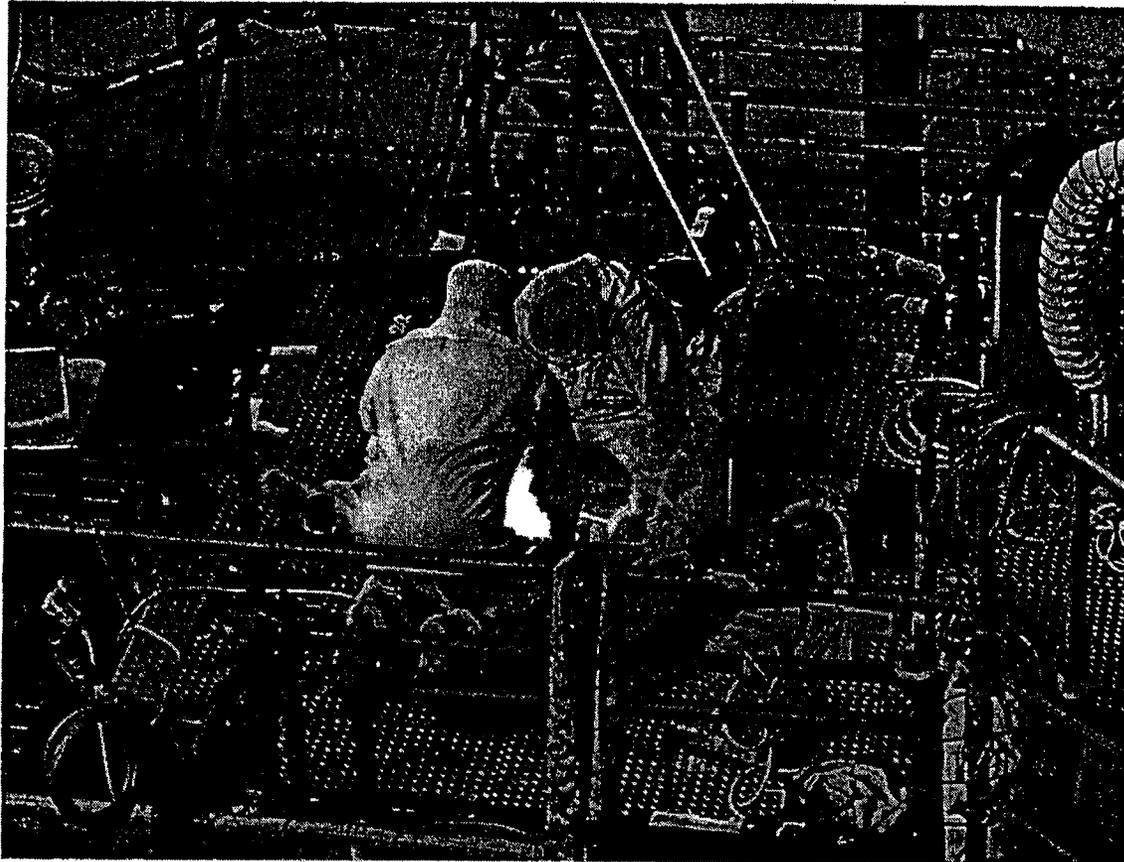
Containment Building Extent of Condition Plan

- *Field walkdowns performed by qualified (VT-2) personnel to identify:*
 - *boric acid degradation*
 - *other material conditions*
- *Scope includes:*
 - *Reactor Coolant System*
 - *Safety Related Structures, Systems and Components inside containment*

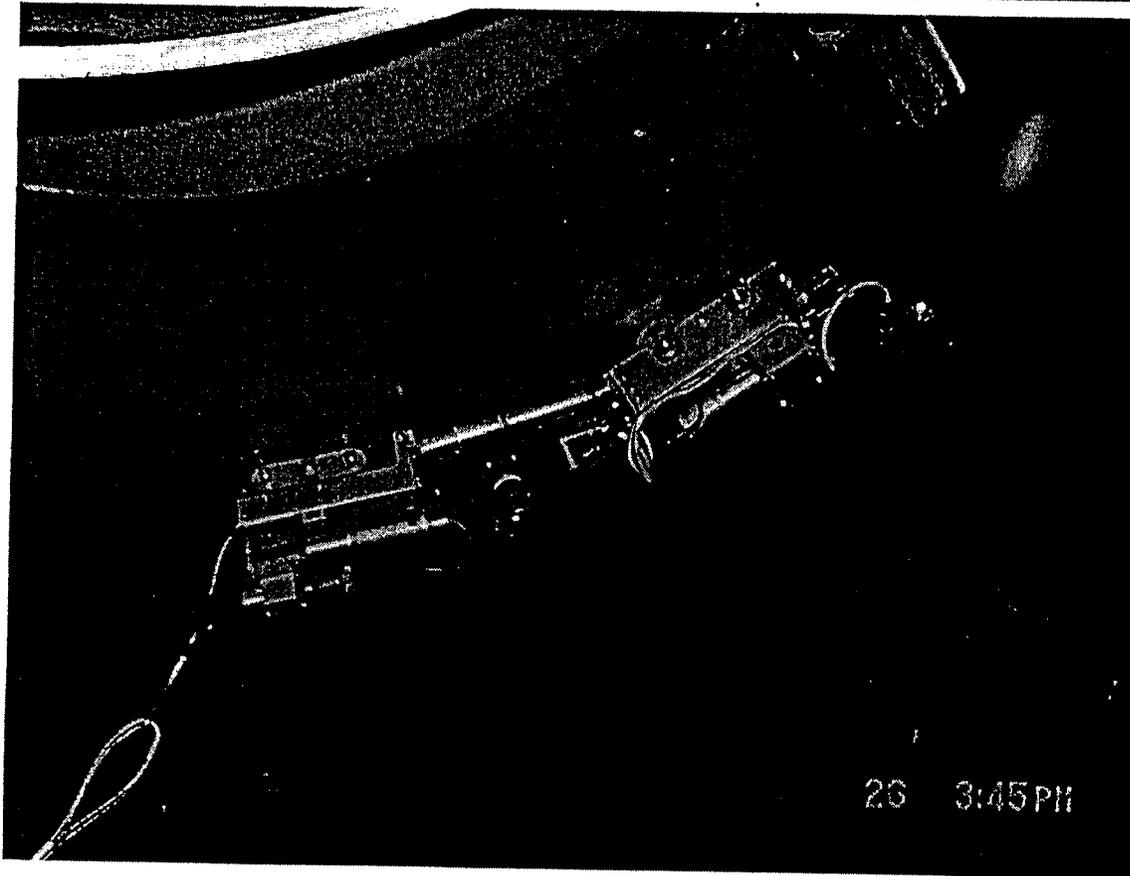
Containment Building Extent of Condition Plan



Containment Building Extent of Condition Plan

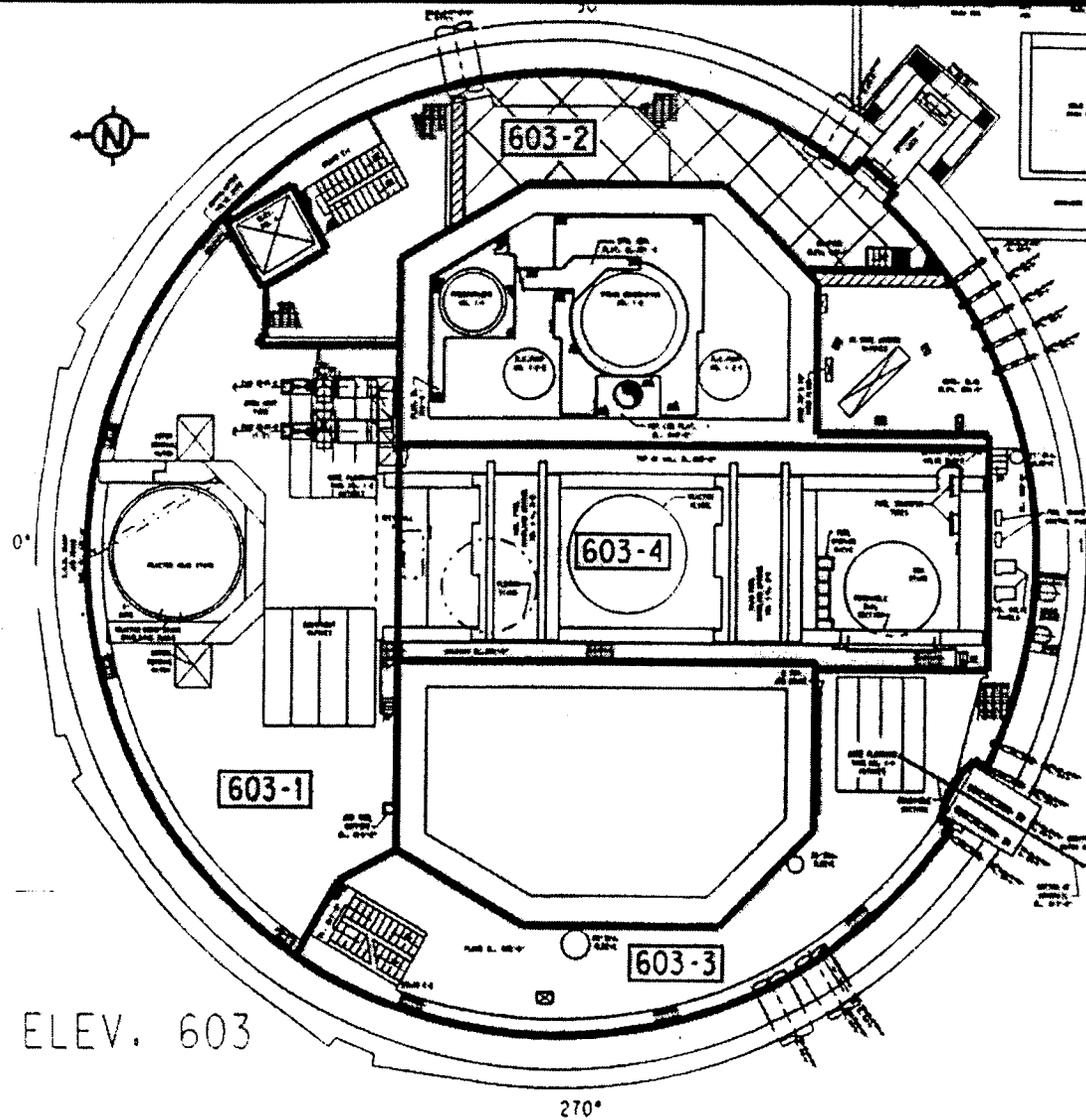


Containment Building Extent of Condition Plan



Magnetic Crawler

Containment Building Extent of Condition Plan



Program Technical Compliance Plan

Jim Powers
Director - Engineering

Program Technical Compliance Plan

- ***Systematic review of Plant Programs for ownership and industry standards of excellence:***
 - ***60 major programs to be evaluated prior to restart***
 - ***5 programs involved in head degradation to have detailed review***
(Boric Acid Corrosion Control, Inservice Inspection, Corrective Action, Operating Experience, Modification)

Program Technical Compliance Plan

- *Identify program documents and commitments*
- *Review implementing procedures*
- *Identify key interfaces*
- *Review known problems and resolutions*
- *Review industry requirements and industry experience*
- *Provide actions for program changes and upgrades*

System Health Assurance Plan

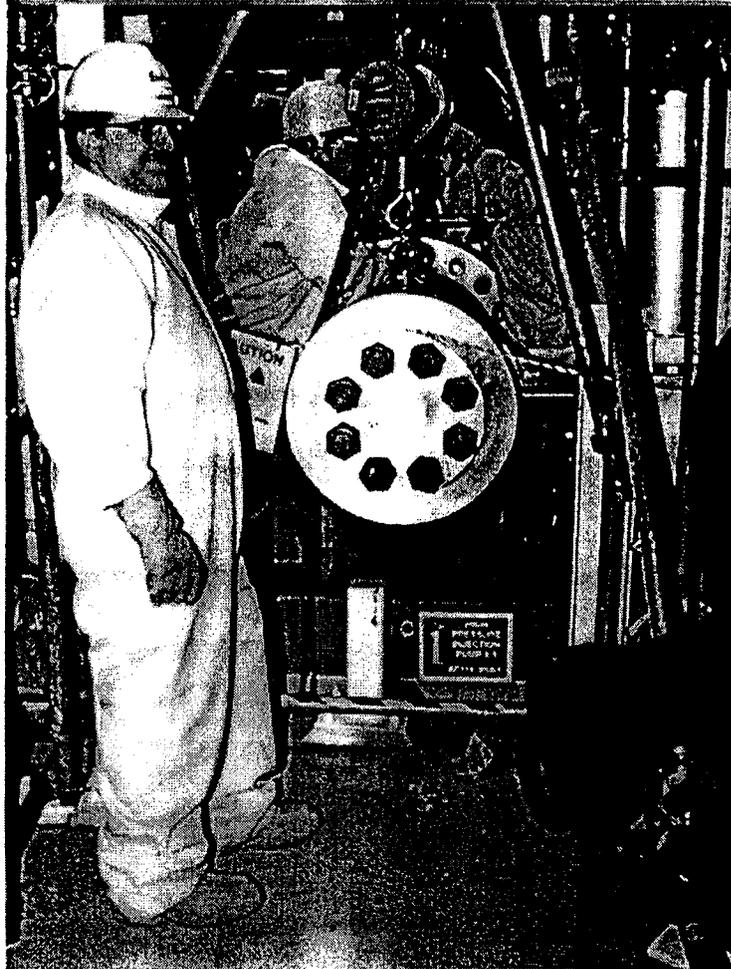
Jim Powers
Director - Engineering

System Health Assurance Plan

- *Phase I - Operational Readiness Review of safety and reliability systems*
- *Phase II - Comprehensive Review of 30 systems based on risk and performance*
- *Phase III - Latent Issues Review of 3 systems (Reactor Coolant, Emergency Diesel Generator, Auxiliary Feedwater)*

System Health Assurance Plan

High Pressure Injection Pump Replacement Project



System Health Assurance Plan

- ***Phase II - Comprehensive Review***
 - Look back 7 - 12 years
 - Modifications
 - Condition Reports
 - Industry and operating experience reports
 - Maintenance history
 - Includes system walkdowns

System Health Assurance Plan

- ***Phase III - Latent Issues Review***
 - ***To ensure selected systems are in compliance with design basis documents***
 - ***Identify design and functional requirements and confirm required functions are met***
 - ***Provide actions for system and documentation improvements***
 - ***Independently review results***
 - ***Completion prior to restart***

Restart and Post-Restart Test Plan

*Randy Fast
Plant Manager*

Restart and Post-Restart Test Plan

- ***Assess Reactor Coolant System Leakage Management Program***
 - *Identify industry best practices*
 - *Make program proactive and conservative*
 - *Develop leakage inspection plan for future outages*

Management and Human Performance Excellence Plan

Dave Eshelman
Director Support Services

Management and Human Performance Excellence Plan

- *Actions that must be addressed to enhance employee and public confidence*
- *Sponsored by Chief Operating Officer*
- *Actions to Strengthen Management - Complete*
- *Initial Root Cause - Complete*
- *Industry Review - Complete*
- *Management Root Cause - Discovery*

Management and Human Performance Excellence Plan

Our Conclusions:

“Management ineffectively implemented processes, and thus failed to detect and address plant problems as opportunities arose”

Management and Human Performance Excellence Plan

Four Key Focus Areas Identified:

- *Ownership*
- *Oversight*
- *Standards*
- *Decision-making*

Davis-Besse Restart Action Plan

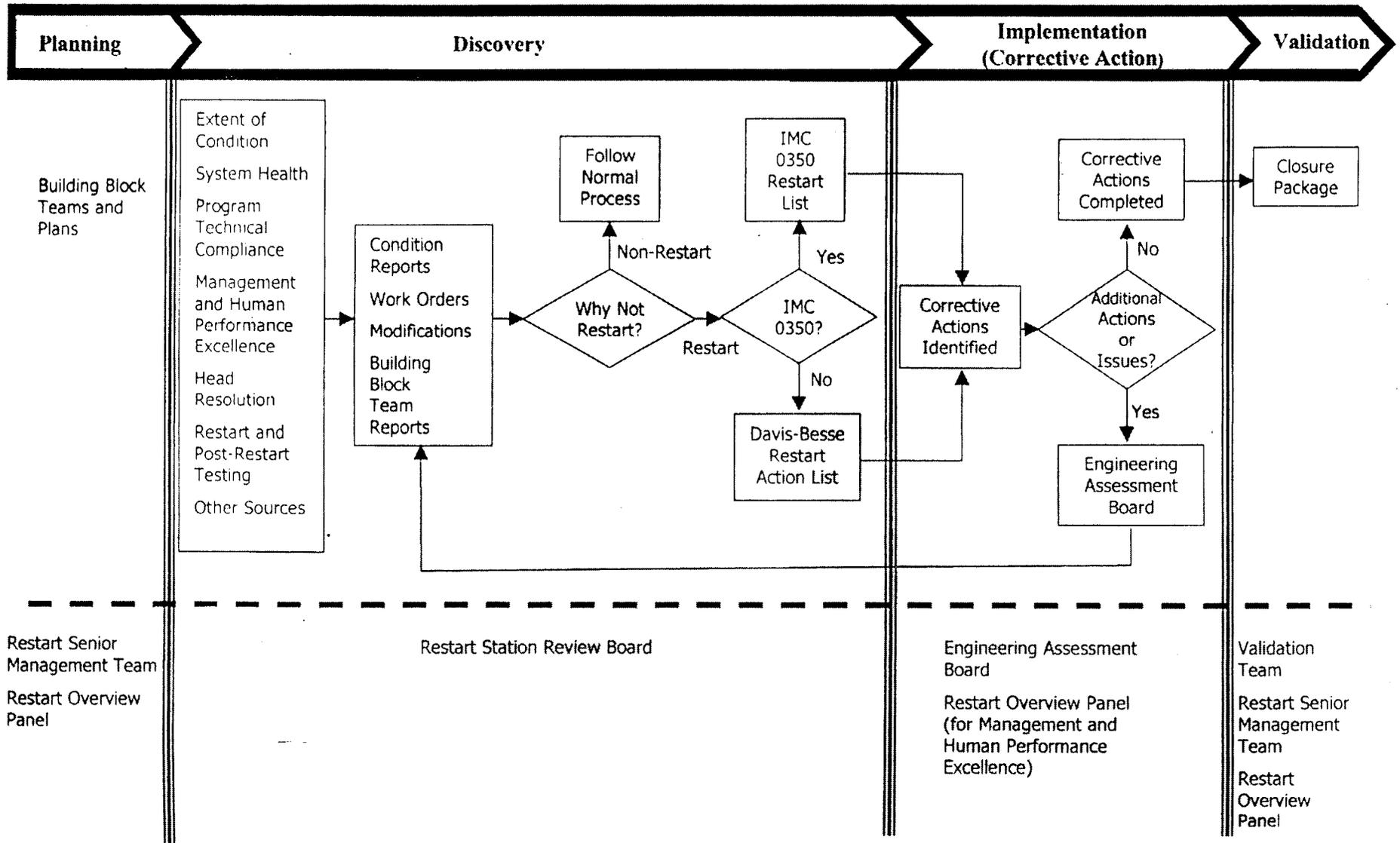
***Howard Bergendahl
Vice President - Nuclear***

Davis-Besse

Restart Action Plan

- *Create a Restart Overview Panel and Engineering Assurance Board*
- *Manage and control restart action items*
- *Coordinate IMC 0350 Restart Items with NRC*
- *Review and approve the closure of all restart items*

Davis-Besse Restart Action Plan



Conclusions

We are committed to a comprehensive approach to ensure Davis-Besse is ready for safe and reliable operation and improved performance.

Closing Remarks

Lew Myers
FENOC Chief Operating Officer

Today we hope to have demonstrated that our Management Team will take the actions needed to assess technical issues, ensure safe and reliable operations, improve employee trust, regain public and regulatory confidence.

