

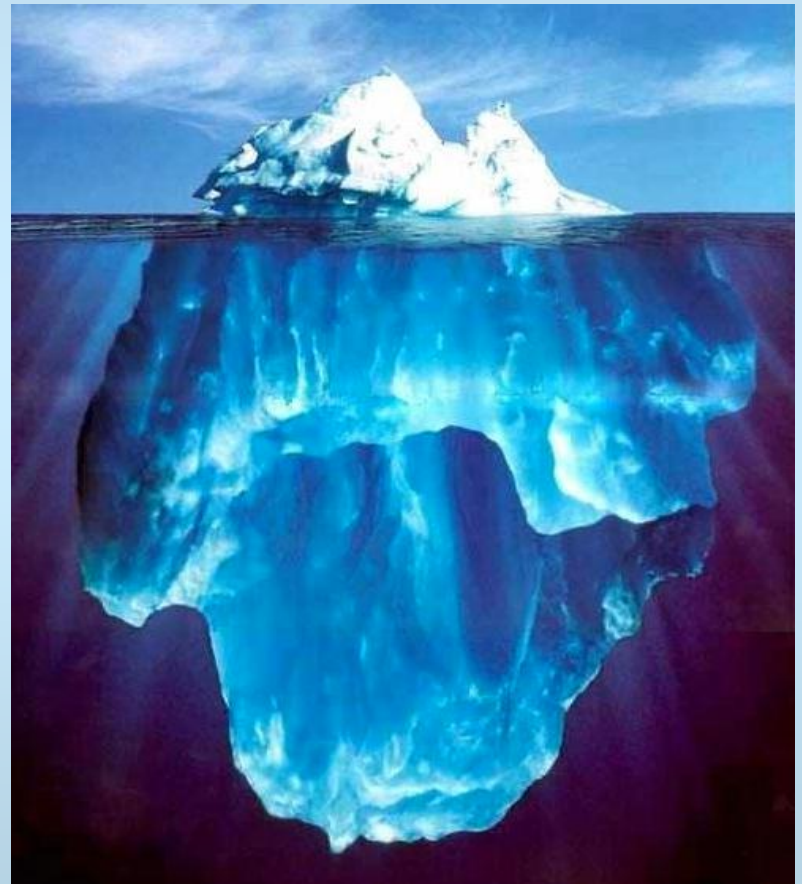


Corrective Action Program

Dave Lavigne

Corrective Action Program

- CER Statistics
- Management Initiatives
- Trending
- Recent Changes
- The Next Steps
- Conclusion



CER Statistics

(A Look at the Numbers)

	1999	2000	2001	2002	2003	2004
CERs Initiated	1527	1907	2431	3925	4526	4005
Average Per Day	4.2	5.2	6.7	10.8	12.4	10.9

NRC Problem Identification and Resolution Inspection (May 2004)

- One Green Finding
- One Licensee Identified Violation
- Several Observations were noted

Steam Propagation Barrier Door



Management Review Team (MRT)

Composed of GM's and Managers

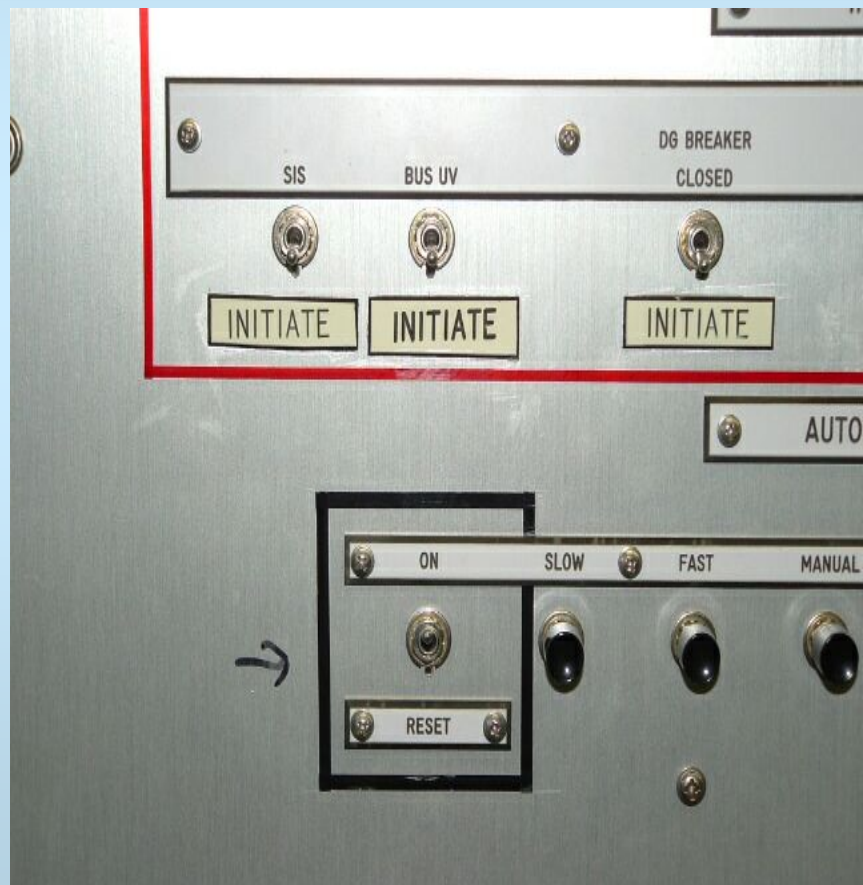
- Review Immediate Actions
- Determine Cause Category
- Verify Ownership
- Evaluate Repetitive Events
- Monitor Due Date Extensions

Corrective Action Review Board (CARB)

Improved Root Cause Analysis

- Pre-CARB
- Interim CARB
- SMART Actions

ESF Loading Sequencer Panel



Trending

- Performed Quarterly
- Results presented at VP Performance Indicator Meeting and NSRC
- Trend Examples:
 - Tagging Errors
 - Chemical Labeling
 - Work Execution Errors

Risk Insights

- CERs Reviewed by PRA group for Risk Significance
- Results reported in Quarterly Trend Report
- Presented at VP Performance Indicator Meeting and NSRC

Probabilistic Risk Assessment (PRA)

CER's divided into four analysis groups

- 1) Initiating Event Group
- 2) Mitigating System Group
- 3) Barriers to Human Performance
- 4) Fission Product Barrier Group

Probabilistic Risk Assessment (PRA)

•Initiating Event Group CERs

Item	CER #	DATE	•Description	PRA Significance	O.E.
1	3386	10/27/04	During the resetting of the A train loading sequencer after the completion of the maintenance run on A D/G the undervoltage test switch was inadvertently actuated.	Low	LER 425-95004
2	3767	12/4/2004	Diesel Driven IA compressor would not start on test run due to low batteries.	Low	None Found
3	3234	12/12/2004	An acrid smell was reported from the relay room which was followed shortly thereafter by numerous train B BISI alarms.	Low	None Found
4	3856	12/13/2004	'C' SW Pump breaker (XSW1EB 02) charging springs failed to charge.	Low	414-97003, 414-02006-1

Good Catch Program

- Excess play on blast door handle
- Maintenance 2nd verification qualification issue
- Work in two different protection cabinets
- Clearing of D/G engine cylinders of moisture (permitted by IN-97-16)
- OE Screening walk down identified trash barrel covering a floor sample grate

Station Human Performance Event Clock Resets

- Nine in 2003
- Five in 2004
- Curtailed event free run of 145 days in April 2004 based on adverse door trend

CAP Changes

- Added Levels to CER Actions.
 - Prioritize actions in five categories
 - Separates important actions such as CAPRs for increased management awareness
- Applied stricter controls to completion dates.

Next Steps

- Single, integrated program for Condition Reports and Work Orders.
- Increase ability to identify trends
- Provide Common report capabilities.
- Improve identification of timeliness issues.
- Integrate with budgeting and scheduling

Conclusion

Continuous improvement being
driven by Corrective Action Program

"An ounce of prevention is worth a pound of cure."

Benjamin Franklin



Questions?