

Continuing to Foster A Strong Safety Culture at Fuel Facilities

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February 9, 2012

SC is Necessary

- SC Concepts – Not New; Necessary Operational Element
- SC Responsibility – Everyone's; Management, Leadership and All Employees Have Critical Role
- SC Assessments – Respond to Internal & External Assessments; Continuous Learning by Facilities & NRC

SC in Place Today

- SC – Policies, Procedures & Training Programs in Place for Some Time; INPO Traits Were in Use
- SC Elements to Include for Example:
 - SCWE – stop work orders; pre-job briefings
 - ECP – reporting hotlines; issue tracking
 - CAP – problem evaluation reports; trending
 - HP– metrics; monitoring

SC Applied

- Mentor, Communicate, & Demonstrate Strong SC
- Observe Characteristics, Attitudes & Behaviors of Personnel
- Interview, Audit, & Assess SC
- Identify Early Indicators of Potential Problems, Trends & Corrective Actions;
- Monitor Corrective Action Effectiveness

Examples of Industry Actions

(before and after Final Policy)

- Dedicated SC Manager Position
- Revised SC Policy to Include NRC Traits
- Enhanced Concern Reporting & Tracking
- Targeted SCWE Training (e.g., Questioning Attitude, Safety Observations and Suggestions)
- Increased Checks and Balances
- Conducted SC Self Assessments with Continuous Improvement Actions (e.g., SCWE Surveys)

Continued NRC Role in SC

- *Current* NRC Oversight Process Demonstrated Appropriate to Assess SC
 - Deficient SC was Root or Contributing Cause of a Few Past Events
 - Continuous Learning & Applying Lessons-Learned by NRC & Industry
- *Improved* NRC Oversight Process Should Address SC

Acronyms

- CAP -- Corrective Action Program
- ECP -- Employee Concerns Program
- HP -- Human Performance
- INPO -- Institute for Nuclear Power Operations
- SC -- Safety Culture
- SCWE -- Safety Conscious Work Environment