

# **Continuing to Foster A Strong Safety Culture at Fuel Facilities**

Janet R. Schlueter

Nuclear Energy Institute

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# 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