



Proposed Safety Culture Policy Statement

January 24, 2011

Office of Enforcement
Office of Federal and State
Materials and Environmental
Management Programs

Agenda

- Opening: Bill Borchardt, OEDO
- Introduction: Andy Campbell, OE
- Overview: Dave Solorio, OE
- Safety Culture Policy Statement:
Diane Sieracki, OE
- Safety Culture in the Materials
Area: James Firth, FSME

Proposed Safety Culture Policy Statement (SCPS)

Diane Sieracki
Sr. Safety Culture
Program Manager, OE

Background and Outreach Activities

- Commission Direction
- November 2009 FRN
- February 2010 3-day workshop
- NRC staff presentations
- September 2010 FRN
- September 2010 public meeting

Discussion Items

- 2010 workshop definition and traits
- Treatment of security
- Inclusion of the traits in the Statement of Policy
- Policy vs. regulation

Discussion Items (cont.)

- Vendors and suppliers
- Diversity of regulated entities
- Results of INPO Validation Study
- Questioning Attitude trait
- Concerns with Next Steps

Proposed Final Draft Policy Statement

- Definition and traits
 - Included in the Statement of Policy
- Safety and security
- Preamble addresses “security”
- “Questioning Attitude” trait addresses complacency

Proposed Final Draft Policy Statement (cont.)

- Recognizes diversity of regulated entities
- Vendors and suppliers included
- Cautions stakeholders to consider negative factors (i.e., incentive goals, etc.)

Proposed Safety Culture Definition

Nuclear Safety Culture is the core values and behaviors resulting from a collective commitment by leaders and individuals to emphasize safety over competing goals to ensure protection of people and the environment.

Proposed Safety Culture Traits

- Leadership Safety Values and Actions
- Personal Accountability
- Work Processes
- Continuous Learning

Proposed Safety Culture Traits (cont.)

- Problem Identification and Resolution
- Environment for Raising Concerns
- Effective Safety Communication
- Respectful Work Environment
- Questioning Attitude

Tiers for Development and Implementation of SCPS

Tier 1 – Definition

Tier 2 – Descriptions/Traits

Tier 3 – Application/Industry-Specific

“Leadership” Trait

Example of Tier 3

- Management in the field ensuring standards are met
- Commitment to maintaining equipment
- Resolves conflict
- Actions match words

“Leadership” Trait

Example of Tier 3 (cont.)

- Positive reinforcement used to reinforce desired positive nuclear safety behaviors
- Respects differing opinions
- Schedules are realistic and do not challenge safety standards

SCPS Rollout (Projected)

- SCPS will provide a common language
- Outreach will continue
- Staff will continue working with licensees and Agreement States
- Staff will consider education and workshops

Increasing Attention to Safety Culture in the Materials Area

James Firth
Project Manager, FSME

Response to Commission Tracking

- Strategy and efforts to increase attention to SC (materials)
- Progress of materials licensees to address SC

Use of Stakeholder Involvement and Outreach

- Development of policy statement
- Common terminology

Efforts to Increase Attention

- Use of current approaches
- Guidance development
- Other opportunities

Progress of Materials Licensees

- Contributions of Agreement States
- Measures of progress
 - Engagement
 - Awareness

Closing Remarks

Dave Solorio
Branch Chief, OE

Key Messages

- Two year effort – extensive stakeholder outreach
- Workshop definition and traits are the first step in our ongoing efforts to develop/harmonize common language
- Stakeholders request involvement during rollout of the policy

Next Steps

- Commission Direction
 - Request approval to publish SCPS
- Implementation Phase
 - Stakeholder involvement with program offices for “Tier 3”
 - OE will support program offices during SCPS rollout

List of Acronyms

- ACMUI – Advisory Committee on the Medical Use of Isotopes
- ACRS – Advisory Committee on Reactor Safeguards
- FC – Fuel Cycle
- FRN – Federal Register Notice

List of Acronyms (cont.)

- IMC 0613 – Documenting 10CFR52 Construction and Test Inspections
- IMC 1246 – Formal Qualification Programs in NMSS Area
- IMC 2505 – Periodic Assessment of Construction Inspection Program Results

List of Acronyms (cont.)

- INPO – Institute of Nuclear Power Operations
- ISFSI – Independent Spent Fuel Storage Installation
- NUREG-1556 – Consolidated Guidance about Materials Licensees
- ROP – Reactor Oversight Process

List of Acronyms (cont.)

- RTR – Research and Test Reactor
- SC – Safety Culture
- SCPS – Safety Culture Policy Statement
- SECY – Synonymous with Commission Paper
- SRM – Staff Requirements Memorandum