NRC (Draft) SC Definition	February 2-4, 2010, SC Workshop Definition	February 2-4, 2010, SC Workshop Definition
Definition: Safety Culture: that assembly of characteristics, attitudes, and behaviors in organizations and individuals, which establishes that as an overriding priority, nuclear safety and security issues receive the attention warranted by their significance	**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.	**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.
NRC (Draft) SC Characteristics	**February 2-4, 2010, SC Workshop Traits**	**Revised Workshop Traits for Consideration**
Problem Identification and Evaluation The organization ensures that issues potentially impacting safety or security are promptly identified, fully evaluated, and promptly addressed and corrected commensurate with their significance.	**Problem Resolution and Metrics** The organization ensures that issues potentially impacting safety or security are promptly identified, fully evaluated, and promptly addressed and corrected commensurate with their significance.	**Problem Identification and Resolution** Issues potentially impacting safety or security are promptly identified, fully evaluated, and promptly addressed and corrected commensurate with their significance.
Work Practices Personnel demonstrate ownership for nuclear safety and security in their day-to-day activities.	**Personal Responsibilities and Attitudes** Everyone is personally responsible for nuclear safety.	**Personal Accountability** All individuals are personally responsible for safety and security
Work Planning and Control Process for planning and controlling work activities are implemented such that safety and security are maintained.	**Processes and Procedures** Processes for planning and controlling work activities are implemented such that safety is maintained.	**Work Process** The process of planning and controlling work activities is implemented so that safety and security are maintained
Continuous Learning Environment The organization maintains a continuous learning environment in which opportunities to improve safety and security are sought out and implemented.	**Continuous Learning** Organizational learning is embraced.	**Continuous Learning** Opportunities to learn about ways to ensure safety and security are sought out and implemented
Licensee Decision Making The organization's decisions ensure that safety and security are maintained.	**Leadership Safety Behaviors** Leaders demonstrate commitment to safety.	**Leadership Safety Values and Actions** Leaders demonstrate commitment to safety and security in their decisions and behaviors
Safety Conscious Work Environment The organization maintains a safety conscious work environment in which personnel feel free to raise safety and security concerns without fear of retaliation.	**Encouraging Report of Problems** The organization maintains a safety conscious work environment in which personnel feel free to raise concerns without fear of retaliation.	**Environment for Raising Concerns** A safety conscious work environment in which personnel feel free to raise safety and security concerns without fear of retaliation, intimidation, harassment or discrimination is maintained.
Accountability Roles, responsibilities, and authorities for safety and security are clearly defined and reinforced.	**Effective Safety Communication** Effective communication is essential to maintain focus on safety.	**Effective Safety Communication** Communications maintain a focus on safety and security
Resources The organization ensures that the personnel, equipment, tools, procedures, and other resources needed to ensure safety and security are available.	**Respectful Work Environment** Trust and respect permeate the organization.	**Respectful Work Environment** Trust and respect permeate the organization.

Comments:

Comment [mjk1]: This can be incorporated in the third tier (i.e., implementation).

Comment [MES2]: More robustly describes this process which includes identification as well as resolution. Metrics could be included in the third tier.

Comment [MES3]: The term "security" has been added wherever the term "safety" is used to reflect that the NRC has two strategic goals, i.e., the safe and the secure use and management of radioactive materials

Comment [MES4]: See comment MES4

Comment [mjk5]: This could be incorporated appropriately in the third tier.

Comment [MES6]: See comment MES4

Comment [MES7]: See comment MES4

Comment [MES8]: See comment MES4

Comment [mjk9]: This includes the SC policy statement of "Resources and Accountability" and could be incorporated in the third tier.

Comment [MES10]: More open ended, i.e., describes environment where not only problems but concerns can be raised. Also see comment MES12.

Comment [MES11]: See comment MES4

Comment [MES12]: This adds the language from the NRC definition of SCWE.

Comment [MES14]: See comment MES4

Comment [mjk13]: This could be addressed under "Personal Accountability" in the third tier.

Comment [mjk16]: This could be incorporated into the Environment for Raising Concerns in the third tier.

Comment [mjk17]: This could be incorporated into the Environment for Raising Concerns in the third tier.

Comment [MES18]: Should this be retained or is it adequate to consider it part of SCWE?

Comment [mjk15]: This could be addressed under "Work Process" in the third tier.

TIERS

Tier 1

Definition
Overarching definition that applies to all of the nuclear industry
- Easy to understand
- Timeless
- Inclusive

Tier 2

Description
Set of high level descriptions of what constitutes a strong safety culture
- Applies to everyone who engages in NRC licensed activities
- Speak to all levels of the organization

Current activities - define and describe

Tier 3

Application
Illustrates how the high level descriptions are translated to lower level descriptions that are implemented in different environments
- Describes programs, processes, procedures, practices, behaviors, etc.
- Details may vary depending on licensee type and environment (potential for different sets)

Next step – implementation

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