



Nuclear Regulatory Commission
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Safety Culture in the Power Reactor Industry

William E. Webster Jr.
Senior Vice President, Industry
Evaluations

INPO's Mission

- To promote the highest levels of safety and reliability – to promote excellence – in the operation of commercial nuclear power plants.



Current INPO Nuclear Safety Culture Principles

An organization's values and behaviors—modeled by its leaders and internalized by its members—that serve to make nuclear safety the overriding priority.

- Everyone is personally responsible
- Leaders demonstrate commitment
- Trust permeates the organization
- Decision-making reflects safety first
- Nuclear technology treated as special/unique
- Questioning attitude is cultivated
- Organizational learning is embraced
- Undergoes constant examination



Use of INPO Safety Culture Principles

INPO

- Evaluations
- Training
- Event Analysis
- Assistance

Industry:

- Reinforcement of standards/expectations
- Event investigations
- Periodic self assessments
- Performance reviews



Draft Safety Culture Policy Statement Comments

What should be strengthened:

- Focus on Nuclear Safety Culture needs to be preeminent
- Recognition that the primary responsibility for healthy safety culture resides with line leadership
- Common language within the power reactor industry is critical



Considerations Going Forward

- Develop a common language for underlying descriptive attributes
- Focus on nuclear safety - recognize similar values/behaviors apply to security, radiological safety and industrial safety
- Develop a standard methodology for assessing health of safety culture.
- Reinforce the responsibility for the licensee to foster and assess its safety culture



Final Thoughts

- Nuclear operating company leadership is responsible
- Constant reinforcement of nuclear safety culture leadership and individual behaviors is necessary
- Safety culture requires frequent evaluation
- Safety culture is a continuum – even the best plants work at it every day

