

RISK INFORMED
TECHNICAL
SPECIFICATIONS
SESSION W9

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STP's Technical Specification Vision

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Risk Informed Tech Specs Objectives

- Simplicity in content and format
- “Operator friendly”
- Clear and unambiguous wording
- Needs little, if any, interpretation
- Eliminate punitive actions that do not have solid risk informed technical basis
- Maintain key concepts of defense-in-depth and safety margins

Risk Informed Tech Specs Objectives

- Maintain key deterministic limits
- Complement the revised Reactor Oversight Process
- Resolve Maintenance Rule conflict
- Incorporate Configuration Risk Management to improve safety
- Capable of using current/future risk informed technologies

Risk Informed Tech Specs Evolution

- Don't piecemeal changes
- Emphasize safety significant functions (including instrumentation and support systems)
- Refine “operability” to be more consistent with “functionality”
- Use phased approach to evolve Tech Specs to a future vision

Risk Informed Tech Specs

Evolution - First Steps

- Maintain current Tech Spec formats, but
 - Incorporate Configuration Risk Management approaches for equipment within its scope into system specs (allowed outage times)
 - Use risk informed methods to ensure the scope of equipment within Tech Specs is safety significant (aka, Option 2)
- Prioritize and process current industry approaches toward key objectives

Risk Informed Tech Specs Evolution - Next Steps

- Change Tech Spec format and content
- Allow configuration risk management to control risk to approved thresholds
- Maintains safety limits and setpoints
- Everything else moved to owner controlled programs