

Thoughts and Insights Panel

**Bob Halstead
on behalf of the
State of Nevada
Agency for Nuclear Projects**

U.S. Nuclear Regulatory Commission
Spent Fuel Storage and Transportation
Licensing Process Conference
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Considerations

- Termination of Yucca Mountain
- Uncertain Future Role for DOE
- COMDEK-09-001 (120-300 Year Storage)
- PFS Proposed Storage Facility (Licensed)
- WIPP Transportation Program (Operating)
- NRC Package Performance Study (Status of NRC Cask Testing Decisions?)
- Transportation Safeguards (PRM 73-10)
- Storage Safeguards (SRM-SECY-07-0148)

System Assumptions and External Influences

- Geologic repository (not Yucca Mountain)
- No commercial reprocessing next 50 years
- New dry storage systems dual-purpose
- NRC regulates storage, transport & disposal
- Increased NRC role in transportation
- Non-nuclear accidents and incidents impact perception of nuclear safety
- A nuclear accident or incident anywhere impacts nuclear operations everywhere

Critical Issues for Integrated Licensing & Extended Storage

- Stakeholder involvement – host communities, states & tribes, SRGs
- NEPA review of extended storage impacts
- Monitoring of storage system performance
- Full-scale testing of transportation casks
- Coordinated safety & security regulation
- Potential geologic disposal of DP canisters
- Potential future reprocessing decisions
- NRC Staff role in facility licensing proceedings