

# RIC 2005

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## Session T-B1

# Spent Fuel Management

Status of NRC's Regulatory Program  
for a Potential Geologic Repository

**Jack R. Strosnider, Director**  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
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# What is NRC's Role at Yucca Mountain?

- Review the license application, including repository safety
- Decide whether it is practicable to adopt DOE's environmental impact statement
- Set regulations that are consistent with the Environmental Protection Agency standards for Yucca Mountain
- Conduct public pre-licensing interactions
- Ensure openness and that stakeholders are appropriately informed and involved in the regulatory process

# Key Milestones

- Certification of licensing support network
- Receipt of license application
- Acceptance review
- Staff technical review
- Decision on construction authorization
- Licensing decision to receive and possess waste
- Decision on amendments to close repository
- Decision to terminate license

# Current NRC Activities

- Monitor DOE program and conduct public meetings with DOE to address regulatory issues
- Develop inspection program and enforcement policy
- Ensure staff readiness for license application review and inspections
- Ensure operability of Licensing Support Network to support licensing process

# Safety Review

- Key findings to be made
- Risk informed independent evaluations
- NRC technical staff supported by Center for Nuclear Waste Regulatory Analyses

# A Fair Review

- Open process that keeps stakeholders appropriately informed and involved in the regulatory process.
- Licensing support network makes safety information widely available to support the licensing process.
- Process includes a formal public hearing that will follow well-established regulations to ensure an open objective decision.

# Transport of Spent Fuel to Yucca Mountain

- NRC to review transportation package designs as required by the NWPA
- As part of its license application review, NRC will review DOE's Final Environmental Impact Statement and analyses regarding DOE's decision on routes, modes and number of shipments

# Summary

- NRC will review all information objectively based on the facts, make transparent decisions, and maintain an open process
- Formal hearing will follow well-established regulations to ensure an open, objective decision

# Questions ?