

NEI Used Fuel Transportation Table Top Exercise

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The Industry Approach

Used Fuel Transportation Task Force Vision

“Prepare industry to transport used nuclear fuel from reactor locations to consolidated interim storage by 2023.”

NEI Used Fuel Transportation Table Top Exercise



- Industry objectives included demonstrate proficiency, address stakeholder questions, highlight safe history and identify opportunities to improve
- Focused on replicating communication, planning and decision processes and highlighting capabilities
- Assumed private shipment model-no DOE involvement

Key Take-Aways

- Private shipment model new concept
- Early planning is necessary
- Relationships and communication with all stakeholders will be the key to our shared success
- The Table Top is the beginning of a comprehensive dialog with principal parties and all stakeholders

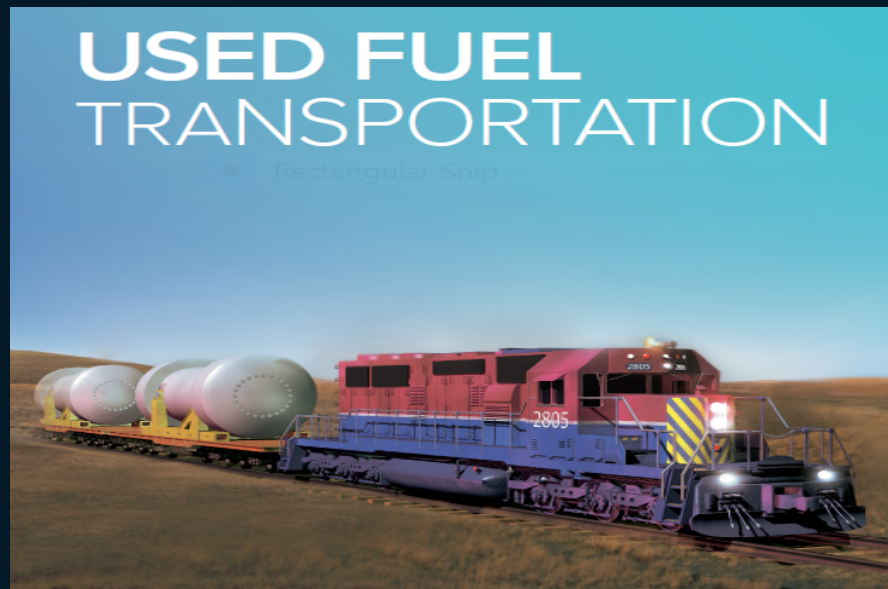
Next Steps

- How do we continue the dialog?
 - NEI Used Fuel Transportation and Consolidated Interim Storage Task Force
 - Table Top Exercise Lessons Learned Webinar
 - Table Top Video
 - The Council of State Governments, Midwestern Office Table Top Exercise

NEI Used Fuel Transportation Table Top Exercise Video



[Take a look at the video here](#)



Lessons Learned: How Did We Do?

- Show key steps needed to safely and efficiently transport used fuel from a nuclear power reactor site to a CISF
- Enhance leadership and coordination by promoting relationships, fostering communications and information sharing among used fuel stakeholders
- Demonstrate inherent safety and security assured through regulatory compliance, and improve regulatory efficiency
- Discuss contingency/emergency plans and responses that could be implemented if needed

Council of State Governments, Midwestern Office



- Point of origin: Big Rock Point
- Bi-modal: Short heavy-haul truck to rail
- Scope: Fuel presented for commercial shipment to departure point from midwestern states region
- DOE Model: Compare & Contrast w/ Private Model
- Planning Process: Where do states fit in the relationship between DOE, NRC and licensee?
- Would maintain forward momentum of tabletop

Used Fuel Transportation Table Top Exercise Conclusions

- Used fuel will be transported with or without DOE involvement
- Transportation processes and track record demonstrate inherent safety
- Regulatory framework in place
- Tools and technology available and ready
- Trust-based relationships between stakeholders-critical!
- Community outreach and education-essential!
- Holistic view of decommissioned end state is a key driver to transport used fuel