

**State of Nevada
Agency for Nuclear Projects
Nuclear Waste Project Office**

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presentation before

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WIPP TRANSPORTATION LESSONS LEARNED

1. EARLY IDENTIFICATION AND INVOLVEMENT OF CORRIDOR STATES IS ESSENTIAL
2. KEY TRANSPORTATION PLANNING ASSUMPTIONS ARE LIKELY TO CHANGE DURING PROJECT
3. PROBABILISTIC RISK ASSESSMENT IS OF LIMITED USE IN HIGHWAY ROUTE DESIGNATION
4. FULL SCALE SHIPPING CASK PROTOTYPES SHOULD BE TESTED PRIOR TO NRC CERTIFICATION
5. NRC SHOULD INSPECT SHIPPING CASKS DURING FABRICATION AND ASSEMBLY

WIPP TRANSPORTATION LESSONS TO BE LEARNED

1. ACCIDENT FREQUENCY AND SEVERITY (AND EMERGENCY RESPONSE)
2. HUMAN FACTORS IN WASTE CLASSIFICATION, LOADING, INSPECTION, TRANSPORT, AND UNLOADING
3. INSPECTION RESULTS
4. ROUTE DEVIATIONS
5. WEATHER DELAYS
6. TRANSCOM PERFORMANCE
7. MAINTENANCE REQUIREMENTS
8. SYSTEM SAFETY ANALYSIS BASED ON PROJECTIONS AND DATA COLLECTED DURING OPERATIONS