



WASTE ACCEPTANCE ISSUES

Eileen M. Supko

Energy Resources International, Inc.

Presented to:

U.S. Transport Council

Joint Capital Hill Yucca Mountain Summit III

October 5-6, 2005

Overview

- Standard Contract for Disposal of Spent Nuclear Fuel and/or High Level Radioactive Waste (10 CFR 961)
- Waste Acceptance Issues

Standard Contract

- Standard Contract was published in the FR in April 1983. It includes:
 - “Purchaser” responsibilities
 - DOE responsibilities
 - Process for delivery of SNF and HLW
 - Criteria for waste acceptance

Waste Acceptance Issues

- Acceptance of other than “Standard Fuel”
 - Dual purpose canisters
 - Dual purpose casks
 - Consolidated fuel
 - “Failed fuel” – consistency with NRC’s definition of “damaged” fuel

Waste Acceptance Issues

- Shipment mode selection by Purchasers – interface with DOE transportation planning
- Spent fuel verification requirements
 - Records verification
 - Item verification
 - Visual inspection

Waste Acceptance Issues

- Scheduling
 - Delivery Commitment Schedule – Appendix C
 - Final Delivery Schedule – Appendix D
 - Detailed Description of Purchaser's Fuel – Appendix F
- Campaigns?