



# **ENERGYSOLUTIONS**

## **Lessons Learned in Waste Management**



**Waste Management '07  
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## LLW/LLMW

- Use of a Performance Assessment driven approach to disposal
- Re-characterize legacy wastes and challenge Hazardous Waste codes
- Use of field assay equipment for re-categorization of wastes



# TRU Waste – Maximize Utilization of WIPP Disposal Volume

- Utilize 14-Pack shipping configuration where possible
- Avoid Load Management – utilize alternative disposal routes for LLW and LLMW
- Produce DOT 7A compliant drums from Remediation operations
- If TDOPs used, then ship with SWBs, for stacking in WIPP



# TRU Waste - Remediation

- Ensure AB is flexible, to allow for unexpected discoveries during remediation activities
- Optimize containment for “production line” approach to remediation
- Involvement of the workforce in selection of gloves (safety and ergonomics)
- Use of multiple Remediation Lines to minimize down time
- Set up to allow for Remediation and Visual Examination



# TRU Waste – Consistent approach to AB

- Standardization of accident models (release fractions, damage ratios, consequences etc)
- Standardization of control sets (stand off areas etc)
- Standardization of NPH scenarios
- Consensus on hazardous H<sub>2</sub> concentration (>8%)
- Leads to time and cost savings