

# Used Fuel Disposition Campaign

## Disposal Research New Activities Update

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**Used Fuel Disposition and Waste Form  
Campaigns Joint Working Group Meeting**  
**Las Vegas, Nevada**  
**May 15, 2012**

■ **Research, Development, and Demonstration Plan for Deep Borehole Disposal of Nuclear Waste (\$400K)**

- Annotated outline of plan submitted to UFD NTD, M2 draft plan due 08/31/2012
- Team members include SNL, LLNL, DOSECC

■ **UFD Siting Experience Database (\$500K pending)**

- Database of documentation produced by efforts to site nuclear waste facilities, both in the United States and abroad
- M3 report describing content and use of database, and a summary of siting efforts for nuclear waste facilities (01/31/13)

■ **Salt Disposal R&D (4,410K funding pending)**

- Investigate mechanical, hydrological, and chemical behavior of salt at elevated temperatures consistent with disposal of used nuclear fuel and high-level radioactive waste
- Activities include
  - *Existing Salt Data Compilation and Assessment* - (M2 Report)
  - *Test Planning for Re-Entry Into the North Experimental Area of WIPP*
  - *Laboratory Studies*
  - *Modeling Studies Related to Salt* – (M2 Report)
  - *International Collaboration*
  - *Salt Instrumentation Development and Test Methodologies*
- Lab team members include SNL, LANL, LBNL