Interface Between YM Surface Facilities and National Transportation System

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OCRWM Projects

- The OCRWM projects will provide a complete system for transporting and disposing of spent nuclear fuel and high-level radioactive waste...
  - Yucca Mountain Project
  - National Transportation Project
  - Nevada Transportation Project

- Although each project will be managed separately, the interface and linkage between each of its projects are critical to ensuring OCRWM’s success in meeting its mission objective
Key Programmatic Interfaces

Office of Civilian Radioactive Waste Management

Waste Acceptance
- Standard Contract
  - Disposal allocations
  - Waste Specifications
  - Waste Acceptance
  - Roles & Responsibilities
- Waste Generators (Utilities/DOE)
  - Facility interfaces
  - Site limitations
  - Service needs
  - Mode preference
  - Waste data
  - Schedules

Transportation
- Fleet Acquisition
  - Cask Fleet
  - Rolling Stock
- Stakeholder Interactions
- Nevada Infrastructure
- Fleet Management Facility
- Operations Planning

Repository
- Cask Receiving
  - Cask System Envelopes
  - Handling interfaces
  - Operating requirements
  - Vehicle interfaces
  - FMF Interfacing
- Fuel & Canister Handling
  - Operating requirements
  - Handling interfaces
  - Canister interfaces
  - Contents descriptions
  - FMF interfacing

Waste Acceptance Standard Contract

Waste Acceptance Standard Contract
Yucca Mountain - Transportation Interface Activities

- Waste Integration Meetings (Bi-weekly)
- Integrated Project Teams (IPT) for all Acquisition Activities
- Internal Interface Meetings
  - Cask & Surface Facility Interface Meeting held December 9, 2003
- Fleet Management Facility Operational Interface Meetings
- Weekly Management Review Meetings
Integrated Project Teams

- Per DOE Order 413.3-1, Project Management requirements establishes a systematic process that incorporates a cycle of reviews and comments by the IPT members.

- IPT membership includes representatives from all business and technical disciplines, such as legal, financial, contracting, safety, environmental health, and others, necessary for successful execution of the project.
  - RW-30 ONT (Project Coordination)
  - EM (Coordination of DOE Site and Waste Information, Characterization and Form)
  - EH (NEPA Policy and Compliance)
  - YM Projects (Surface facility cask handling and unloading interfaces)
  - NR-1 (Coordination of Naval Reactors cask handling interfaces)
  - NV Rail Project
  - ME (Coordination of Acquisition Planning and Budget Analysis)
  - GC (General Counsel)
Key Functional and Technical Interface Data

- Cask System Envelopes: approved contents, dimensions, weights
- Cask & Vehicle Handling interfaces
- Shipper / Receiver Facility operating requirements
- Nevada transportation interface with repository
- FMF interfacing & storage requirements
- Canister interfaces (Commercial & DOE SNF/HLW)
- Waste Characterization data (Commercial & DOE SNF/HLW)