OPERATIONAL CONCEPT FOR THE CRWMS TRANSPORTATION SYSTEM

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Purpose

To describe how the CRWMS Transportation System will function when full operations commence



Assumptions

- SNF will be loaded into MPCs to the maximum extent possible and transported in MPC transportation casks
- Rail will be the primary mode of transport
- Truck shipments will be used when alternatives are not available
- Annual allocations of SNF deliveries from utilities are predetermined based on oldest fuel first



Transportation Interfaces within CRWMS

i orithino muoto cupuolty	WASTE ACCEPTANCE	TRANSPORT- ATION	FEDERAL SITE
Accept title	 CRWMS waste capacity and locations Verify the waste has been properly described Manage the contract/ agreement process Verify the waste is in the proper form at the sites for transport 		 Transportation casks Provide for temporary or long term storage



Primary Operational Components of the CRWMS Transportation System

- Operational Planning
- Site/Facility Operations
- Transport Operations
- Support Operations



Operational Planning

Key Terms

- Annual Capacity Report Lists the annual delivery allocations for each utility based on the acceptance rate for each year
- Delivery Commitment Schedule A statement from a utility of its intent to deliver SNF based on their annual allocation
- Final Delivery Schedule Once approved, a formal requirement to transport a specified amount of SNF from a designated utility storage site during a specific year

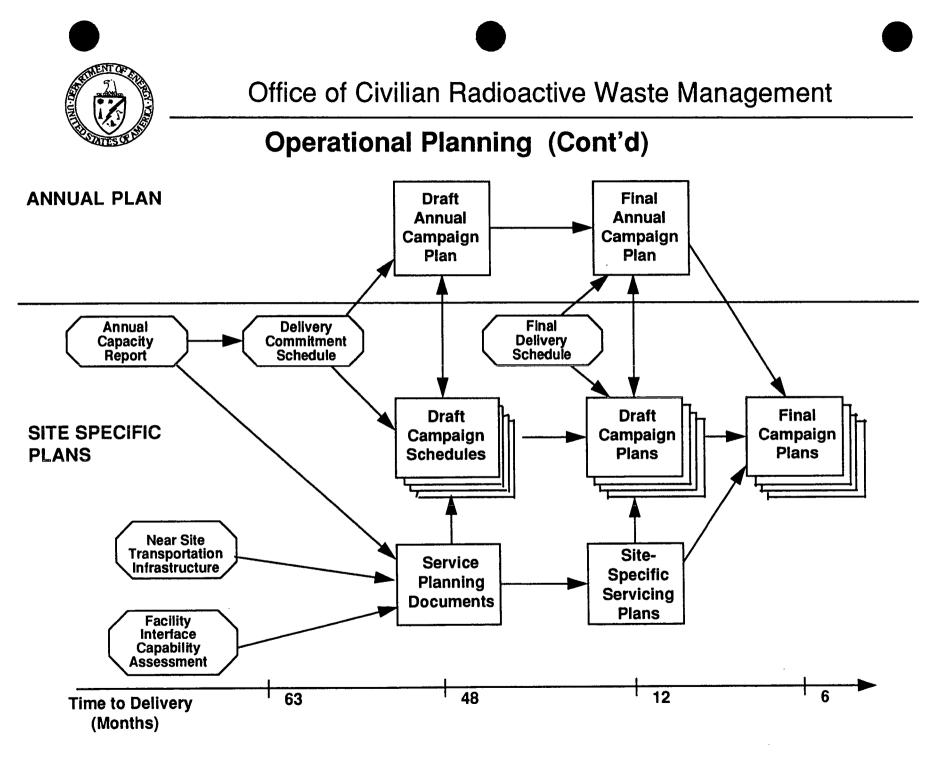




Operational Planning (Cont'd)

Key Planning Documents

- Campaign Plan A detailed plan that covers all aspects of SNF shipments from a specific utility storage site during a one year period
- Annual Campaign Plan A detailed schedule that integrates the schedules of individual site campaign plans for a one year period
- Site-Specific Servicing Plan A detailed set of data that describes the physical characteristics and other important planning information for a specific utility storage site



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Site/Facility Operations

- MPCs, casks, and supporting equipment will be provided by CRWMS to utilities
- Utilities are responsible for loading MPCs and MPC transportation casks or truck casks
- CRWMS will provide equipment training and technical support to utilities



Transport Operations

- Transport of the SNF casks from utility sites provided by CRWMS in coordination with utilities
- Routes from utility sites to CRWMS storage facility established in accordance with approved routing policy
- Specific rail services predetermined in service contracts
- Legal-weight truck transport used for specific utilities with crane or other limitations restricting the use of rail casks



Transport Operations (Cont'd)

- Intermodal Transfer Barge and heavy haul operations utilized to facilitate use of rail when required
- Transportation Operations Center Focal point
 for control of transportation operations
 - Continuous shipment tracking
 - Coordination with other emergency operations centers
 - Communication with transport providers
 - Communication with other components of CRWMS
 - Focal point for emergency coordination



Support Operations

- Inventory Management
- Maintenance Management
- Campaign Analysis
- Contingency Planning