



Office of National Transportation Update

Presented to:

Nuclear Waste Technical Review Board

Presented by:

Gary Lanthrum, Director Office of National Transportation

May 18, 2004 Washington, DC

Completed Milestones

- Created a project management focus for the Office of National Transportation
 - Develop Project Logic, and Assign Project Managers
- Develop FY 04 transportation scope based on available budget
- Issue the Transportation Strategic Plan
- Begin working with State Regional Groups on substantive issues
- ☑ Begin building the infrastructure required to begin shipments in 2010
- Announce a record of decision (ROD) on the selection of mode and corridor
- Issue notice of intent to prepare an Environmental Impact Statement (EIS) on the rail alignment and begin scoping meetings to solicit public comment





Transportation Next Steps

Where we are going

- Major milestones have been identified
- These will lead to detailed project plans with cost, schedule and technical baselines
- Requesting Project Execution Approval for Casks, Rolling Stock, FMF and Nevada Rail
- Cask and rolling stock requirements activities began this year
- Development of the Environmental Impact Statement (EIS) for rail alignment has begun
- We are increasing the focus of institutional collaboration on specific transportation system projects





Transportation Organized to Focus on Project Management

- Fleet Acquisition Project Define acquisition approach and needs for cask systems, rolling stock, and auxiliary equipment, and facilities to provide operations and maintenance support
- Operational Infrastructure Project Define, develop, implement, and demonstrate the operational infrastructure needed to support waste transportation and fleet maintenance
- Institutional Project Work collaboratively with stakeholders to develop the transportation system
- Nevada Transportation Project Develop the rail infrastructure required in Nevada





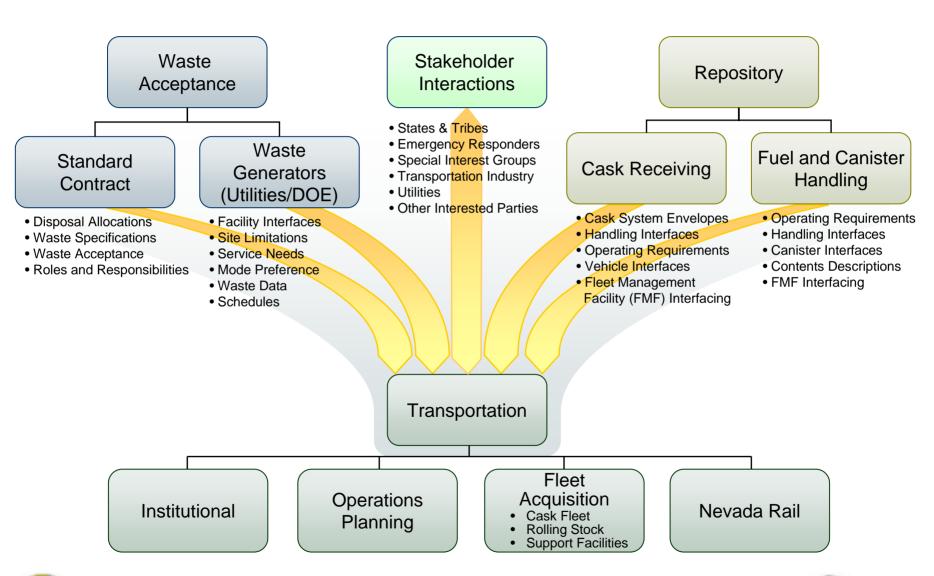
Recent Milestones/Key Decisions

- 12/03 -- DOE announced a corridor preference for the Caliente corridor with Carlin as a secondary preference
- 12/03 -- BLM issued Federal Register notice for land withdrawal along Caliente corridor
- 4/04 -- DOE issued a record of decision (ROD) on the selection of rail as the primary transport mode and selection of the Caliente Corridor
- 4/04 -- DOE issued a notice of intent to prepare an Environmental Impact Statement on the rail alignment to the Yucca Mountain Repository





Key Programmatic Interfaces

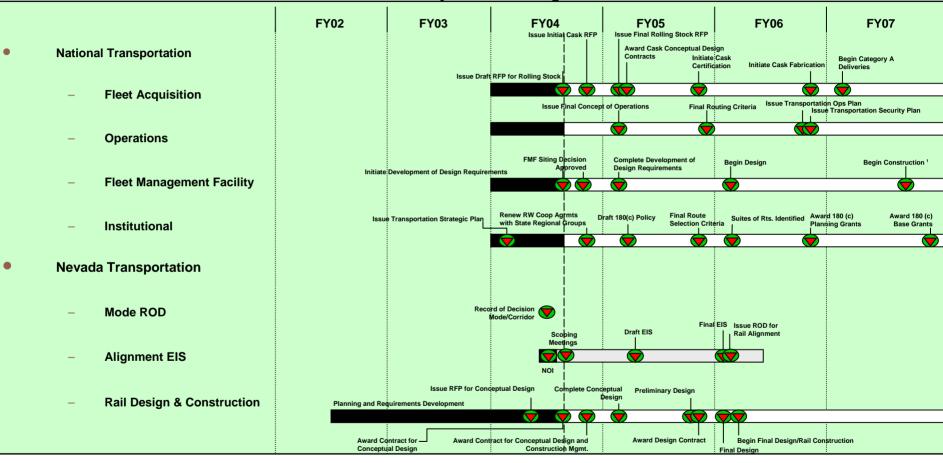






Summary Schedule

Transportation Program Level 1 Summary Schedule Through FY 2007





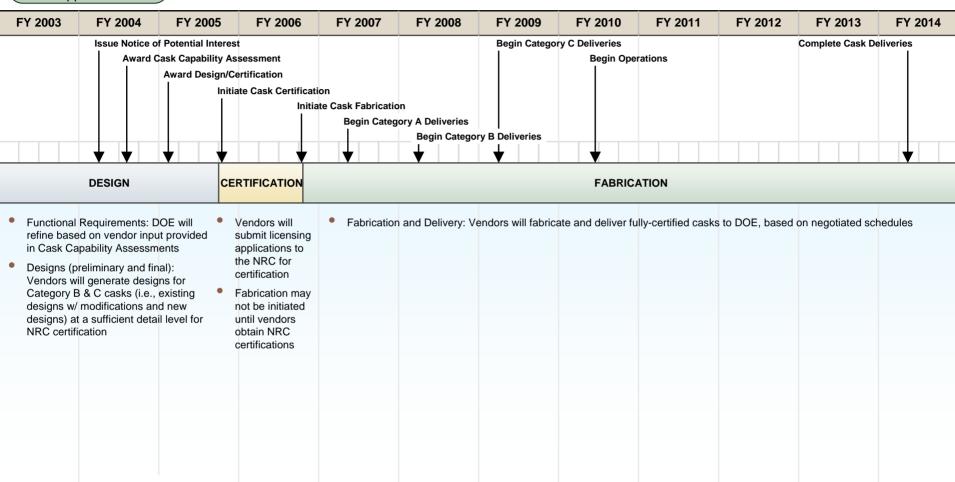
Data Date May 6, 2004



Fleet Acquisition

- Cask Fleet
- · Rolling Stock
- Support Facilities

Cask Acquisition Project Summary

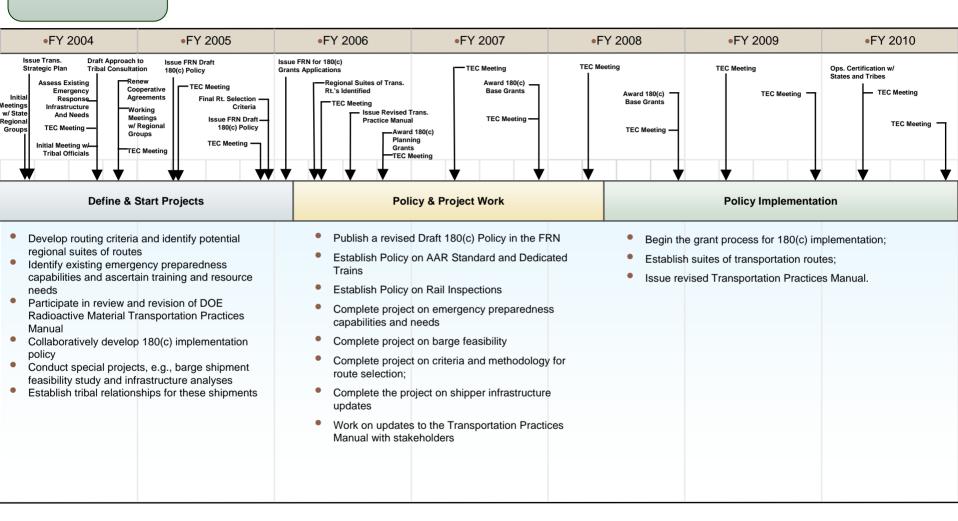






Institutional

Institutional Overview

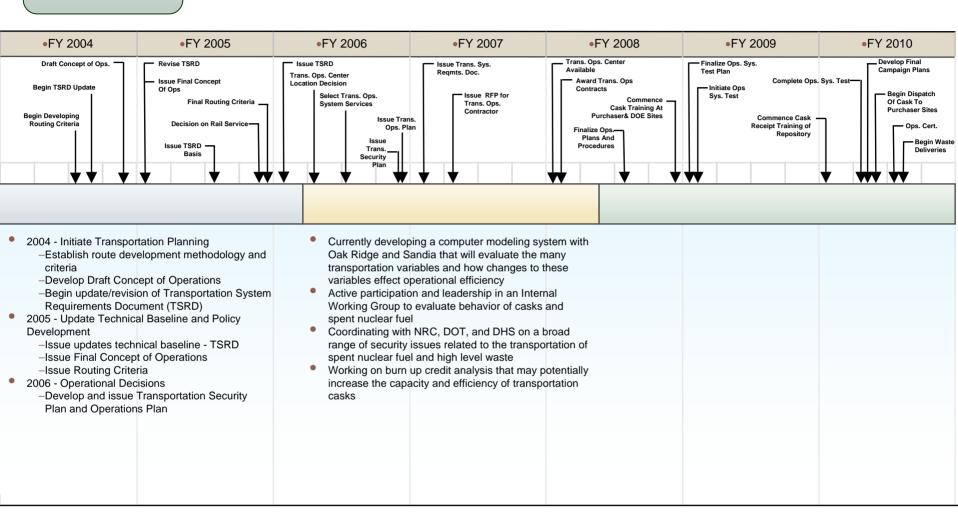






Operations Planning

Operations Overview

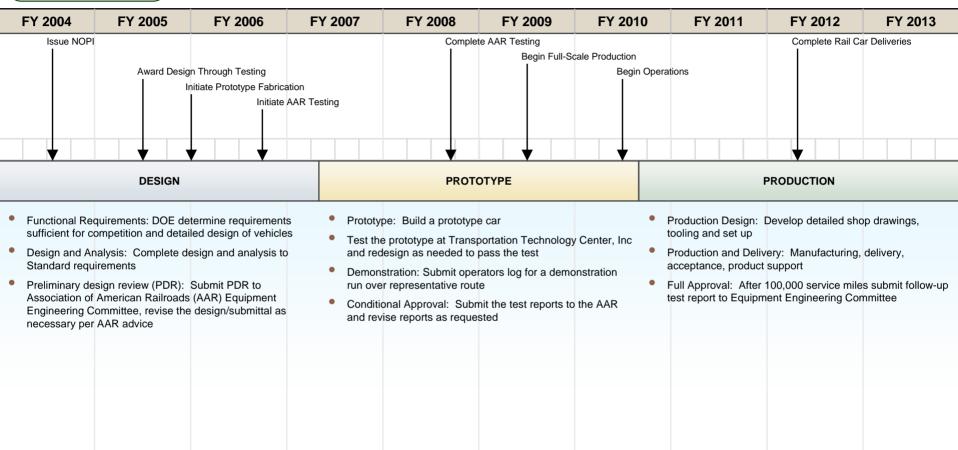




Fleet Acquisition

Rolling Stock Acquisition Project Summary

- Cask Fleet
- · Rolling Stock
- Support Facilities

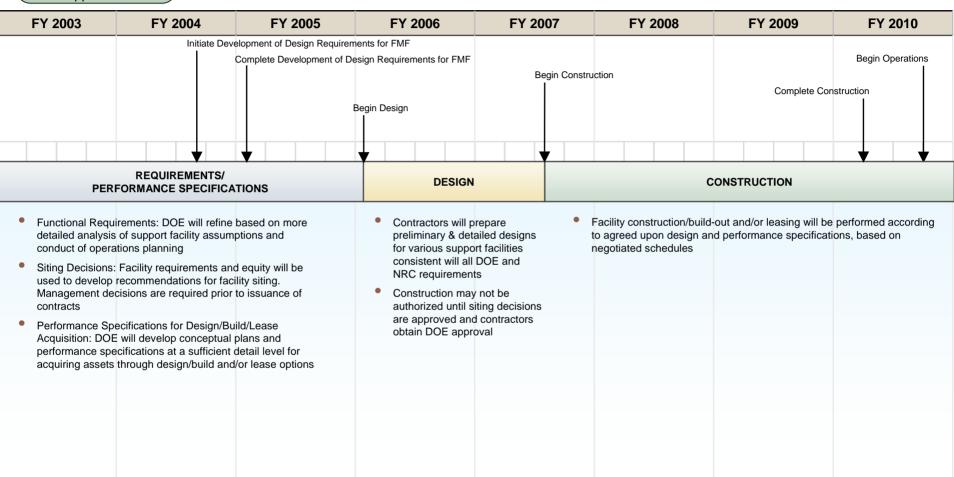




Fleet Acquisition

- Cask Fleet
- Rolling Stock
- Support Facilities

Support Facilities Project Summary







Nevada Rail

Nevada Transportation Project

FY 2004 FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
Issue ROD Mode/ Corridor Selection Issue Task Order For Field Support Draft EIS for Rail Alignment	ssue ROD for Rail Alignme		Early Construction Decision Begin Construction	Initiat	Begin Operations e Testing
→ → →			+		\
EIS and Conceptual Engineering	neering Procurement		Design-Build		Testing
Complete Final EIS —Select NEPA contractor —EIS scoping —Determine most viable routes —Conduct field surveys/geologic and hydrologic investigation —Develop draft EIS —Receive and incorporate comments —Develop final EIS —Issue Record of Decision Develop Conceptual Drawings (BSC) —Identify viable routes based on EIS —Gather detailed topographic data —Conduct best-fit modeling/optimization —Develop conceptual drawings (for two alternatives) Develop Performance Specifications and RFP	Develop contract documents and specs Conduct industry review meetings Review bids	Conduct detailed Refine alignment Final design of tr Systems engined Procurement of r Construct rail an Install systems, g	ack work, site, structures ering materials d facilities		Functional testing and system testing Testing and commissioning with operations contractor Final test runs with receiving facility





Upcoming Decisions and Activities

- Begin Environmental Impact Statement (EIS) for rail alignment
- OCRWM is soliciting public comments through EIS scoping process until June 1
- Initiate cask and rolling stock procurement activities
- Develop routing criteria and approach to assisting state and tribal emergency preparedness efforts
- Specific projects with the state regional groups
- Begin working with Tribes on a government-togovernment basis

www.ocrwm.doe.gov

Conclusions

- Office of National Transportation has a very challenging set of projects
- Detailed scopes, schedules, and resource requirements are works in progress
 - Nevada Rail construction will be driven by EIS
 - Emergency response training will be driven by collaboratively developed policy
 - Fleet acquisition will be driven by waste acceptance decision and repository capabilities
- Interim milestones supporting detail and baselined project plans are being pursued aggressively
- Transportation will be able to support shipments in 2010



