SUBJECT: OVERVIEW OF THE REVISED OCRWM PROGRAM AND PROGRAM PRIORITIES

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Background

- 1994 - Streamlined and redirected Program
- 1995 - Substantial progress towards goals
- 1996 - Congressional redirection and reduced funding
  - Administrations Fiscal Year 1997 budget
  - Program strategies revised
Revised Program Plan

- Addresses key unanswered technical questions related to public health and safety at Yucca Mountain
- Resumes path forward to License Application in 2002
- Shifts to a market-driven approach to waste acceptance and transportation functions while conducting non-site specific interim storage activities
Program Budget

- **FY 1995:** Congress provided $522 million
  - Implemented Program Approach

- **FY 1996:** Congress provided $400 million for Program
  - $85 million reserved for interim storage facility pending statutory authority

- **FY 1997:** Administration requests $400 million
  - $339 million for Yucca Mountain site characterization (85%)
  - $10 million for waste acceptance, storage, and transportation
  - $51 million for program management
Budget Distribution Comparison

Dollars in Millions

FY 1994
- Yucca Mountain Site Characterization: $380M (9%)
- Storage & Transportation: $32M (9%)
- QA/Systems/Program Mgmt: $86M (23%)

FY 1995
- Yucca Mountain Site Characterization: $522M
  Site Characterization: $375M (72%)
- Storage & Transportation: $57M (11%)
- QA/Systems/Program Mgmt: $90M (17%)

FY 1996
- Yucca Mountain Site Characterization: $315M
  Site Characterization: $250M (80%)
- Storage & Transportation: $14M (4%)
- QA/Systems/Program Mgmt: $51M (17%)

FY 1997
- Yucca Mountain Site Characterization: $339M (85%)
- Storage & Transportation: $10M (2%)
- QA/Systems/Program Mgmt: $51M (13%)

Congressional Appropriation*
- FY 1997 Budget Request: $400M
- Yucca Mountain Site Characterization: $339M (85%)

* $85M Reserved by Congress for Interim Storage
Congressional Guidance

- The Conference Report accompanying the Program's FY 1996 appropriation directed the Department to
  - Collect the scientific information needed to determine the suitability of Yucca Mountain
  - Complete the scientific tests needed to assess repository performance
  - Complete excavation of the necessary portions of the ESF
  - Defer preparation and filing of repository License Application
  - Complete a conceptual repository and waste design package
Progress: Yucca Mountain Project

- Greater understanding of site contributed to
  - Formulation of waste containment and isolation strategy
  - Reduction in overall scope of testing
  - More representative TSPA

- Exploration tunnel now three miles into the five-mile loop and well into the proposed repository area

- Test results and TSPA95 continue to support our hypotheses that the natural system at the site will contribute significantly to waste isolation
Alpine Miner Excavating a Test Alcove
Plans: Yucca Mountain Project

• 1997: Complete tunnel and test alcoves, initiate thermal testing, and penetrate Ghost Dance Fault
• 1998: Viability Assessment
• 2000: Final Environmental Impact Statement
• 2001: Site recommendation
• 2002: Submit License Application to Nuclear Regulatory Commission
Progress: Waste Acceptance, Storage, and Transportation (WAST)

- Complete fabrication and testing of a 1/2 scale of advanced technology truck cask
- Contractor has completed the design for a multi-purpose canister system
- Submitted a formal report on burn-up credit to the Nuclear Regulatory Commission for review
- Initiated the process to develop a policy and procedures to provide technical and financial assistance to states and Indian tribes
Plans: Waste Acceptance, Storage, and Transportation

- Shift to a market-driven approach to waste acceptance and transportation functions
- Engage NRC in pre-licensing discussions for non-site specific phased interim storage facility
- Make existing canister and cask knowledge available to private sector
Plans: Waste Acceptance, Storage, and Transportation
(Continued)

Planning assumption for WAST:

• 1997 - Submit Phase I non-site specific interim storage Topical Safety Analysis Report to NRC
• 1999 - Statutory Direction
  - Designation of interim storage site
  - Utilization of commercial regulatory processes
• 2000 - Phase I interim storage facility LA submitted to NRC
• 2002 - Begin fuel receipt at Phase I interim storage facility
Progress: Program Management

- Revised Program strategies to preserve major Program objectives
- Consolidated Program participants to increase integration and efficiency
- Reorganized Program around two business centers
- Improved management systems to increase effectiveness of reduced resources
Plans: Program Management

- Continue to reduce management costs
- Complete consolidation of support services contractors
- Enhance federal staff's ability to manage with reduced contractor support
- Maintain capability to implement National Waste Management Policies in a safe, timely, and cost-effective manner
Current Outlook

- Program is now focusing on four significant objectives:
  - Address the key unanswered technical questions at Yucca Mountain related to public health and safety
  - Resume path forward to timely repository License Application
  - Shift to a market-driven approach for privatizing waste acceptance and transportation functions
  - Maintain a management emphasis on protecting the environment, our workers, and the safety of the public, while carrying out national policy for disposal of radioactive waste