



U.S. Department of Energy  
Office of Civilian Radioactive Waste Management



# Program and Project Overview

Presented to:

**Nuclear Waste Technical Review Board**

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# Purpose

- **Provide status of the Yucca Mountain Project Key Issues**
- **Overview of Areas of Senior Management Attention**



# Program Key Milestones

- **License Application Design Complete- Nov. 2007**
- **LSN Certification- December 2007**
- **Supplemental EIS- May 2008**
- **License Application Submittal- June 2008**
- **Start Nevada Rail Construction- October 2009**
- **YM Construction Authorization- September 2011**
- **Operating License Submittal- March 2013**
- **Rail Line Operational- June 2014**
- **Begin Receipt- March 2017**



# Program Strategic Objectives

- **Submit a high-quality and docketable license application to the Nuclear Regulatory Commission no later than June 30, 2008**
- **Design, staff and train the Office of Civilian Radioactive Waste Management (OCRWM) organization so it has the skills and culture needed to design, license, and manage the construction and operation of the Yucca Mountain Project with safety, quality, and cost effectiveness**



# Program Strategic Objectives

- **Address the Federal Government's mounting liability associated with unmet contractual obligations to move spent fuel from nuclear plant sites**
- **Develop and begin implementation of a comprehensive national spent fuel transportation plan that accommodates state, local and tribal concerns and input to the greatest extent practicable**



# Areas of Senior Management Attention

- **The License Application**
  - Project Status Reviews
  - Strategic Licensing Decisions
- **The Organization**
  - Business Processes
  - Staffing
  - Management Development
  - Culture
    - ◆ Quality
    - ◆ CAP
- **The Congress**
  - Education
  - Building Credibility



# Key Issues Update

- **Legislative Proposals**
- **FY '08 Budget Request**
  - \$494.5 M
- **FY '07 Appropriation Impact**
  - \$444.5 M is \$100M less than President Requested
  - Program will face reductions in staff
- **Revision to EPA Standard 40CFR197**
- **The Email Issue**
  - **Damage to Credibility**
  - **Significant Financial Impact**
    - ◆ Agency Review : \$2.7M
    - ◆ Reviews and Rework: \$20M



# TAD Implementation Strategy

- **DOE issued the TAD system performance specification on the OCRWM web site (link below) on November 29, 2006**
  - [http://www.ocrwm.doe.gov/receiving/pdf/TAD\\_Performance\\_Specification\\_Rev\\_B.pdf](http://www.ocrwm.doe.gov/receiving/pdf/TAD_Performance_Specification_Rev_B.pdf)
- **Qualified vendors have completed TAD proof-of-concept designs:**
  - **Energy Solutions**
  - **Holtec International**
  - **NAC International**
  - **Transnuclear (TN)**
- **DOE review of submitted TAD proof-of-concept designs has been completed**





# Director's Expectations of the Program Team

- **Compliance with Quality Assurance Requirements IS NOT Optional**
- **Safety, Quality and Schedule Discipline are NOT Mutually Exclusive**
- **The Corrective Action Process IS the Process To Be Used for Fixing Problems**
- **Work Across Organizations as a Team**
- **Bring Your "A" Game**
- **Be Accountable for Your Performance**
- **Integrity is a Prerequisite of Working on This Program**

