



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



Program Update

Presented to:

Nuclear Waste Technical Review Board, Full Board Meeting

Presented by:

Ward Sproat

Director

Office of Civilian Radioactive Waste Management

September 27, 2006

Amargosa Valley, NV

Agenda

- **Who's the new guy?**
- **The new schedule**
- **The four strategic objectives**
- **Key programmatic issues**



Who's the New Guy?

- **BSEE and MS from Penn**
 - Registered Professional Engineer
- **Retired from Exelon in 2002**
 - VP International Projects
 - COO of PBMR Pty. in South Africa
 - Director of Engineering for PECO Nuclear
 - Directors of Maintenance, Engineering and Projects at LGS
 - Director of Quality Management of PECO
 - Electrical Project Engineer for Limerick



The New Schedule

- **Certify Licensing Support Network: December 2007**
- **Issue Supplemental Environmental Impact Statement: May 2008**
- **Submit License Application (LA) by June 30, 2008**

Best Achievable Construction Schedule

- **Start Nevada rail line: October 2009**
- **Start repository construction: September 2011**
- **Submit operating license application: March 2013**
- **Begin receipt of fuel: March 2017**



The Four Strategic Objectives

- 1. License Application - Submit a high quality and docketable LA to the NRC no later than 30 June 2008**
- 2. OCRWM - Design, staff, and train the OCRWM organization such that it has the skills and culture needed to design, license, and manage the construction and operations of Yucca Mountain with safety, quality, and cost effectiveness**



The Four Strategic Objectives

- 3. Liability - Address issues related to the utility spent nuclear fuel litigation**
- 4. Transportation - 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**



Key Programmatic Issues

- **OCRWM organization and culture**
 - Roles and responsibilities
 - Quality
- **Quality of technical work products**
 - Sandia review of LA support documents
- **Sandia Lead Lab transition**
- **Transition of science to design**
 - Establish the design bases

