



DOE Title II Sites Annual Update

Tom Pauling, Team Leader
U.S. Department of Energy
Office of Legacy Management
Office of Site Operations

2007 U.S. Nuclear Regulatory Commission/
National Mining Association Workshop

May 15-16, 2007
Denver, Colorado



Issues of Significance to DOE

- Site reuse initiatives.
- Greater scrutiny of alternate concentration limit (ACL) applications, including status of model verification process.
- Greater scrutiny of physical condition of site at time of transfer.
- Institutional controls when necessary.
- Site transfer schedule and impact on budget cycle.

2



Status of Title II Site Transfers to DOE

- Bear Creek, Wyoming
 - U.S. Army Corps of Engineers working on real estate package. Site transfer is imminent.

3



Status of Title II Site Transfers to DOE (continued)

- Durita, Colorado
 - DOE submitted Long-Term Surveillance Plan (LTSP) to NRC on February 1, 2005.
 - U.S. Army Corps of Engineers ready to transfer real estate at DOE's direction.
 - NRC and Colorado Department of Public Health and Environment (CDPHE) resolving Completion Review Report (CRR) issues.
 - Site transfer anticipated in late 2007.

4



Status of Title II Site Transfers to DOE (continued)

- Gas Hills North (Lucky Mc), Wyoming
 - NRC provided comments on LTSP in letter dated March 8, 2006.
 - Pathfinder working to provide DOE institutional control over off-site ground water use.
 - Request for segregation and withdrawal transmitted to Bureau of Land Management (BLM). The request is in the BLM segregation process.
 - Site transfer anticipated in late 2007.

5



Status of Title II Site Transfers to DOE (continued)

- Maybell West (UMETCO), Colorado
 - DOE internal draft LTSP complete.
 - CDPHE submitted CRR to NRC in March 2006.
 - LTSP submittal to NRC after NRC has reviewed CRR.
 - Lode claims have been staked over reclaimed heap leach tank and existing millsite claims.
 - Withdrawal of BLM lands complete.
 - Site transfer anticipated in late 2007.

6



Status of Title II Site Transfers to DOE (continued)

- Gas Hills East (UMETCO), Wyoming
 - DOE internal draft LTSP complete.
 - Licensee modifying ground water monitoring network; DOE will revise LTSP accordingly prior to submittal to NRC.
 - Request for segregation and withdrawal transmitted to BLM.
 - Site transfer anticipated in 2008.

7



Status of Title II Site Transfers to DOE (continued)

- Lisbon Valley, Utah
 - DOE internal draft LTSP complete.
 - Licensee has modified ground water monitoring network in response to state concerns.
 - Segregation and withdrawal application transmitted to BLM.
 - Site transfer anticipated in 2007/2008.

8



Status of Title II Site Transfers to DOE (continued)

- Ambrosia Lake West, New Mexico
 - DOE internal draft LTSP complete.
 - Site ACL approved by NRC.
 - DOE evaluation of ground water model in progress.
 - Site transfer anticipated in 2010.

9



Status of Title II Site Transfers to DOE (continued)

- Panna Maria, Texas
 - DOE internal draft LTSP complete; however, licensee's ACL application still pending.
 - LTSP submittal to NRC will occur after the agreement state (Texas) approves final site reclamation, including ACL.
 - DOE evaluation of ground water model in progress.
 - Site transfer anticipated in 2008.

10



Status of Title II Site Transfers to DOE (continued)

- Ray Point, Texas
 - DOE internal draft LTSP completed.
 - Site transfer anticipated in 2008.

11



Status of Title II Site Transfers to DOE (continued)

- Split Rock, Wyoming
 - DOE internal draft LTSP completed in FY 2006.
 - ACL application approved by NRC.
 - DOE in discussions with Nature Conservancy regarding reuse options.
 - DOE evaluation of ground water model complete.
 - Site transfer anticipated in 2008.

12
