

# DOE EM License Support and Schedule

NSNFP Strategy Meeting  
Washington, DC

Jim Linhart/Henry Loo  
March 2008



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

# DOE EM

## License Support and Schedule

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- SEIS and Rail EIS Status
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- EM Support of Review Process
- LA review schedule
- Summary

# DOE EM LA Support

- NSNFP tasked by DOE EM to coordinate the distribution, review of the Yucca Mountain LA submittal in 2008 with all DOE EM organizations
  - Distribution, and review to include all DOE EM appropriate federal and contractor personnel
  - Include both SNF and HLW program
  - 47 reviewers total
- NSNFP also tasked by DOE EM to coordinate the distribution, review of the YM Supplemental EIS and Rail EIS submittal in Oct 2007 with all DOE EM organizations
  - Distribution, and review to include all DOE EM appropriate federal and contractor personnel
  - Include both SNF and HLW program



# Documents Involved in the Review

- Management documents
  - 5 Conceptual Design Reports
- 5 LA SAR groups of documents:
  1. Surface Design (11/17)\*
  2. Subsurface Design and waste package (4/10)\*
  3. Preclosure safety analysis and criticality (5/5)\*
  4. Postclosure analysis and activities (7/18)\*
  5. Programmatic (7/21)\*

DOE EM personnel selected from the 71 LA sections  
- a total of 34 sections for review

- YM SEIS, Rail EIS

\*The number represents (SAR sections selected for review by DOE EM/Total SAR sections in group)



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# LA Review Status

- BSC will complete all of their LA sections by March 15<sup>th</sup>
- Three remaining Lead Lab Postclosure LA sections will be completed by April 4<sup>th</sup>
- The LA will be ready to be submitted to the NRC between May 15<sup>th</sup> and June 30<sup>th</sup>
- Thanks to everyone for your support of the LA preparation and review process



# SEIS and Rail EIS Status

- EM completed the review of the SEIS and the Rail EIS
- Thanks to everyone for your support
- Public review was completed on 12/07
- RW received over 3,000 pages of comments
- Comment resolution is in process
- Submit the SEIS and Rail EIS to the NRC on June 30<sup>th</sup>



# NRC LA Review Process

- The NRC will review the LA for adequacy
- This docketing could take 3 to 6 months
- The LA **must** be updated near the end of the docketing process
- At this time information on the MCO drop analyses could be added to the LA

# EM Support of Review Process

- NRC will request additional information (RAI) during the 3 year review process
- EM will be asked to support these requests
- Support of litigation will also be needed
- The NSNFP will coordinate this support
- The defense of the LA is just as important as its preparation

# Additional EM Support

- During the NRC 3 year LA review process the LA will be updated as needed
- EM will be requested to provide additional or updated information
- The detailed design of the repository will also be completed during this 3 years
- EM will be asked to review the design in relation to their SNF and HLW

# Additional EM Support (cont.)

- EM will also be asked to review the design based on their experience
- During this 3 year period the remaining criticality and other calculations to support the shipment of SNF and HLW to the repository will have to be completed
- SNF canister designs will also be completed

# Summary

- **EM's role in the LA is NOT finished**
- Next year, EM will need to support the LA docketing process
- EM will need to ensure that the drop analyses for the MCOs gets into the LA
- Over the next 3 years we will need to support the defense and update of the LA
- And complete the needed work to get all DOE SNF and HLW into the repository

