

NRC PERSPECTIVES

XXIX SPENT FUEL MANAGEMENT SEMINAR
JANUARY 13, 2014



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OVERVIEW

- Welcome
- Yucca Mountain Safety Evaluation Report
- Waste Confidence – What We Heard
- Continuous Improvement – Spent Fuel Storage Licensing Process
- Questions and Comments



COMPLETING THE SER

- Orderly closure - September 2011
- Publication
 - SER Volume 1
 - TER Volumes 2, 3, and 4
- Court of Appeals Order – August 2013
- Commission Order – November 2013
 - Complete the SER
 - Complete the environmental supplement
 - Preserve the records



COMPLETING THE SER

- Planning to complete the SER by January 2015
- Using previous work
- Assembling the review team
- Coordinating environmental supplement with DOE
- Loading documents into ADAMS; references in SER will be publicly available



WASTE CONFIDENCE

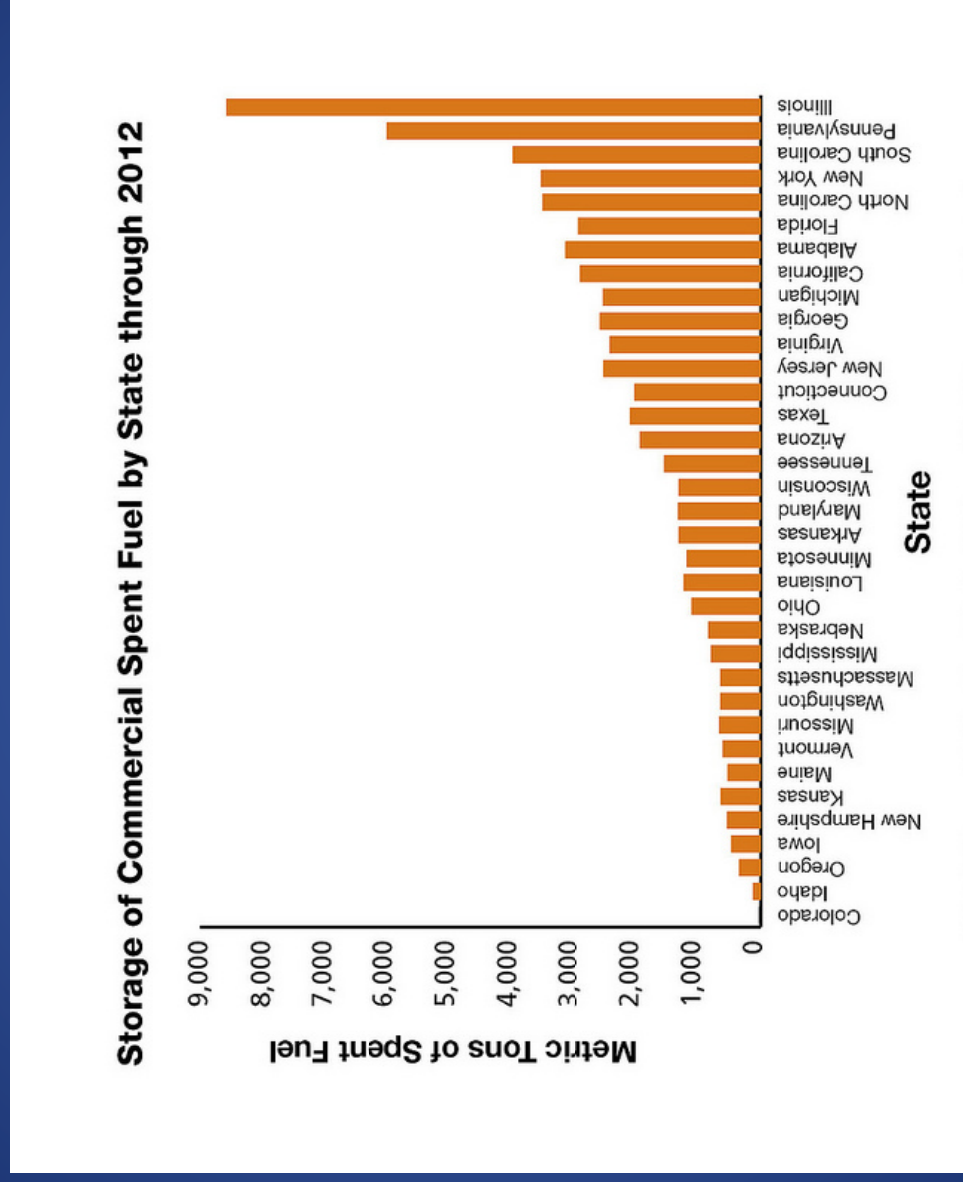
- Published draft statement and proposed rule on 13 September 2013; comment period ended 20 December
- Status as of 30 December 2013:
 - > 1400 participants in 13 public meetings
 - > 33,600 submittals, 850 unique
 - > 2960 comments
- Next status teleconference on 29 January 2014
- On schedule to complete by early Fall 2014



WASTE CONFIDENCE

- Generic determination
- Environmental impacts of spent fuel storage between operations and disposal
- Specific themes of comments
 - Generic vs. site-specific consideration
 - Expedited transfer from pools to dry casks
 - Long-term storage of high-burnup fuel
 - Uncertainty about the repository
 - Durability of institutional controls

SPENT FUEL IN STORAGE



Reference: NRC Information Digest, NUREG-1350

PROCESS ENHANCEMENTS

- Conducted self-assessment early 2013
- Effectiveness enhancements:
 - Improving internal coordination
 - Enhancing communication with stakeholders
 - Identifying policy, technical, and resource issues earlier
 - Resolving key technical issues in a timely manner
 - Shortening acceptance review process
- Next steps:
 - Develop confirmatory analysis criteria
 - Evaluate review process
 - Develop risk-informed framework

QUESTIONS & COMMENTS

Thanks for doing what **you** do
to accomplish nuclear safety
and security!

