

# **Overview**



Ghost of Fiscal Year Past



• Ghost of Fiscal Year Present



Ghost of Fiscal Year Future 2016



#### Look back



- Almost 2,100 storage systems deployed around the US and growing
- Completed 71 transportation cases
  - MP-197 (first canistered HBF package after storage)
  - 435B (large activity sealed sources)
  - SAFEKEG HS (research isotopes)
  - RT-100 (new LLW package, Class A/B)
- Completed 17 storage cases
  - UMAX (first underground system to be deployed)
  - NUHOMS Amendments 11 and 13
- · Met processing time metrics
- Issued final Extended Storage and Transportation Technical Information Needs Report

## Look back



- Developed and used revamped renewal process (more than 20 public meetings)
- Received industry renewal guidance, NEI 14-03
- Delayed License Process Improvements (LPI) due to higher priority work
- Finished first phase of transportation testing on actual fuel samples
- Expanded public interaction
- RegCon
- · Kicked off risk initiative



# **Current Fiscal Year So Far**



- Continued Storage Rule effective
- Issued Calvert Cliffs ISFSI renewal
- Started TN 1004 review
- Issued M-290 CoC
- Issued LWT L-HEU package CoC
- Last system loaded at Zion







- Complete VSC-24 renewal
- Complete Prairie Island renewal Environmental Assessment and Safety Evaluation Report
- Respond to NEI 14-03 and revise NUREG 1927
- Complete draft Managing Aging Process for Storage (MAPS) NUREG
- Risk tasks Defense in Depth and safety goals



#### **Current Fiscal Year Plan**



- Issue High Burnup Fuel (HBF) Regulatory Issue Summary (RIS)
- Complete NRC feedback on NEI 12-04, guidance on 72.48, by second quarter
- Issue HBF Consequence Analyses
- Issue HBF Phase 1 test results and complete and issue HBF Phase 2 test results



## **Current Fiscal Year Plan**



- Complete technical report on functional monitoring of dry cask storage systems (DCSS)
- Complete technical report on stress analysis of fuel cladding in DCSS
- Complete technical report on vertical DCSS thermal analysis for TN-32
- Establish concrete expert panel, conduct a workshop and complete technical report

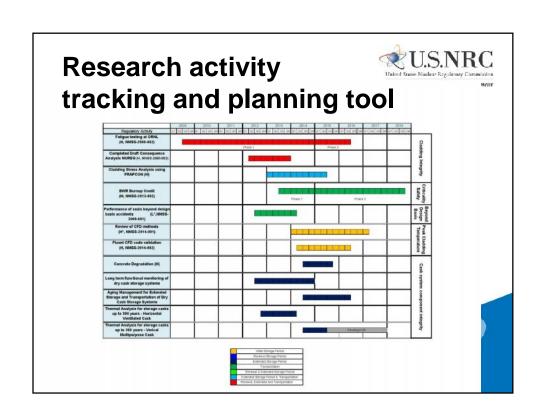


# **Current Fiscal Year Plan**



- Begin validation studies of thermal computer codes
- Wrap up the NRC's Transportation Fire Studies
- Continue with LPI
  - Retrieveability
- Engage ASME Code Committee
- First cut at research tracking and planning tool





# **Looking further forward**



- Interim Consolidated Storage Facility application?
- Additional canister inspections?
- YGIAGAM



