

# Nuclear Materials Committee

## November 18-19, 2013

### MEMBERS

Rose Hayes, Chair

Louie Chavis, Vice Chair

Bill Calhoun

Nina Spinelli

Virginia Jones

Ed Sturcken

Christopher Timmers

# Nuclear Materials Committee Responsibility

- This committee was established to study issues which involve nuclear materials (generally uranium and plutonium) that have an impact on present or future SRS activities, including:
  - Used/Spent nuclear fuel program activities
  - Nuclear materials management
  - Nuclear materials integration
  - Disposition of Pu and other HLW from SRS

# Recommendations and Agency Responses for 2013

Status	Meaning
<b>Pending</b>	The draft recommendation has been approved by the full board and submitted to DOE; however, the response has not been received.
<b>Open</b>	The recommendation status is changed to “open” once the response has been received. The board may follow up for further information on a response that they find inadequate.
<b>Closed</b>	The action(s) in the recommendation have been completed, rejected in full by DOE, or overcome by events.
<b>Closed with Exception</b>	In the event that the CAB would like to stop tracking a recommendation or are collectively dissatisfied with the response provided, they may close the recommendation with exception. The responsible committee should draft a statement stating the committee’s dissatisfaction and the reason for closure. Once the committee has approved the statement, it is attached to the recommendation and the status is updated to “closed with exception”.

# Open & Pending Recommendations

- Open:
  - #307 Transferring Materials in L-Basin to Auxiliary Dry- Cask Storage. Adopted July 23, 2013. Full Board Mtg.
  - #309 Consider Nuclear Waste Management Plan for Interim Storage of Defense Waste in Yucca Mountain, & Temporary Storage of Commercial Used Nuclear Fuel at Generation Sites.
  - #314 Planning for Disposition of SRS Canisters.
- Pending:
  - #313 L-Basin Inventory as Trial Test for a Federal Repository.

# Recommendations on 307/309

- #307: Remain OPEN. The DOE response assumes that federal funding will be available in the unspecified future for processing, vs. transferring the material to dry cask storage. DOE response indicates that calculations found dry cask storage will require excess funding, transport expenses, and space in a geologic repository, as compared to processing. DOE response is based on assumption that there will be a repository to transport the processed material to in an unspecified future. History directs caution for such assumptions.
- DOE response also rejects suggestion that outside sources, such as the National Academy of Science be approached for opinions. Over the course of AEC/DOE history, NAS has often provided input on waste management.

# #307 continued

- This recommendation should remain OPEN until specific information is available concerning:
  - funding appropriations
  - availability of a geologic repository or other form of permanent storage
  - positive indications that outside opinions are not needed

# #309

- #309 remain OPEN. DOE response states that the issue of Yucca Mountain is the responsibility of the Office of Nuclear Energy (NE) and not Environmental Management's.
- Recommendation #309 has been forwarded to NE by DOE for a response. Therefore, it would be premature to close this recommendation until NE provides guidance.

# Recommendations on Pending

- #313 and 314.
- The CAB has not yet received a response to these recommendations. It would therefore be premature to close them.

# 2013 NM Committee Meetings

April 23

June 25

August 27

October 22

December 10, 4-5:50 pm, DOE Meeting  
Center

# PRESENTATION

- Impacts of the Government Shutdown on Nuclear Materials Programs
  - Maxcine Maxted & Jay Ray, DOE-SR