



U.S. DEPARTMENT OF
ENERGY

Status of Recommendation 259 Actions

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EM *Environmental Management*
safety ❖ performance ❖ cleanup ❖ closure

Recommendation 259 Action

Acronyms

- CA – Office Congressional Affairs
- CAB – Citizens Advisory Board
- CFO – Chief Financial Officer
- DSA – Documented Safety Analysis
- DOE – Department of Energy
- EM – Office of Environmental Management
- GC – Office of General Council
- IP – Implementation Plan
- NE – Office of Nuclear Energy
- NMAB – Nuclear Materials Advisory Board
- NMAB – Nuclear Materials Advisory Board
- NMDCCC – Nuclear Materials Disposition Consolidation Coordination Committee
- NNSA – National Nuclear Security Administration
- ODNS – Office of Defense Nuclear Security
- OHSS – Office Health Safety and Security
- ONMI – Office Nuclear Materials Integration
- SC – Office of Science
- SRNS – Savannah River Nuclear Solutions
- SRS – Savannah River Site
- TVA – Tennessee Valley Authority



Recommendation 259 Action

Recommendations:

- 1) **DOE Continue to pursue measures to keep the H-Area assets (people and equipment) fully engaged in stabilizing and dispositioning all DOE Legacy nuclear materials provided the current consolidation schedule for SRS clean-up is not jeopardized. To that effect, DOE should propose an updated agency-wide call for any additional nuclear materials requiring processing and inform the new DOE nuclear materials coordination team since they may impact H-Canyon schedule, plans for closure, and additional waste streams.**
- 2) ***DOE provide updates on the replacement group for NMDCCC to ensure continued timely and accurate information/presentations on activities and missions for H-Canyon to the SRS CAB.***
- 3) **By July 27, 2009, DOE will inform the CAB of progress in updating the safety documentation for H-Canyon operations.**



Recommendation 259 Action (1)

- **To ensure the facility is being utilized:**
 - **SRS will complete the unirradiated uranium campaign, including down blending the high enriched uranium to low enriched uranium and shipping to TVA, in FY11.**
 - **SRS has completed the facility modifications, DSA, procedure updates, training to support processing aluminum-clad used nuclear fuel.**
 - **SRS is performing Readiness Assessment to ensure facility is ready to process used nuclear fuel.**
- **Per DOE Order 410.2, Management of Nuclear Materials**
 - **DOE has annual data calls for sites to update their nuclear materials inventories and disposition plans**



Recommendation 259 Action (2)

- **Nuclear Materials Disposition Consolidation Coordination Committee (NMDCCC) was established in FY2005**
- **The scope of the committee:**
 - **Develop, revise, and ensure implementation of plans for disposition and consolidation of special nuclear material.**
 - **Act to resolve conflicts created by priority of departmental resources**
 - **(Secure transportation, packaging and containers, and waste management, etc.) in concert with other established cross-cutting planning organizations, such as the Secure Transportation Asset Advisory Board, to ensure that adverse impacts on program missions are minimized**



Recommendation 259 Action (2)

- **NMDCCC operated under the direction of the Executive Steering Committee**
 - Under Secretary of Energy
 - Under Secretary for Science
 - Under Secretary for Nuclear Security
 - NMDCCC Chairperson

- **Membership**
 - **Members**
 - EM NE
 - NNSA SC

 - **Advisors**
 - CA CFO
 - GC ODNS
 - OHSS



Recommendation 259 Action (2)

- **The NMDCCC goal was to issue eight implementation plans for high priority nuclear material.**
- **In February 2008, the NMDCCC proposed and the Deputy Secretary approved the establishment of a permanent Office of Nuclear Materials Integration (ONMI) within NNSA (NA-58).**
 - **Mission of ONMI**
 - **Oversee the execution of DOE O 410.2, Management of Nuclear Materials**
 - **Integration and coordination of the Department's nuclear materials consolidation and disposition activities**
 - **Establish a Nuclear Materials Advisory Board (NMAB) with membership similar to NMDCCC**



Recommendation 259 Action (2)

- **The NMDCCC was officially disbanded on January 14, 2009**
 - **The NMDCCC completed and approved seven of the eight IPs.**
 - **The one IP the NMDCCC decided to defer was the “Removal of Surplus Pits from Pantex Zone 4” because of pending decisions associated with the NNSA Stockpile Stewardship Supplemental Programmatic Environmental Impact Statement.**

- **ONMI Activities**
 - **Held periodic NMAB meetings**
 - **Requested annual data call from all sites concerning updates to their nuclear materials inventories and disposition plans**
 - **Requested annual Nuclear Materials Inventory Assessment Report**
 - **Requested sites develop annual Nuclear Materials Management Plans**
 - **Developing a National Strategic Plan for Management of DOE Nuclear Materials**



Recommendation 259 Action (3)

- **3009 DSA was approved by SR on May 28, 2010 – SR presented this to the CAB on 7-27-10**
- **SRNS will present the DSA contents to the CAB tomorrow.**



Recommendation 259 Action

➤ Summary

- All parts of the recommendation have been addressed.
- DOE-SR requests closure of Recommendation #259

