

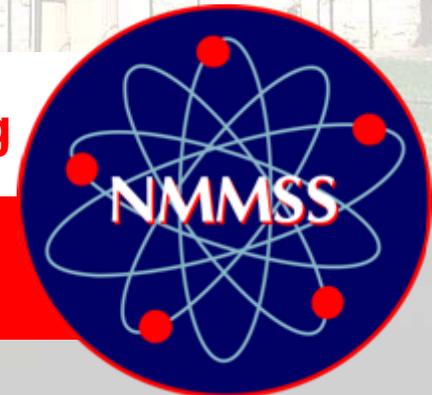
# DOE Nuclear Materials Management

Dale Dunsworth  
Office of Stockpile Technology  
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**NMMSS Users Annual Training Meeting**

**San Antonio, Texas—May 20-22, 2008**



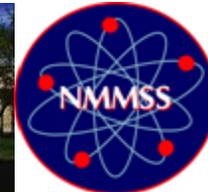
# Topics of Discussion

- Nuclear Materials Disposition and Consolidation Coordination Committee (NMDCCC)
  - Charter
  - Status of Activities
- Creation of Office of Nuclear Materials Integration
- Recent Accomplishments



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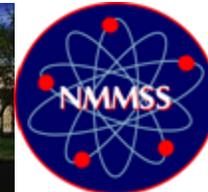


# NMDCCC Charter

- Chartered by Secretary Bodman on March 5, 2005 (revised 1/30/08)
- Develop plans for consolidation and disposition of nuclear materials in order to reduce security and programmatic costs.
- Terminate following Executive Steering Committee approval of plans

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# NMDCCC Structure

Executive Steering Committee

US for Energy  
US for Science  
US for National Security  
Chair of the NMDCCC

Members

Defense Programs  
Science  
Nuclear Energy

Environmental Management  
Fissile Material Disposition  
Secure Transportation

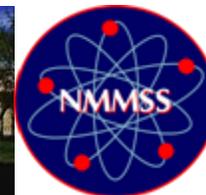
Advisors

General Counsel  
Naval Reactors  
Congressional and  
Intergovernmental Affairs

Defense Nuclear Security  
NEPA  
Chief Financial Officer

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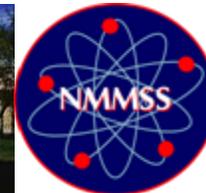


# NMDCCC Actions

- Strategic Planning
  - Plutonium Disposition (plan completed)
  - HEU Consolidation and Disposition (plan completed)
  - U-233 Disposition (plan completed)
  - Removal of Cat. I/II SNM from Sandia (action completed)
  - Removal of Cat. I/II SNM from LLNL (in progress)
  - Removal of Excess SNM from LANL (in progress)
  - Removal of Surplus Pits from Pantex (in progress)
  - Disposition of Pu-238 (in progress)
- Revision of DOE O 5660.1B, Nuclear Materials Management
- Nuclear Materials Inventory Assessment (NMIA) Disposition Data Call

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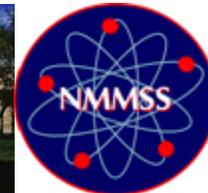
# Office of Nuclear Materials Integration

- Approved by Deputy Secretary February 1, 2008
- Executes material management functions, as outlined in revised NMM Order
  - Materials management policy and guidance
  - Manages Nuclear Materials Inventory Assessment (NMIA)
- In coordination with other program offices oversees execution of NMDCCC Implementation Plans
- Manages disposition of specific Defense Programs legacy materials
- Unlike NMDCCC, scope is not limited to Cat. I/II SNM

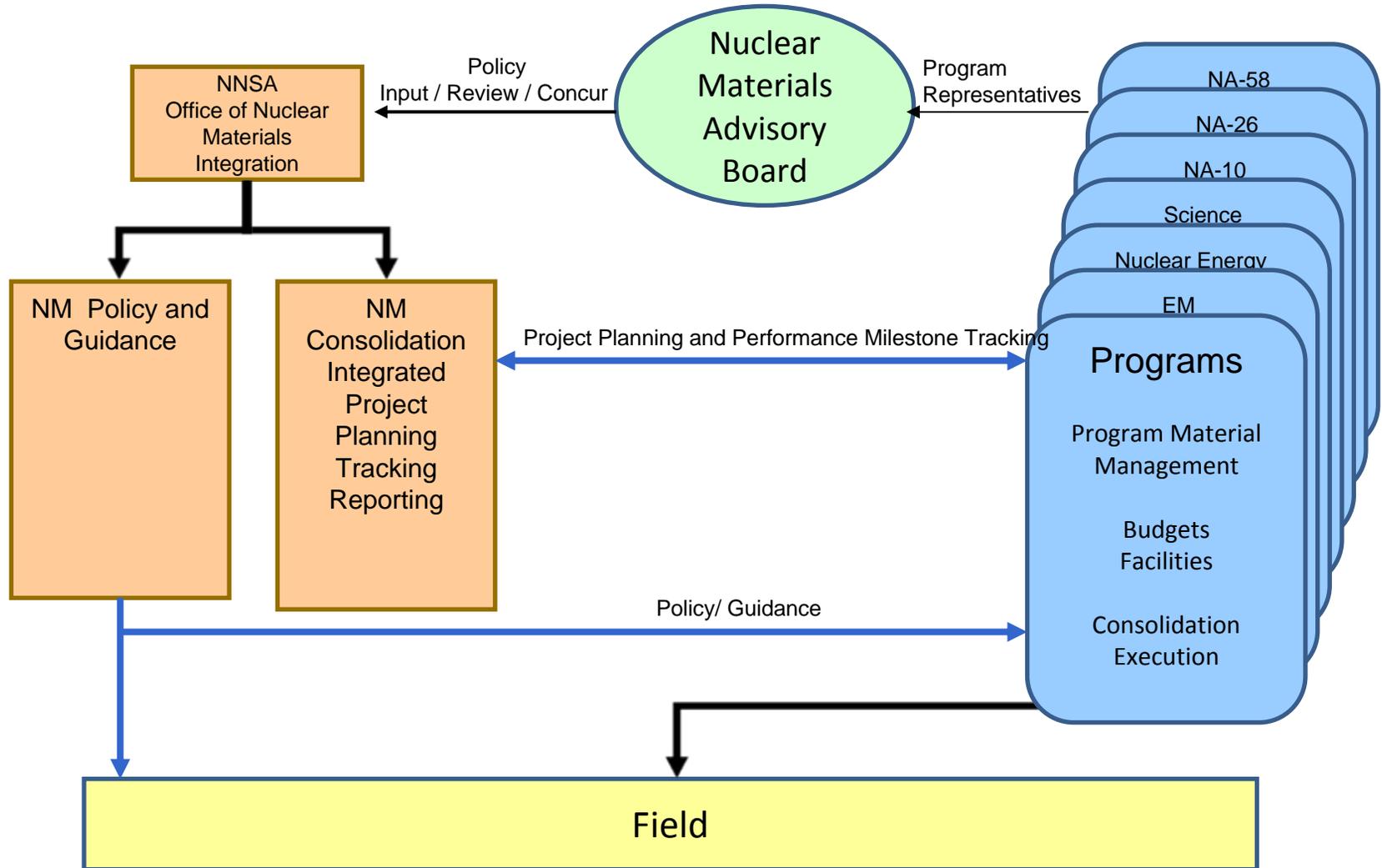


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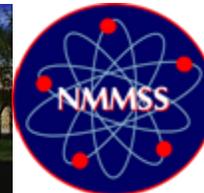


# Office of Nuclear Materials Integration



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# Recent Accomplishments

- Construction started on Mixed Oxide (MOX) Fuel Fabrication Facility, in September 2007
- Hanford shipments to SRS begin in October
- First LLNL shipment to SRS in December
- Y-12 begins shipment of reactor fuel (HEU) to SRS in January
- Sandia completes removal of all Cat. I/II SNM in February
- LLNL makes second shipment to SRS in March (~25% of inventory removed to date)
- ~8 Metric Tons SNM removed from NNSA sites FY to date
- Organizational concept for Office of Nuclear Materials Integration approved February 1<sup>st</sup>
  - Staffing actions are underway
  - Identifying Advisory Board members

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