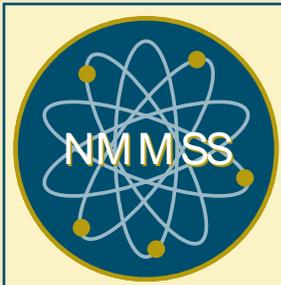


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Planned Changes to DOE Manual 470.4-6

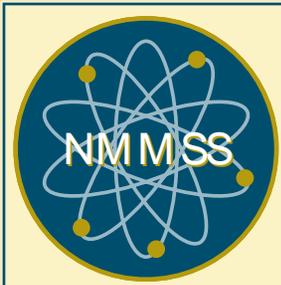
Tina Barnett
NMMSS



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Overview

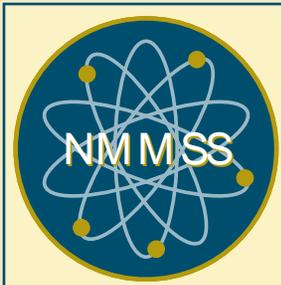
- Changes Implemented August 2005
- Changes Currently in REVCOM
- Later Changes to be Implemented with NMMSS Upgrade (April 2008)



Changes Implemented August 2005

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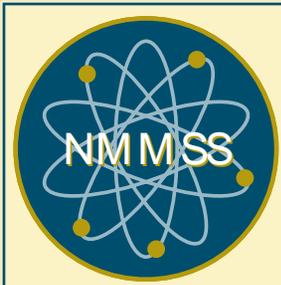
- Inventory Difference Explanation Eliminated
 - Action Code I
 - If reported to NMMSS, action code I documents are not imported
 - No error incurred by the facility



Changes Implemented August 2005 (continued)

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- Berkelium (Bk) no longer reportable to NMMSS (Section B)
 - Berkelium still accountable in site systems (Section A)
 - Inventory not imported
 - Transactions – Errors, may be exempted
 - Removal of Bk from NMMSS books
 - Transactions containing other materials
 - January 1, 2007
 - No longer acceptable material type in NMMSS
 - Errors will be counted against facility error rates

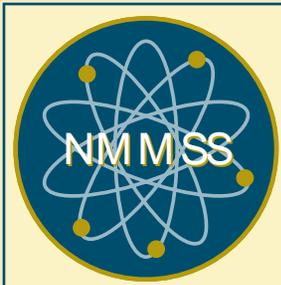


Changes in REVCOM

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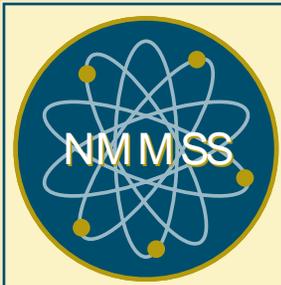
- Elimination of Scrap Codes
 - NMMSS converts scrap codes to 720 series composition codes

Scrap Codes	Comp Code	Description
A00-A90	721	Unalloyed Metal (Unirradiated)
B00-B90	722	Alloyed Metal (Unirradiated)
C00-C97	725	Compounds (Unirradiated)
D00-D90	726	Combustibles (Unirradiated)
E00-E90	727	Non-combustibles (Unirradiated)
F00-F97	728	Solutions (Unirradiated)
G00-G93	729	Process Residues (Unirradiated)



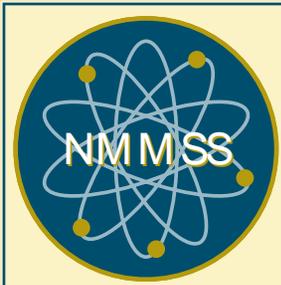
Changes in REVCOM

- **Elimination of Scrap Codes (continued)**
 - Currently, facilities will be able to continue to report and NMMSS will continue to convert
 - If invalid scrap code is reported - NMMSS will not convert, composition code field will be blank and facility will receive an error
 - After implementation of upgrade, a minimum 6 month warning will be provided to the user community that NMMSS will no longer accept scrap codes as valid composition codes
 - Estimated timeframe September 2008



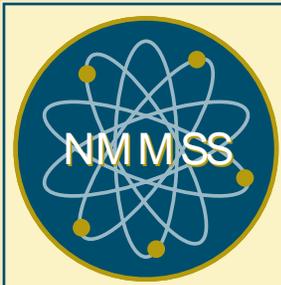
Changes in REVCOM

- **Elimination of Inventory Profile Requirements**
 - Edit checks against facility profiles will be eliminated in NMMSS
 - Comp code checks against material type and facility type will not change
 - Should have no impact on facility reporting to NMMSS



Changes in REVCOM

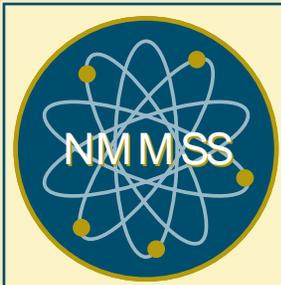
- INMITS Reporting Procedure Added
 - No change to facilities
 - Formalized process already in place
- Back Reference Optional (except IAEA and Import/Export activity)
 - Always optional, not enforced
 - No impact



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Changes in REVCOM

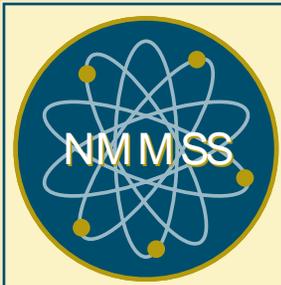
- Foreign Obligation Reconciliation
 - Added requirement to reconciliation
 - Activity already being performed by facilities at least annually
 - Change to formalize requirement



Future Enforcement of Current Requirements

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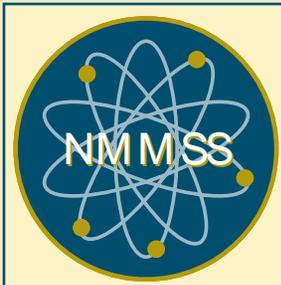
- January 1, 2007
 - Elimination of Berkelium reporting
 - Berkelium will no longer be recognized as a valid material type
 - Transaction errors will contribute to error rate
 - Sequence number requirement on inventory reporting
 - Each inventory line will be required to contain a sequence number
 - Each sequence number reported must result in a unique inventory date/RIS/sequence number combination



Additional Future Changes – Upgrade Timeframe (2008)

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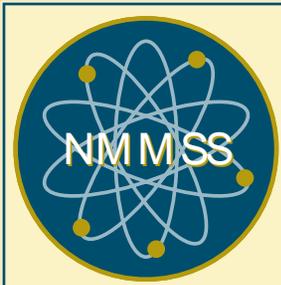
- Process codes on inventory (742C)
- Sequence numbers and process codes on material balance (742)
- Sequence numbers and process codes on concise notes (XML only)
- Concise notes indicator removal from transactions, inventory and material balance



Additional Future Changes – Upgrade Timeframe (2008)

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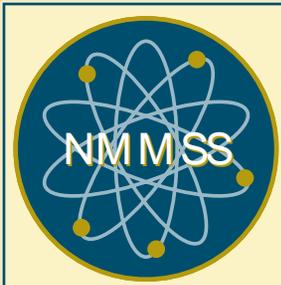
- Additional precision optional on source material (three decimal places)
 - Issues related to possible shipper/receiver differences being discussed
 - Requires reporting in XML



Review – Changes Which May Affect Facility NMMSS Reporting

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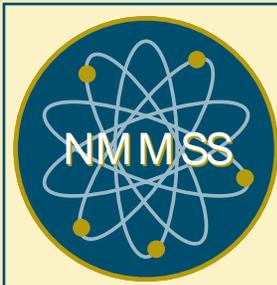
- Changes Implemented August 2005
 - Berkelium will no longer be recognized January 2007
 - Current requirement: Sequence numbers on inventory submittals to be enforced January 2007
- Changes Currently in REVCOM
 - Elimination of Scrap Codes – estimated September 2008



Review – Changes Which May Affect Facility NMMSS Reporting

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- Later Changes to be Implemented with NMMSS Upgrade (April 2008)
 - Process codes on inventory (742C)
 - Sequence numbers and process codes on material balance (742)
 - Sequence numbers and process codes on concise notes (XML only)
 - Concise notes indicator removal from transactions, inventory and material balance
 - Additional precision optional on source material (three decimal places) (XML only)



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Questions?
