



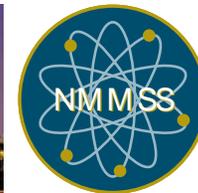
**NMMSS Users Annual Training Meeting  
Atlanta, Georgia—May 22-24, 2007**

# **NMMSS Upgrade Impacts on Submitter**

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Project**

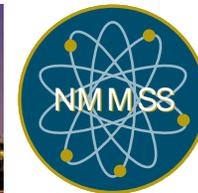
# Topics

- Enhancements
- Transaction Edit Checks
- Inventory & Material Balance Processing
- Inventory & Material Balance Edit Checks
- Data File Formats



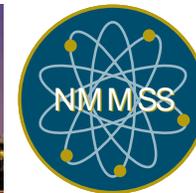
# Enhancements

- Reports will be viewable through a Web Browser
- The data for the reports will be XML based
- Ability to submit concise notes electronically with a Inventory or Material Balance
- Future releases of the NMMSS incorporate more output formats (Excel, PDF, etc)



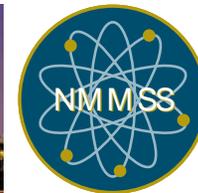
# Enhancements, continued

- Reports will contain the report parameter page



# Legend

- DOE – The statement applies to all DOE type RIS
- NRC – The statement applies to all NRC type RIS
- IAEA – The statement applies to all DOE and NRC selected or attached RIS



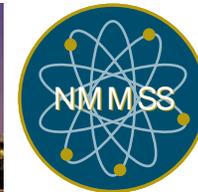
# Transaction Edit Checks

- Information in the Transfer Authority field will no longer be validated (DOE/NRC)
- Concise Note Indicator field will no longer be captured (DOE/NRC)
- Port of Entry field will no longer be captured (DOE/NRC)
- Production Code is no longer captured (DOE/NRC)



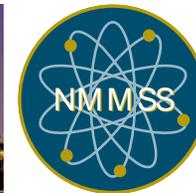
# Transaction Edit Checks, continued

- Variable Tails Assay will no longer be captured (DOE/NRC)
- Must notify NMMSS before reporting to the 3<sup>rd</sup> decimal (NRC)



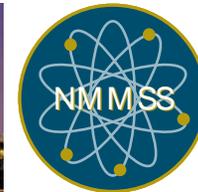
# Inventory & Material Balance Processing

- Process Code is required (IN: DOE/NRC, MB: NRC/IAEA)
  - Required on 80-column and XML
- NMMSS will process the data based on the submitted Process Code (IN: DOE/NRC, MB: NRC/IAEA)
- Concise Notes can be submitted electronically using XML (IN: DOE/NRC, MB: NRC/IAEA)



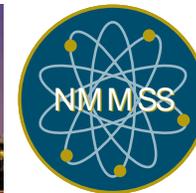
# Inventory & Material Balance Processing

- Concise Notes can be attached to the entire data set or a line item under the XML format (IN: DOE/NRC, MB: NRC/IAEA)



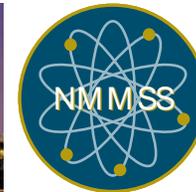
# Inventory & Material Balance Processing, continued

- A facility will have the ability to delete an entire data set, group of records with a specified material type or a record(s) with a specified sequence number(s) (IN: DOE/NRC, MB: NRC/IAEA)
  - Delete entire data set
    - RIS, Date & Process Code D
  - Delete all MT 20 records
    - RIS, Date, MT 20 & Process Code D
  - Delete a line(s)
    - RIS, Date, Sequence Number & Process Code D



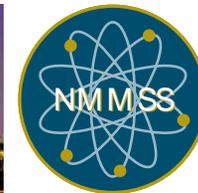
# Inventory & Material Balance Processing, continued

- A facility will have the ability to replace a record(s) with a specified sequence number(s) (IN: DOE/NRC, MB: NRC/IAEA)
  - Replace a line(s)
    - RIS, Date, Sequence Number, Process Code C and replacement line item data



# Inventory & Material Balance Edit Checks

- Data submitted with a process code “A” (initial submittal) will be counted as a duplicate during the import process if the data already exists in the system (IN: DOE/NRC, MB: NRC/IAEA)
  - A duplicate record is RIS, Date, Generic Material Type & Sequence Number



# Inventory & Material Balance Edit Checks, continued

- Data submitted with a process code “C” (Change) will be counted as an error when the data does not exist already (IN: DOE/NRC, MB: NRC/IAEA)
- Data submitted with a process code of “D” (Delete) will be counted as an error when the data does not exist (IN: DOE/NRC, MB: NRC/IAEA)



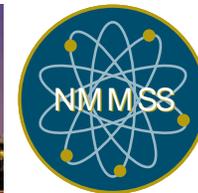
# Inventory & Material Balance Edit Checks, continued

- Must notify NMMSS before reporting to the 3<sup>rd</sup> decimal (NRC)
- Source materials are the only weights that can be reported to the 3<sup>rd</sup> decimal (NRC)



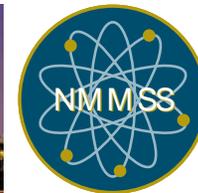
# Data File Formats

- A column will exist in the Inventory 80-column format for Process Code (DOE/NRC)
- Columns will exist in the Material Balance 80-column format for Process Code and Sequence Number (NRC/IAEA)
- The number of columns for Sequence Number is now 6 in the Inventory 80-column format (DOE/NRC)



# Data File Formats, continued

- XML Format for all data types will have a new structure (Refer to D-23 & D-24 for changes) (DOE/NRC)
- No need to indicate the existences of Concise Note (DOE/NRC)
- Weight and Weight Percent Isotope values in the XML Format must contain a decimal point (DOE/NRC)



# Data File Formats, continued

- Weight or weight percent isotope value in the 80-column format does not require the decimal point (DOE/NRC)
  - Current and Future acceptable format:  
293854 = 2938.54 or  
2938.54 = 2938.54



# Data File Formats, continued

- A negative conversion value in a numeric field will no longer be accepted. Must submit values with a negative sign in front of the number (DOE/NRC)
  - Currently accepted: 29385M = -2938.54
  - Future submissions: -2938.54

