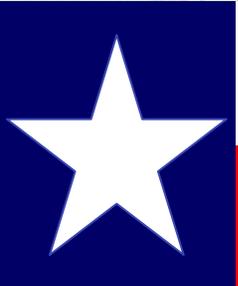


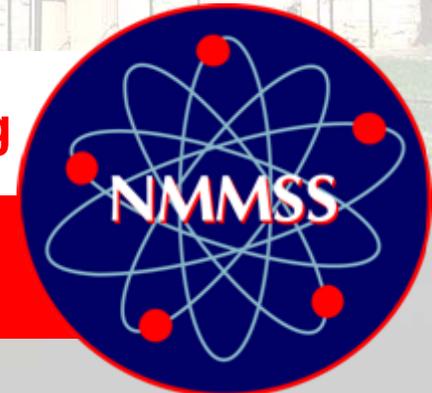
NMMSS Upgrade Impacts on Submitter

**Samuel L. Brown, Jr.
NAC International,
NMMSS Project**



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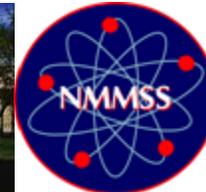
Topics

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



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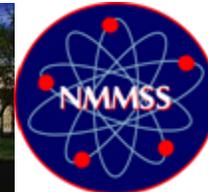
Enhancements

- 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
- Reports will contain the report parameter page



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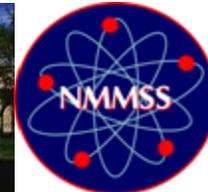
Transaction Edit Checks

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



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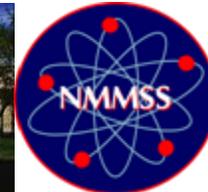
Transaction Edit Checks, continued

- Variable Tails Assay will no longer be captured
- Must notify NMMSS before reporting to the 3rd decimal (NRC Only)



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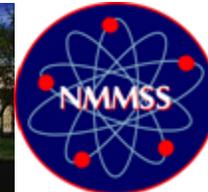
Inventory & Material Balance Processing

- Process Code will be required in 80-column and XML formatted files
- Concise Notes can be submitted electronically using XML
- Concise Notes can be attached to the entire data set or a line item under the XML format



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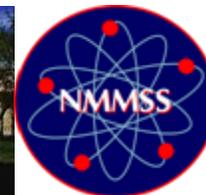


Inventory & Material Balance Processing, continued

- A facility will have the ability to delete an entire data set, a specified material type group of records or a record with a specified sequence number
 - 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

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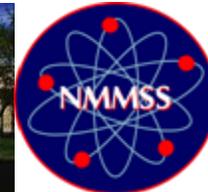
Inventory & Material Balance Processing, continued

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



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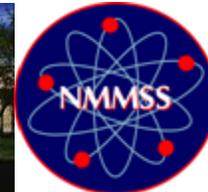
Inventory & Material Balance Edit Checks

- 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
 - A duplicate record is RIS, Date, Generic Material Type & Sequence Number



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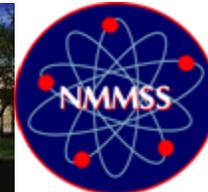
Inventory & Material Balance Edit Checks, continued

- Data submitted with a process code “C” (Change) will be counted as an error when the data does not exist already
- Data submitted with a process code of “D” (Delete) will be counted as an error when the data does not exist



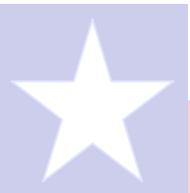
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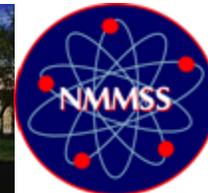
Inventory & Material Balance Edit Checks, continued

- Must notify NMMSS in advance before reporting to the 3rd decimal (NRC Only)
- Source materials are the only weights that can be reported to the 3rd decimal (NRC Only)



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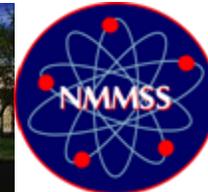
Data File Formats

- A column has been added to the Inventory 80-column format for a Process Code
- Columns have been added to the Material Balance 80-column format for a Process Code and Sequence Number
- The number of columns for Sequence Number is now 6 in the Inventory & Material Balance 80-column formats



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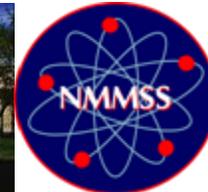
Data File Formats, continued

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



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Data File Formats, continued

- Weight or weight percent isotope value in the 80-column format does not require the decimal point
 - Current and Future acceptable format:

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
		Element Weight												
							2	9	3	8	5	4		

= 2938.54

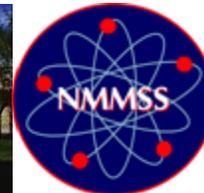
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
		Element Weight												
						2	9	3	8	.	5	4		

= 2938.54



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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

Currently accepted:

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
		Element Weight												
							2	9	3	8	5	M		

= -2938.54

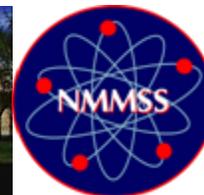
Future submissions:

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
		Element Weight												
					-	2	9	3	8	.	5	4		



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Data File Formats, continued

- Transaction Reporting Country Control Number Issue (NRC Only)
 - D-24 Industry Standard for Reporting Itemized Obligations session



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