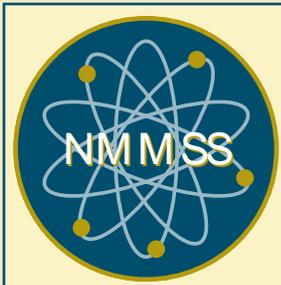


Proposed Changes To NUREG/BR-0007 Rev 5

Instructions for the Preparation and Distribution of Material Status Reports (DOE/NRC Forms 742 and 742C)

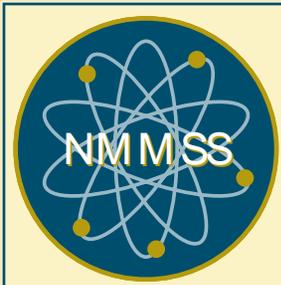
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NMMSS UPGRADE

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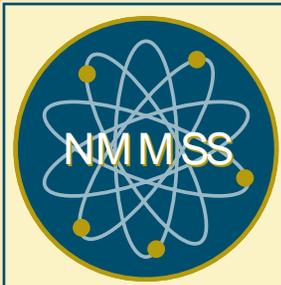
- A process to modify Material Balance Report and Physical Inventory Listing reported data for the current processing period will be initiated
 - Data can be replaced or deleted based on the specific RIS, date, material type, and sequence number combination



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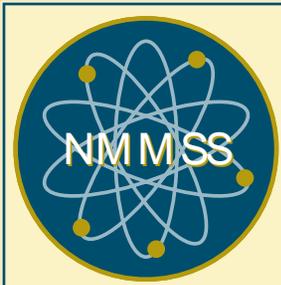
- Process code will be moved from the header to the body of the Form
 - For both the Material Balance Report (742) and Physical Inventory Listing (742C)
 - Codes A “Initial Entry”, C “Replacement of data”, and D “Deletion of data”



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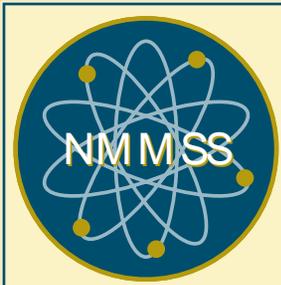
- “Correction Identification” to be deleted from the header portion of Material Balance Report (742)
- Sequence Number will be added to the body portion of the Material Balance Report (742)
 - Enter sequential numbers for detail lines starting with the number one (1)



Instructions for Completing Form 742

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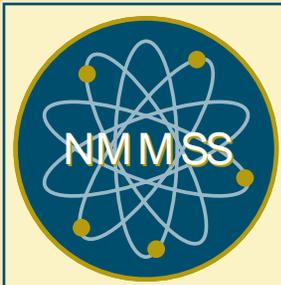
- Footnotes concerning MT 20
 - Changed the wording from “along with” to “in lieu of”
 - In several places throughout the NUREG



Instructions for Completing Form 742

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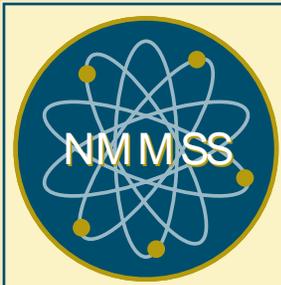
- 21 Production
 - Clarification for mills/mines reporting of “production” of Uranium
 - Mines/mills should account for material mined or milled as “production” for the reporting period.



Instructions for Completing Form 742

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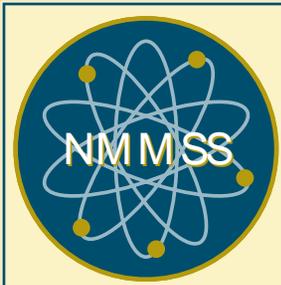
- 22 and 71
- Item Change Type
 - Enrichment facility may use the 2 digit numerical value to indicate the change type



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- 65 Rounding Adjustment
 - Used to be “Rounding Bias”
 - To account for rounding activities
 - Enter the quantity of nuclear material that is removed (as a positive number) or added (as a negative number) to the inventory as a result of rounding activities encountered by licensee.



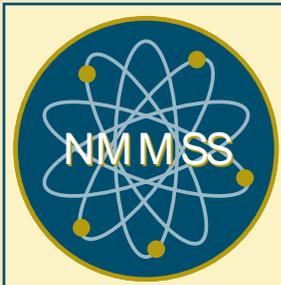
Instructions for Completing Form 742

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- 77 Inventory Difference

Clarification for Reactors

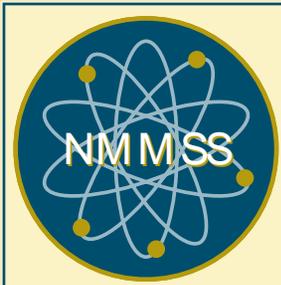
- At the time of physical inventory, the value assigned to an SNM item should be recorded identically on both the book and physical inventory
- Adjustments to the values assigned to items (representing nuclear loss, decay, production rounding, etc.) are explainable and should be reported as such, not as Inventory Difference.



Examples To Be Added

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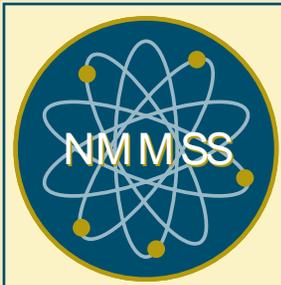
- Will Include 2 examples for Completing a 742 and 742C
 - Example 1 will be a static sealed source inventory
 - Example 2 will be for addition and removal to an inventory



Appendix Changes

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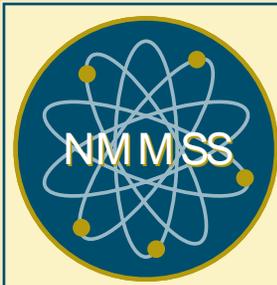
- Appendix C
 - Obligation codes updated
 - Euratom membership updated
- New Appendix for a Glossary



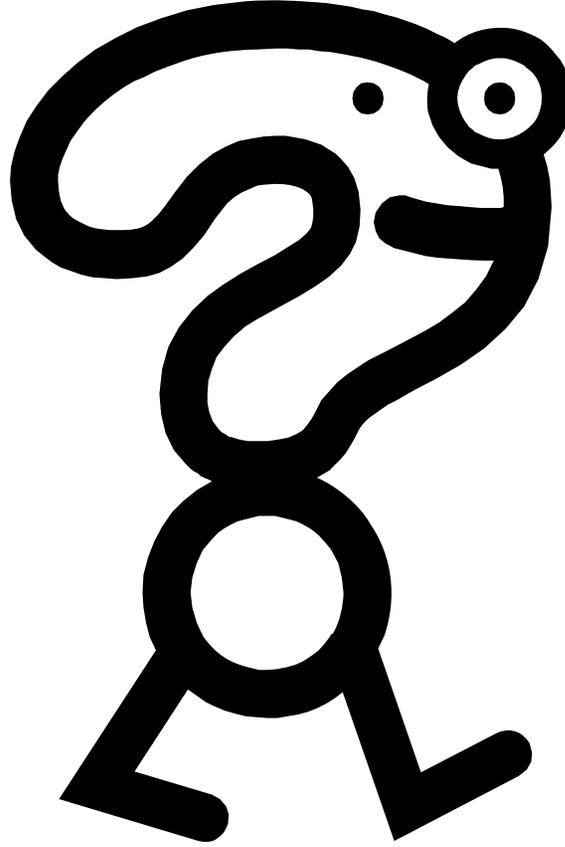
Further Considerations

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- Lower the reporting requirement of a licensee from the current 350g possession
- Define Reconciliation
- DOE considering optional reporting of SM to 3 decimal places
- CAT I facilities: DOE moving to annual reporting



Questions on Proposed Changes to NUREG/BR-0007 REV 5



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