

# WSRC Nuclear Materials Cost Module

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May 2008

Beth Calloway



# WSRC NM Cost Module

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## □ Purpose

- To meet the financial requirements outlined in The DOE Accounting Handbook.
- Accounting policies, principles and legal requirements contained in DOE Order 534.1
- Provides guidance for standards and policies of the Office of Management and Budget (OMB), the Department of Treasury and the General Accounting Office (GAO)

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- Generates WSRC monthly and fiscal year to date Inventory and Manufacturing Statement for government owned accountable nuclear materials.
- Quantity, project data, transaction information are derived from all journal history table reflected in LANMAS.



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- The I&M Statement is designed to calculate monthly ending inventory balances (both quantity and financial) based on the transactions in LANMAS.
- Calculated ending balances are compared to the monthly book values (LANMAS) to ensure they are in balance.

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- Cost module tables were designed:
  - To convert TIC (type inventory change) codes from LANMAS to financial SCC (summary class codes) which are used to report financial data in DIMS (Departmental Inventory Manufacturing System)
  - Project codes from SRSMAS are assigned to balance sheet codes (as determined by WSRC Program Management)
  - Unit cost table assigns the historical/standard unit cost of material by detail material type.

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## □ **Advantages**

- Very timely and efficient. Reports are generated immediately following the closing (rolling) of the account period by MC&A. This normally occurs around the 3<sup>rd</sup> of the month.
- Immediate balancing of financial quantities and SRSMAS book values.
- Finance has the ability to complete manual adjustments when needed; but can not alter quantities. These are usually related to confirmed receipts as well as maintaining some materials at zero value.

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- Advantages (cont'd)
  - Data input for DIMS is automated and uploaded to DIMS software on a quarterly basis
  - I&M generated from the Cost Module sometimes will reveal transactions which should be questioned and reviewed by MC&A
  - Most importantly, the timeliness and accuracy allows for financial book values of inventory to be accurately stated at fiscal year end.
  - Provides an audit trail of financial transactions for the IG/KPMG auditors

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## □ **Disadvantages:**

- Does not account for asset types 298 and 299 (weapons and weapon components) which requires manual input to DIMS. The Weapons I&M statement is generated utilizing Excel.
- Does not allow for storing the uranium cost curve information; uranium cost curve has been automated outside of the cost module
- Recording of reserve for loss account is calculated manually for input to DIMS at fiscal year end.
- Requires a manual balancing to STARS utilizing Excel.