

per 6 hours. This information is required by NAC to file a report. Send comments regarding burden estimates to 0001, or by internet e-mail to info@nacintl.com, and a signed, Washington, DC 20503. If a means used to improve and a person is not required to respond to, the information

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Inventory's
Generic
Material
Type
Concise Note
Header

FOR MORE INFORMATION
on other NAC International
Material Control & Accounting
(MC&A) products and
services, please contact:

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Everything you need to report to the NMMSS with ease

The **Nuclear Accounting and Compliance (NAC) Reporter™** is a web-based Nuclear Materials Management & Safeguards System (NMMSS) preparation software product designed with an ease of use similar to tax preparation software.

Take Some Medicine for Reconciliation Heartburn

From Hardcopy to Electronic Comparing – During the reconciliation process, facilities want to make sure that the NMMSS has received all Transactions for the reporting inventorying period. The Reconciliation Facilitator will compare Transactions from a facility's internal system to data sent to the facility from the NMMSS. All unmatched and partially matched Transaction detail lines are sorted to the top of the list in red letters. Partially matched Transaction detail lines contain an explanation on why the system believes the lines have the characteristics of a possible match. Comparisons can be performed on Inventory, Material Balance, Transactions (including obligations), Inventory Allotment and Material Balance Allotment.

User-friendly screen designs to streamline the process for reporting to the NMMSS

Simulated DOE/NRC Forms – The 741 (Transaction), 742 (Material Balance), 742C (Inventory) and 740M (Concise Notes) Entry forms for reporting Inventory, Material Balance, Transaction and Concise Note data have a familiar look because they were designed to look like the forms themselves. Quickly transpose completed hardcopy forms

into electronic form by matching the form blocks on the hardcopy to the form blocks on the screen.

Reduce Data Entry Time – A copy feature is available for copying an existing document to create another one with similar values. If the Inventory is static or only a few items have changed, simply copy last years Inventory, change the Inventory Report Date and remove and/or add items. Now, the new Inventory is ready to be submitted to the

Needs Review	# of Un-Matched Data Sets	Shipper	Receiver	Transaction Number	Correction Number	Action Code	Action Date	Line Number	Material Type	Element Weight	Isotope Weight	Batch Identification	Obligation Code
<input checked="" type="checkbox"/>	0	ZIB	DZA	0000000456		A	9/1/9999	1	20	6845.000	658.000		

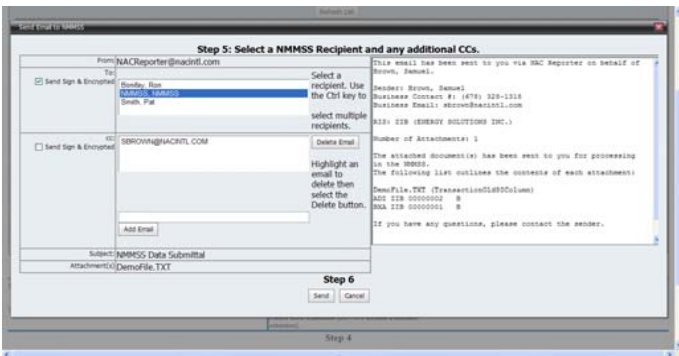
Actions	Explanation for Match	Correction Number	Data Set Name	Action Code	Action Date	Line Number	Material Type	Element Weight	Isotope Weight	Batch Identification	Obligation Code
Edit	Please review the match. The system was able to match the element weights but not the isotope weights		NMMSS Data	A	9/1/9999	1	20	6845.000	659.000		

NMMSS. Also, detail lines with similar values can be copied and modified to create additional detail lines without having to retype repeated values.

A List of Valid Values With a Click of Mouse – Get a list of valid values for form blocks that are not of free-form entry type. The drop-down list not only includes valid values for that block but provides additional information that will assist in selecting valid values for other blocks on the form. Example: The action code drop-down list not only lists valid action codes, it lists transaction type, whether detail lines are required to be reported, whether obligation information can be reported, and whether a correction number is required for the specific action code listed.

Intuitive Design – The screens have been designed to display available options depending on the state of a record. There is no need to display the option to View Violations (view errors) if the document has no errors. There is no need to allow a document to be selectable if the document contains violations (errors) when submitting data to the NMMSS. The system is *specifically designed* to import and process electronic NMMSS data without specifications on the file format and data type.

Everything you need to report to the NMMSS at the tip of your finger.



Submit Signed & Encrypted via Email - 741 (Transaction), 742 (Material Balance), 742C (Inventory) and 740M (Concise Notes) are submitted to the NMMSS via email signed and encrypted. New and/or corrections to documents can be quickly submitted by editing the document, valid, select and

submit. There is no need to hassle with submitting data on disk via snail mail, maintaining a certificate to submit via email or printing hardcopies to submit via fax.



Get Solutions for Edit Check Errors – Data is validated against DOE and NRC policies to determine if the data meets reporting requirements. With a click of the mouse, all violations can be reviewed and with each violation specified there is a resolution for fixing the violation. Violations and resolutions are written in a non-NMMSS tone so that a NMMSS newbie can understand.

Generate a Material Balance – Answering three questions and one click of the mouse, a Material Balance for a specified time period will be generated. The begin balance is pulled from the previous ending balance (Inventory or Material Balance), summary of activities are generated using Transactions with an action date that falls between the Material Balance period, and the ending balance is calculated using the beginning balance and summary of activities.

Download Electronic Version of Data – All data that is imported, exported and sent to the NMMSS is stored in the system. Those files can be downloaded to a local computer.

Share Data Electronically - The data submitter and others can be included as recipients of the email data submittal to the NMMSS. Data files imported, exported and sent to the NMMSS can be posted for a designated recipient(s) to download to their local computer and they do not have to be a NAC Reporter user. A Transaction can be copied to another active NAC Reporter user's account (an action code 'A' transaction will be copied to the other account as a 'B' action code transaction for example).

Planning Ahead – Setup alerts that remind the data submitter when the next Inventory and/or Material Balance must be reported. One or more alerts can be setup to notify the data submitter 365, 182, 190, 60 and/or 30 days before the due date that their Inventory and/or Material Balance data is due to the NMMSS soon.

Preview/Print 741, 742, 742C Forms

Preview and/or print 741 (Transaction), 742 (Material Balance), and 742C (Inventory) forms to sign and file.

DOE FORM 741 MATERIAL BALANCE REPORT		U.S. DEPARTMENT OF ENERGY U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY DOE NO. 1010-0001	EXPRESS REPORT
1. NAME AND ADDRESS ENERGY SOLUTIONS INC. 3532 E. Point Ave. Suite 300 East College Park TN 38408		2. REPORT PERIOD (MM/DD/YYYY)		3. REPORTING PERIOD (MM/DD/YYYY)	
TN 38408		04/01/2009		04/01/2009	
SECTION A MATERIAL ACCOUNTABILITY		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
PC DEG		150.218.00		1.308.00	
A. 1. BEGINNING INVENTORY - NOT DOE OWNED		150.218.00		1.308.00	
A. 2. RECEIPTS REPORTED ON FORM DOE-NRC-741		200.00		100.00	
A. 3. SHIPMENTS REPORTED ON FORM DOE-NRC-741		310.00		75.00	
A. 4. DEGRADATION TO OTHER MATERIALS		20.00		10.00	
A. 5. LOSS		4.175.00		52.00	
A. 6. ENDING INVENTORY NOT DOE OWNED		149.218.00		1.234.00	
SECTION B FOREIGN OBLIGATIONS		1. COUNTRY OF OBLIGATION		2. ELEMENT WEIGHT	
A. 1. 35. AUSTRALIA OBLIGATIONS (31)		45.122.00		234.00	
A. 2. 35. CANADA OBLIGATIONS (33)		24.122.00		115.00	
A. 3. TOTAL WEIGHT		69.244.00		349.00	

DOE FORM 742C PHYSICAL INVENTORY LISTING		U.S. DEPARTMENT OF ENERGY U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY DOE NO. 1010-0001	EXPRESS REPORT
1. NAME AND ADDRESS ENERGY SOLUTIONS INC. 3532 E. Point Ave. Suite 300 East College Park TN 38408		2. REPORT PERIOD (MM/DD/YYYY)		3. REPORTING PERIOD (MM/DD/YYYY)	
TN 38408		04/01/2009		04/01/2009	
SECTION A MATERIAL DATA		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
PC DEG		150.218.00		1.308.00	
A. 1. BEGINNING INVENTORY - NOT DOE OWNED		150.218.00		1.308.00	
A. 2. RECEIPTS REPORTED ON FORM DOE-NRC-741		200.00		100.00	
A. 3. SHIPMENTS REPORTED ON FORM DOE-NRC-741		310.00		75.00	
A. 4. DEGRADATION TO OTHER MATERIALS		20.00		10.00	
A. 5. LOSS		4.175.00		52.00	
A. 6. ENDING INVENTORY NOT DOE OWNED		149.218.00		1.234.00	
SECTION B FOREIGN OBLIGATIONS		1. COUNTRY OF OBLIGATION		2. ELEMENT WEIGHT	
A. 1. 35. AUSTRALIA OBLIGATIONS (31)		45.122.00		234.00	
A. 2. 35. CANADA OBLIGATIONS (33)		24.122.00		115.00	
A. 3. TOTAL WEIGHT		69.244.00		349.00	

DOE FORM 742 NUCLEAR MATERIAL TRANSACTION REPORT		U.S. DEPARTMENT OF ENERGY U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY DOE NO. 1010-0001	EXPRESS REPORT
1. NAME AND ADDRESS ENERGY SOLUTIONS INC. 3532 E. Point Ave. Suite 300 East College Park TN 38408		2. REPORT PERIOD (MM/DD/YYYY)		3. REPORTING PERIOD (MM/DD/YYYY)	
TN 38408		04/01/2009		04/01/2009	
SECTION A MATERIAL DATA		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
PC DEG		150.218.00		1.308.00	
A. 1. BEGINNING INVENTORY - NOT DOE OWNED		150.218.00		1.308.00	
A. 2. RECEIPTS REPORTED ON FORM DOE-NRC-741		200.00		100.00	
A. 3. SHIPMENTS REPORTED ON FORM DOE-NRC-741		310.00		75.00	
A. 4. DEGRADATION TO OTHER MATERIALS		20.00		10.00	
A. 5. LOSS		4.175.00		52.00	
A. 6. ENDING INVENTORY NOT DOE OWNED		149.218.00		1.234.00	
SECTION B FOREIGN OBLIGATIONS		1. COUNTRY OF OBLIGATION		2. ELEMENT WEIGHT	
A. 1. 35. AUSTRALIA OBLIGATIONS (31)		45.122.00		234.00	
A. 2. 35. CANADA OBLIGATIONS (33)		24.122.00		115.00	
A. 3. TOTAL WEIGHT		69.244.00		349.00	

Packages are at price points that will fit anyone's budget

Who Says One Price Fits All? –

We understand that everyone has different needs and budget constraints. NAC Reporter has been designed to be flexible enough to meet the needs of data submitters and fit within their budget. A data submitter can select options they need and we can tailor a package that meets those needs and/or budget.

The Ease of Tax Preparation Software... *But for NMMSS*

Questions and Answers –

Questionnaires have been designed to help data submitters in filling out 741 (Transaction), 742 (Material Balance), and 742C (Inventory) forms. The questionnaires present a series of questions for the data submitter to answer and at the completion of the questionnaire

fills in the forms for them. Answers to the questions on the questionnaire can be changed, generated forms can be deleted and completed again, and the completed forms can be manually changed.

The screenshot displays the NAC Reporter web application. At the top, there is a yellow header with the NAC Reporter logo and the text "Nuclear Accounting & Compliance Reporter". Below the header, a welcome message reads: "Welcome: Samuel. Your current RIS selection is ZIB" with a date of "May 11, 2010". A navigation bar contains links: Home, Admin, File, Transactions, Inventory, Material Balance, Data Exchange Center, Form Filler, and Reconciliation Facilitator. The main content area is titled "Questionnaire Information. (Show Details...)" and is divided into two columns: "Question" and "Additional Information". The "Question" column contains the text: "What is the generic Material Type for this Inventory Report?" with a dropdown menu showing "20: ENRICHED URANIUM". The "Additional Information" column contains a text area with the prompt: "Enter the Material Type that summarizes the type of material being reported on the Inventory Report." Below the text area are buttons for "Save Changes", "Finish Later", "Cancel", "Previous Question", and "Next Question". At the bottom of the page, there is a yellow footer with links: Home, Products, Contact, and Terms and Conditions, and the NAC INTERNATIONAL logo. A dark blue banner at the bottom of the screenshot contains the text "Questions and Answers".

Features that will make the IT department smile

NAC Reporter Anywhere – NAC Reporter is web-based software maintained at NAC International. Wherever there is an internet connection, there is access to NAC Reporter.

Special Needs – An interface can be developed to streamline interaction between a facility's internal system and NAC Reporter. The interface can take the guess work out of translating facility data into NMMSS data.

Intranet Anyone? – NAC Reporter can be deployed and operated on an intranet at a company.