

SAMS for Windows 4.0 New and Improved

You can have your own mini version of the NMMSS software to store your reported data, to run validation checks so you can resolve errors before NMMSS gets them, or to quickly prepare an electronic data file to send to NMMSS using your stored data. All that and more is available in the NMMSS Safeguards Management System software; called SAMS.

SAMS software runs on Windows 95, 98, NT, 2000, or XP! The newest version, SAMS, will look familiar to those who have used earlier versions but many new features have been added to allow for changes in reporting. Here are a few of those new features:

- New screens,
- Better looking Reports, and
- Validation (edit checks) of Inventory, Material Balance Transaction, and Obligations data.

The updated SAMS User's Manual is available on the installation CD. In addition to the step-by-step instructions, field descriptions, screen shots, and report examples found in earlier versions of the SAMS User's Manual, some new features have been added such as:

- A table of contents,
- An index,
- Directions from Microsoft to allow you to print to a network printer,
- New directions and screen shots for entering obligations data, and
- A reader's comments form to help us make

the guide even better next time!

If you would like a copy of the new SAMS for Windows version 4.0 on CD mailed to you, send an email to Jeff Anderson at janderson@nacintl.com, fax us at (770) 409-1310 attention Jeff Anderson, or give us a call (770) 662-8110.

I Want My SAMS Training Now!!!

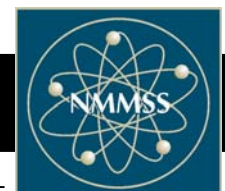
The NMMSS would like to host another SAMS training class in Atlanta, GA. If you have a serious interest in attending a two-day SAMS for Windows training class, please let us know as soon as possible. Simply send us the message 'I want my SAMS training now!' Include your name, RIS or facility name, contact number and best time of year for you (Spring, Summer, Winter or Fall). Please fax (770.409.1310), call or email any NMMSS staff member with the above information. The message must have ALL requested information or your vote will NOT count. We need at least twelve serious SAMS users to consider hosting another training class.

Note: This class is strictly for teaching users how to use SAMS. This class is not for individuals that do not have a basic understanding of data submission to the NMMSS. Refer to NMMSS I, NMMSS II and/or the NRC NMMSS training classes for that type of training.

Licensee Training in NMMSS Reporting

The licensee training course will be held October 11-13, 2005 in Atlanta, Georgia. The course will include the following topics, among others:

- Completion of data input forms: transaction, material balance and inventory
- Demonstration of the use of SAMS in creating electronic data submissions



- Options for sending data to NMMSS electronically

Class size must be between 5 and 20 in order to conduct the course. You may register for the class and obtain a course syllabus by contacting Ron Bonifay at 678-328-1116 or by email at rbonifay@nacintl.com. Be sure to include your name, job title, facility name, address, telephone number and email address.

DOE/NRC Forms for NMMSS Reporting

The current forms to be used by DOE and NRC for NMMSS reporting are located on the NMMSS website. They can also be accessed on the NRC website via the following links:

Nuclear Material Transaction Report (741)

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc741.pdf>

Concise Note (740M)

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc740m.pdf>

Material Balance Report (742)

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc742.pdf>

Physical Inventory Listing (742C)

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc742c.pdf>

Unification Committee Held Meetings with Industry

On August 9, the committee working on the unification of DOE and NRC reporting requirements met with personnel from USEC Headquarters, Paducah and Portsmouth.

On August 11, a similar meeting was held with the vendors which supply nuclear accounting software to power reactors.

Topics discussed at the meetings included the NMMSS reporting changes contained in the soon to be issued DOE Manual 470.S-6, Nuclear Material Control and Accountability. In addition, possible additional changes were discussed including:

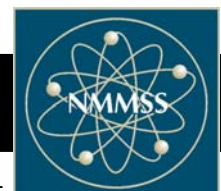
- Handling of open item status on import/export transactions
- Reporting requirements related to source materials (see the following article for more information on this topic)
- Reporting requirements for the "For Account" and "To Account" 741 information
- Waste reporting requirements
- "MBA level" inventory reporting

Look for articles on proposed changes to NMMSS reporting requirements in future issues of the NMMSS News.

Proposed Units of Measure for Reporting Source Material

During the meetings that the Unification Committee held in August, there were several suggestions that the reporting unit of source material be changed to grams units. It was noted that source material is currently reported in kilograms rounded to the nearest kilogram. In order to alleviate rounding issues, the NMMSS sponsors were urged to consider allowing more precision for source reporting. At this time, the sponsors propose that the source reporting unit would remain kilograms but an additional three decimal places would be allowed (thousandths of a kilogram instead of kilogram). For example, 1,655 grams could be reported as 1.655 kilograms. DOE, NRC and the NMMSS operator would like your thoughts on this suggestion. If acceptable, the change would be implemented with the NMMSS Upgrade System in 2008.

Please direct your comments on this issue to Ron Bonifay at 678-328-1116 or rbonifay@nacintl.com.



Electronic Reporting to NMMSS

NMMSS has been asked to make clear the requirements for electronic data submission, related to NUREG/BR-0006 and NUREG/BR-0007. Data submitted on diskettes is considered an electronic data submission, and mailing diskettes is an acceptable method to send data to NMMSS. This information is meant to clarify the article "Electronic Data Submission and Report Distribution" presented in the June/July 2005 NMMSS News.

NRC Reactor Reporting

During the 2005 NMMSS Users Meeting, the Nuclear Regulatory Commission (NRC) staff noted that reactors should never report an inventory difference to NMMSS. An inventory difference is the difference between the book inventory and the results from performing a physical inventory. However, at the time of physical inventory, the value assigned to an SNM item (assembly, rod, fragment, container, etc.) should be recorded identically on both the book inventory and the physical inventory. Since reactors do not directly quantify (measure nuclear materials) they should not report inventory differences. At a reactor, adjustments to the values assigned to items (representing nuclear loss, decay, production rounding, etc.) are explainable and should be reported as such.

If you have questions concerning this article, you are asked to contact NRC staff members Martha Williams at 301-415-7878 or Brian Horn at 301-415-8128.

Licensee Reporting "Rounding Adjustments to NMMSS

As a result of discussions that occurred at the 2005 NMMSS Users Meeting and other venues, the NRC has determined that a clear concise method is needed for industry to report rounding adjustments to the NMMSS database. The NRC has discussed this need with the NMMSS operator and the Department of Energy. As a result of these discussions, the NRC has directed the NMMSS operator to accept NMMSS transactions citing an inventory change code (ICT) of 65 (sixty-five) from licensees for the sole purpose of

documenting rounding adjustments by licensees. NMMSS has confirmed that it will start accepting NMMSS transactions with ICTs of 65 immediately. NRC will include this change in its next updates of NUREG/BR-0006 "Instructions for Completing Nuclear Material Transaction Reports" and NUREG/BR-0007 "Instructions for the Preparation and Distribution of Material Status Reports" to note that ICT of 65 may be used to report rounding adjustments by licensees. A positive number reported in a NMMSS transaction report with an ICT of 65 means that the licensee has a reduction of nuclear material as a result of rounding adjustment and a negative number means that the licensee has a gain of nuclear material as a result of the rounding adjustment. ICT 65 is currently named "Rounding Bias" and expected to be renamed to "Rounding Adjustment" in the next update of the two NUREGs and the next renewal of the DOE/NRC Form 742 for continued use.

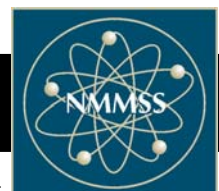
If you have questions concerning this article, you are asked to contact NRC staff member Brian Horn at 301-415-8128.

Revised D-24 Directory Available

The latest revision of the D-24, "Personal Computer Input for Nuclear Regulatory Commission Licensees, Revision 2, September 2005", is currently on the NMMSS website at www.nmmss.com. It should be noted that since the last edition of the NMMSS News there have been two revisions of the D-24. Revision 1, August 2005, included all the changes that were proposed in the special edition of the NMMSS News May 2005 and presented for comment at this year's NMMSS Users Annual Training Meeting in New Orleans. Subsequently, it was necessary to issue Revision 2 to correct some typographical errors detected in Revision 1.

Farewell to Dietrice Bigby-King

Dietrice Bigby-King resigned her position as a NMMSS Analyst on July 31 in order to be at home and spend more time with her son, Teddy. Dietrice was with NMMSS for more than seven years. In addition to her analyst responsibilities, she served as interim security officer for approximately one year,



and also provided support to cyber security for several years. She will be missed and we wish her well.

Farewell to Donna Hinton

Donna Hinton, the NMMSS Program Administrator has also resigned, after serving eight years in this position. Donna was usually the first person a customer would speak with when calling NMMSS. She was also well known for her invaluable support in organizing the NMMSS Users Annual Training Meetings. We will miss Donna as she leaves to pursue other career interests.

2006 and 2007 NMMSS Users Annual Training Meetings

The 2006 NMMSS Users Annual Training Meeting will be held May 23-25, 2006 at the Caribe Royale Suites in Orlando, Florida. More information on the meeting will be provided over the coming months.

Also, the 2007 NMMSS Users Annual Training Meeting will be held May 22-24, 2007 at the Westin Peachtree Plaza in downtown Atlanta, Georgia.

NMMSS Customer Service

Please forward your comments on NMMSS customer service to Dan Collier by calling 678-328-1120 or by email at dcollier@nacintl.com. Comments may similarly be submitted to Peter Dessauls (301-903-4525, pete.dessaules@hq.doe.gov) or Brian Horn (301-415-8128, bgh1@nrc.gov). Areas of interest include, but are not limited to, accessibility by telephone, promptness of response to reporting questions, promptness of response to data requests and quality of assistance given.

Questions?

Do you have NMMSS related questions that you would like to see addressed in a future NMMSS News? If so, please forward them to Tina Barnett at 678-328-1126 or by email at tbarnett@nacintl.com.

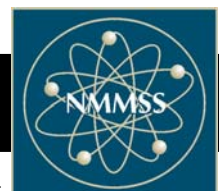
Establishing or Deactivating a RIS for NMMSS Reporting

DOE RIS

In order for a new DOE RIS to be established in the NMMSS, the requesting organization must contact their field element or site office. The field office will provide the required information to DOE Headquarters, Office of Plutonium, Uranium and Special Materials Inventory, (SO-20.3). After SO-20.3 coordinates with the appropriate DOE Headquarters program offices and the Office of Financial Policy, they will instruct the NMMSS operator to assign the new RIS. The deactivation of the DOE RIS occurs when a facility's authorization to store/handle nuclear materials inventory is withdrawn. Before deactivation all inventory must be removed to a balance of zero. Notification of deactivation is sent from the field element or site office to SO-20.3. After SO-20.3 coordinates with the appropriate DOE Headquarters program offices and the Office of Financial Policy, they will instruct the NMMSS operator to deactivate the RIS. For additional guidance on establishing a new DOE RIS, please contact Tina Barnett at tbarnett@nacintl.com or 678-328-1126.

NRC RIS

In order for a new NRC or Agreement State Licensee RIS to be established by NMMSS, the requesting organization must contact Patricia Tana at NRC Headquarters (301-415-8107) who in turn will instruct NMMSS to assign the new RIS. Before deactivation, all associated inventories must have a zero book balance. Prior to deactivation, the NRC will request confirmation from NMMSS that the nuclear material balance is zero, and will subsequently instruct NMMSS to deactivate the RIS. For additional guidance on establishing a new NRC RIS, contact Ron Bonifay at rbonifay@nacintl.com or 678-328-1116.



Transaction and Inventory Due Dates For DOE Sites

Please note NMMSS transaction and inventory due dates for DOE sites are as follows.

Reporting Month	Transactions Due	Inventory Due
September 2005	October 12	October 17
October 2005	November 10	November 15
November 2005	December 12	December 15
December 2005	January 12	January 16

The NMMSS News is published at the direction of DOE and NRC. General comments on the publication can be made to Dan Collier of NAC (dcollier@nacintl.com, 678-328-1120), Peter Dessaulles of DOE (Pete.Dessaules@hq.doe.gov, 301-903-4525), or Brian Horn of NRC (BGH1@nrc.gov, 301-415-8128).

Calendar of Events

Dates	Events
October 11-13, 2005	NMMSS Training for NRC Licensees, Atlanta
March 21-24, 2006	MCA-112, NMMSS I, for DOE entities, Albuquerque
May 23-25, 2006	2006 NMMSS Users Annual Training Meeting, Orlando
June 20-22, 2006	MCA-212, NMMSS II, for DOE entities, Albuquerque

2005 NMMSS Holiday Schedule

NMMSS Closed	Occasion
November 24-25	Thanksgiving Holidays
December 23 & 26	Christmas Holidays

