

NMMSS news

PUBLISHED PERIODICALLY BY & FOR NMMSS USERS

MARCH/APRIL 2007

Plan to Attend the 2007 NMMSS Users Annual Training Meeting

The 2007 NMMSS Users Annual Training Meeting will be held May 22-24 at the Westin Peachtree Plaza, 210 Peachtree Street, in downtown Atlanta, Georgia. The training meeting's general sessions will focus on:

- ◆ Changes to NMMSS Reporting Under the NMMSS Upgrade
- ◆ Review of the Upgraded Safeguards Management Software (SAMS)
- ◆ Waste facility reporting
- ◆ Foreign Obligations – What Do They Affect and Who Receives the Information
- ◆ Review of Electronic Reporting Methods
- ◆ Plans for the changes in NRC requirements for source material reporting
- ◆ Handling of Rounding and Decay

There will be breakout sessions for the DOE contractors and NRC licensees to discuss issues and topics of specific interest. The NRC session will cover such areas as NRC reconciliation and NUREG draft changes and upcoming rule changes. The DOE session will highlight DOE reconciliation, financial uses of NMMSS data, foreign obligations at DOE sites, and a DOE policy change update.

In addition to the general and breakout sessions, a training session on the current Safeguards Management Software (SAMS) will be conducted for new and experienced users.

MEETING REGISTRATION

If you have not already done so, please complete the meeting registration form. The electronic form is located at www.nmmss.com. Select "PRESS HERE" to continue to the website.

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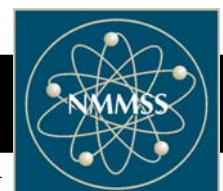
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To continue in the Nuclear Material Management and Safeguards System (NMMSS) web site [PRESS HERE](#).

Select "May 22-24, 2007 NMMSS Users Annual Training Meeting" under "UPCOMING CALENDAR EVENTS". The link to the registration form is "2007 NMMSS Users Training Meeting Registration Form".

The screenshot shows the NMMSS website interface. At the top, it says "U.S. DEPARTMENT OF ENERGY U.S. NUCLEAR REGULATORY COMMISSION NUCLEAR MATERIALS MANAGEMENT & SAFEGUARD SYSTEM". Below that is a search bar and a navigation menu with items like Home, Reservations & Forms, Data's, Training & Info, Calendar Events, and About NMMSS. The main content area features a heading "2007 NMMSS Users Training Meeting" and text stating: "The 2007 NMMSS Users Training Meeting will be held May 22-24, 2007 in Atlanta, GA at the Westin Peachtree Plaza. To book, modify, or cancel a hotel reservation please access the following site: NAC International NMMSS Users Group Conference". Below this, there are links for "2007 NMMSS Users Training Meeting Brochure" and "2007 NMMSS Users Training Meeting Registration Form".

Complete the registration form and fax (770-409-1310) or email it directly to the attention of Shirley Williams. Please note that providing us with the completed form will register you for the meeting but does not reserve your room. Links are also available for the meeting brochure and hotel reservations on the "2007.NMMSS Users Annual Training Meeting" webpage (<http://www.nmmss.com/2007nmmssstrainingmeeting.html>).



MAKING HOTEL RESERVATIONS



Please make your hotel reservations directly with the Westin Peachtree Plaza by calling 1-800-WESTIN-1 (1-800-937-8461). To receive the special negotiated rate of \$124 per night (single or double) or \$144 (triple or quad), inform the reservation agent of your attendance at the NAC International NMMSS Users Group Conference. You may also make hotel reservations at the meeting's personalized website:

<http://www.starwoodmeeting.com/StarGroupsWeb/res?id=0608100035&key=35EC5> (or using the link from the meeting webpage). Please note that the room rate is subject state and local taxes, currently 15 percent. Reservations must be made with the hotel by May 1, after which time the rooms will be released for sale to the general public. After May 1, the hotel agrees to make every effort to accommodate any late requests and reservations above the number of rooms blocked at the guaranteed rate. Should you decide to arrive in Atlanta early or remain following the meeting, we are pleased to announce that the special rate of \$124 will be honored three days prior to and three days following the meeting, based on guest room availability.

GETTING THERE

The Westin Peachtree Plaza is located within walking distance of the Peachtree Center MARTA Station (Station N1). From Hartsfield-Jackson International Airport, take either the North (North Springs) or Northeast (Doraville) MARTA train to Peachtree Center. For more information on MARTA, visit itsmarta.com. The cost is \$1.75 each way.

The Atlanta Link provides shuttle service between the airport and the Westin Peachtree Plaza. For additional information on rates, reservations, location, and schedules, please go to www.theatlantalink.com. The cost is \$16.50 one way or \$29.00 roundtrip.

For information on driving directions to the hotel, please go to <http://www.starwoodhotels.com/westin/property/area/directions.html?propertyID=1023>.

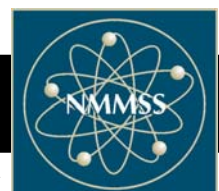
VISITING ATLANTA

Before and after the meetings, there are several exciting things to do and see in Atlanta. Visit the world's largest aquarium and the beluga whales and whale sharks (www.georgiaaquarium.org), take a tour of the fast-paced world of CNN (<http://www.cnn.com/tour/atlanta/>), or visit the zoo's newest panda cub (www.zooatlanta.org). In addition, during the week of the meetings, the Atlanta Braves (www.atlantabrades.com) will be in town taking on the New York Mets (Tuesday through Thursday) and the Philadelphia Phillies (the following Friday through Sunday).

For additional ideas on things to do while visiting Atlanta, just click on www.metroatlantachamber.com or www.atlanta.net.

2007 LANMAS Annual Users Group Training Meeting

The Local Area Nuclear Material Accountability Software (LANMAS) Annual Users Group Training Meeting will be held on Monday, May 21, 2007, from 9:00 a.m. to 5:00 p.m., in the International D meeting room of the Westin Peachtree Plaza. The meeting is for users to exchange information and obtain further clarification on LANMAS related activities and is scheduled in conjunction with the NMMSS Users Annual Training Meeting (May 22 to 24, 2007). Discussions will focus on a status update of the LANMAS program, including user needs, software development, enhancements, ongoing installations, maintenance activities, and training. To confirm your attendance at the meeting or request



additional information, contact Fay Armstrong, Chair of the LANMAS User Group, at 803-725-1731 or by email at fay.armstrong@srs.gov.

SAMS Training Scheduled in Conjunction with Users Meeting

An abbreviated Safeguards Management Software (SAMS) training will be held at the Westin Peachtree Plaza in Atlanta, Georgia on the afternoon of May 24. SAMS is a facility-based version of the Nuclear Materials Management & Safeguards System (NMMSS) software, managed by NAC International, for the U.S. Department of Energy (DOE) and the U.S. Nuclear Regulatory Commission (NRC). The SAMS software package provides the NMMSS user the ability to input data and perform edit checks at their facility for transactions, material balance reports, and inventories. The functionality of the system is similar to the NMMSS, enabling the user to resolve problems and make corrections prior to sending the data to NMMSS. The data can be exported to a text file to send to NMMSS via electronic media, direct link, encrypted email, or DOE's Secure Information Management Exchange (SIMEX).

The free training offered by NAC International will be of interest to those currently using SAMS, small facilities with few transaction activities, and larger facilities planning to automate their system and integrate SAMS. This seminar will cover versions currently being used to report to NMMSS. In early 2008, a training session will be offered covering the use of the SAMS version to be used once the NMMSS Upgrade is implemented.

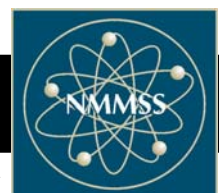
If you are interested in attending the training for the current SAMS, please contact Ron Bonifay at rbonifay@nacintl.com or 678-328-1116.

New NRC Edit Check

Historically, NMMSS has accepted nuclear material transactions from NRC licensees for any material type and owner code that is tracked by the NMMSS. Many of the nuclear material transactions involved

materials that the NRC does not require to be reported to NMMSS. Over the past couple of years, the NRC has directed NMMSS to work with NRC licensees to remove balances of materials in the NMMSS data base that is not required by NRC regulations to be in NMMSS. NRC and DOE have recently agreed that actions shall be taken to ensure that balances of materials that are not required by the NRC to be in NMMSS are not reintroduced into the NMMSS data base. In response to a joint DOE and NRC directive, the NMMSS operator has developed an NMMSS edit check that will flag as an error any NRC licensee submission of material that is not required to be reported to NMMSS. This NMMSS edit should impact few, if any, licensees. Following is some additional information on this edit check.

- ◆ Transactions for receipt, shipment, or on-site adjustment (A-M transaction) of "J-ownership" (Not U.S. Government owned) materials types for Am-241, Am-243, californium, curium, deuterium, enriched lithium, neptunium, and tritium will be flagged as an error and not accepted into NMMSS.
- ◆ Transactions for the receipt, shipment, or on-site adjustment of "J-ownership" (Not U.S. Government owned) materials types for depleted uranium, natural uranium, enriched uranium, uranium in cascades, U-233, thorium, plutonium, and Pu-238 will be accepted into NMMSS.
- ◆ Transactions for the receipt, shipment, or on-site adjustment of "G-ownership" (U.S. Government owned) materials types for Am-241, Am-243, californium, curium, deuterium, enriched lithium, neptunium, tritium, depleted uranium, natural uranium, enriched uranium, uranium in cascades, U-233, thorium, plutonium, Pu-238, and Pu-242 will be accepted into NMMSS.
- ◆ Transactions documenting a change in ownership for all material types will be accepted into NMMSS.



The above is meant to provide a general description of the new edit check. For assistance with specific situations, please contact a NMMSS analyst. Also, additional guidance for reporting "G-ownership" material is located in DOE Manual 470.4-6.

This NMMSS edit check will become effective June 1, 2007 and is expected to have minimal impact on the licensee community.

Dates Finalized for Upcoming NMMSS Training Course for NRC Licensees

The next licensee NMMSS-1 training course is scheduled for April 24-26, 2007 in Atlanta, Georgia. The course will include the following topics among others:

- ◆ Completion of data input forms: transaction, material balance, inventory, and concise notes
- ◆ Demonstration of the use of SAMS in creating electronic data submissions
- ◆ Options for sending data to NMMSS electronically

The desired class size is 20 or less. 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. Note, there is no cost for this course.

Availability of D-2, D-3, & D-15 Version 2.3.2007

Version 2.3.2007 of the D-2 (Contractor Directory), D-3 (Licensee Directory), and D-15 (International Directory) is now available upon request. Contact Shirley Williams (678-328-1206 or swilliams@nacintl.com) today for the latest copy of the D-2, D-3, and D-15.

NMMSS Website Redesign!!!

The NMMSS website has been redesigned to be more user-friendly with better content organization. The website will be periodically updated with new or pertinent information and suggested changes from the sponsors, users, and NMMSS staff. All comments, suggestions, and questions are encouraged and should be sent to the NMMSS webmaster, Jessica Norles, at jnorles@nacintl.com.

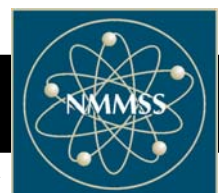
Establishing or Deactivating a RIS for NMMSS Reporting

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 Information Management, (HS-1.22). HS-1.22 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. Request for NMMSS deactivation of the RIS is sent from the field element or site office to HS-1.22. HS-1.22 will confirm with the NMMSS that the nuclear material balance is zero and 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 Brian Horn at NRC Headquarters (301-415-8128) who in turn will instruct NMMSS to assign the new RIS. Before deactivation, all inventories must be removed to a balance of zero. A request for the deactivation of a NRC issued RIS must also be directed to Brian Horn at the NRC (301-415-8128). 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.

Current Obligation Codes

Transaction Code	MB Code	Description
31	85	Australia
32	86	Canada
33	87	Euratom*
34	88	Japan
35	89	Peoples' Republic of China
37	TBD	Switzerland
38	A1	Argentina
39	A2	Brazil
40	A3	Chile
81	94	Australia/Japan
82	95	Canada/Japan
83	96	Euratom/Japan
84	97	Australia/Euratom/Japan
85	98	Canada/Euratom/Japan
86	99	China/Japan
87	I1	Australia/Canada
88	I2	Australia/Euratom/Canada
91	91	Australia/Euratom
92	92	Canada/Euratom
WR	93	Former Soviet Union Weapons

* Euratom is comprised of the following 27 member states: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Hungary, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, and the United Kingdom.

Please contact Michelle Romano at 678-328-1112 or mromano@nacintl.com if you have any questions about this list of foreign obligations codes. If you need to establish a new code, please inform the appropriate contact. For NRC licensees, the contact

is Brian Horn, 301-415-8128 or bgh1@nrc.gov. For DOE contractors, the contact is Peter Dessaulles, 301-903-4525 or pete.dessaules@hq.doe.gov.

Meet the Staff

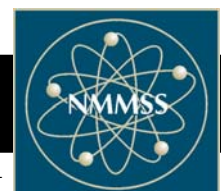
This month's featured staff member is Gary Hirsch. Gary has been with NMMSS for 13 years. He is a Senior Analyst and has primary responsibility for the international data analysis and reporting requirements of the NMMSS project. He is responsible for collecting, processing, analyzing, and distributing data in accordance with the International Atomic Energy Agency (IAEA) requirements. He serves as the point of contact for interpreting requirements and resolving reporting issues for the DOE, NRC, and IAEA as related to their specific reporting requirements. Gary serves as a very visible asset of the NMMSS Project. He represents NMMSS at the annual NMMSS User's Meeting, at the annual INMM Conference, and at both formal and informal training courses throughout the year. You can contact Gary at ghirsch@nacintl.com or 770-328-1117.

NMMSS Outreach

Outreach to our users who submit data to the NMMSS is one of our most important responsibilities. Although the NMMSS presents an annual users training meeting, individualized assistance is also available from the DOE NMMSS sponsor and NMMSS staff. By working with our user sites in their own environment, our dedicated team can discuss issues, share knowledge and experiences, and help resolve data problems. To request assistance from DOE Headquarters, please contact Peter Dessaulles on 301-903-4525 or at pete.dessaules@hq.doe.gov. If you would like assistance from the NMMSS staff, please contact Dan Collier on 678-328-1120 or at dcollier@nacintl.com.

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.



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
March 2007	April 11	April 16
April 2007	May 10	May 15
May 2007	June 12	June 15
June 2007	July 12	July 16
July 2007	August 10	August 15
August 2007	September 13	September 17

Calendar of Events

Dates	Events
April 24-26, 2007	NRC NMMSS-I Training Course, Atlanta
May 21, 2007	2007 LANMAS Annual Users Group Training Meeting, Atlanta
May 22-24, 2007	2007 NMMSS Users Annual Training Meeting, Atlanta

2007 NMMSS Holiday Schedule

NMMSS Closed	Occasion
May 28	Memorial Day
July 4	Independence Day
September 3	Labor Day
November 22-23	Thanksgiving
December 24-25	Christmas

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

