

# NMMSS news

PUBLISHED PERIODICALLY BY & FOR NMMSS USERS

MAY/JUNE 2007

## 2007 NMMSS Users Annual Training Meeting

The 2007 NMMSS Users Annual Training Meeting was held in Atlanta, Georgia May 22-24, 2007. Approximately 130 attendees were at this year's meeting. A special thanks to all the speakers for interesting and informative presentations. The meeting provided opportunities for the NMMSS user community to share insights and experiences on nuclear material accounting issues. Major topics of discussion included:

- ◆ The Nuclear Renaissance
- ◆ NMMSS Software Upgrade Schedule
- ◆ Impact of the NMMSS Upgrade on Data Submitters
- ◆ SAMS Demo, Training, and Users Group Formation
- ◆ Electronic Communication with NMMSS
- ◆ Planned Changes to NUREGS and NRC Rulemaking
- ◆ Discussions on Obligation Issues
- ◆ Upcoming Sealed Source Tracking
- ◆ Optional Gram Unit Reporting for Source Material
- ◆ Information on the Additional Protocol

The opportunity to attend training on the Safeguards Management Software (SAMS) 5.0 was also provided.

To learn more about the information provided at the meeting, please visit [www.nmmss.com](http://www.nmmss.com), where the presentations are available.

The results of the surveys indicated that the meeting was an overall success and one of the best ever.

## RECOGNITION OF EXCELLENCE IN NMMSS REPORTING

One of the most popular events was the recognition of several facilities for excellence in reporting to the NMMSS during calendar year 2006. Selection criteria was based on a combination of their low transaction and inventory error rates, responsiveness to correcting and resolving problems, knowledge of reporting requirements, and minimal time taken to reconcile.

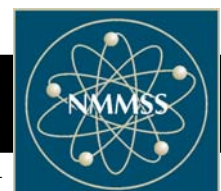
NRC facilities recognized:

- ◆ AREVA, NP, Inc.
- ◆ Arizona Public Service, LLC
- ◆ Duke Energy
- ◆ Exelon Generation Co., LLC
- ◆ Global Nuclear Fuel – Americas
- ◆ United States Enrichment Corporation (USEC), Paducah



DOE facilities recognized:

- ◆ Argonne National Laboratory, Illinois Site
- ◆ Battelle Energy Alliance, Idaho National Laboratory
- ◆ Bechtel Bettis, Inc., Bettis Atomic Power Laboratory
- ◆ Bechtel Bettis, Inc., Naval Reactors Facility



- ◆ Bechtel Jacobs Company, ETP and ORNL
- ◆ BWXT, Lynchburg
- ◆ BWXT Pantex
- ◆ BWXT Y-12, International Safeguards Storage
- ◆ Sandia National Laboratories – Albuquerque
- ◆ University of California, Lawrence Livermore National Laboratory
- ◆ University of California, Los Alamos National Laboratory
- ◆ Uranium Disposition Services, Portsmouth
- ◆ UT-Battelle, Oak Ridge National Laboratory
- ◆ Washington Savannah River Company

Jason Cybulski of Honeywell and Jean Wartonick of USEC Headquarters were presented awards for their support in resolving complex issues related to reporting of foreign obligations, including responsiveness to correcting and resolving problems and knowledge of reporting requirements.

Jonnette Thier of Westinghouse-Columbia was also recognized for her years of involvement with the NMMSS and for her regular participation in numerous NMMSS Users Annual Training Meetings.

Congratulations to all of this year's award recipients!

## Draft ANSI 15.8 Available for Review

DRAFT

American National Standard  
for Nuclear Facilities

### Special Nuclear Material Control and Accounting Systems for Nuclear Power Plants

During this year's NMMSS Users Annual Training Meeting, a presentation was provided on the draft of ANSI 15.8 "Special Nuclear Material Control and

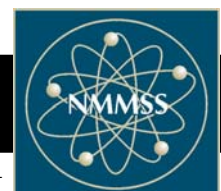
Accounting Systems for Nuclear Power Plants". Copies of the draft were distributed to the attendees and a discussion of the draft ANSI was held. The presenters noted that the plan is to finalize the draft ANSI and submit it to the ANSI standard group at the INMM meeting in July. The presenters also noted that if the attendees have comments on the draft ANSI, they have until June 15th, to provide their comments to Mr. Giancarlo Delfini ([gdelfin@entergy.com](mailto:gdelfin@entergy.com), 914-734-6866), Ms. Martha Williams ([mw2@nrc.gov](mailto:mw2@nrc.gov), 301-415-7878), or Ms. Dori Votolato ([dxv1@nrc.gov](mailto:dxv1@nrc.gov), 301-415-7633) who are on the working group developing ANSI 15.8.

## 2008 NMMSS Users Annual Training Meeting



The 2008 NMMSS Users Annual Training Meeting will be held May 20-22, 2008 at the Omni San Antonio Hotel in San Antonio, Texas. Planning for the meeting has started. In order to make the meeting as productive as possible, we need your input as to the topics to be covered in papers and open discussions. Please take a moment and provide your valuable views to us.

In addition, we are looking for volunteers to present papers and participate in roundtable discussions. Getting more users involved will make for a more interesting and useful meeting. Please forward your input to Dan Collier at 678-328-1120 or [dcollier@nacintl.com](mailto:dcollier@nacintl.com)



## Upcoming NMMSS Training Course for NRC Licensees

The licensee training course will be October 9-11, 2007 in Atlanta, Georgia and will cover the current version of NUREG/BR-0006 & 0007. The course will include topics such as:

- ◆ Completion of data input forms: transaction, material balance, 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 between ten and twenty students. You may register for the class and obtain a course syllabus by contacting Ron Bonifay at 678-328-1116 or by email at [rbonifay@naicntl.com](mailto:rbonifay@naicntl.com). Be sure to include your name, job title, facility name, address, telephone number, and email address. Note: there is no cost to attend this course.

A NMMSS Training Course for NRC Licensees covering the 2008 version of NUREG/BR-0006 & 0007 has been scheduled for March 20-22, 2008 in Atlanta.

## Upcoming NMMSS I Training Course for DOE

The NMMSS I (MCA-112) training course has been scheduled at the Department of Energy's National Training Center (NTC) in Albuquerque, New Mexico for January 28-31, 2008. This course is designed to help personnel who have fewer than two years experience in materials accountancy.

Prerequisites for the class are successful completion of two computer-based training courses: Introduction to Nuclear Materials Control and Accountability (MCA-101DC) and Transaction Data Systems (MCA-103DC).

There are no training fees for DOE facility /office personnel or DOE contractors. Other persons must pay a training fee.

Go to the NTC website, [www.ntc.doe.gov](http://www.ntc.doe.gov), to learn

more about the course, obtain copies of the course prerequisites, and to register for the course.

## SAMS 5.0 Training Seminar Scheduled

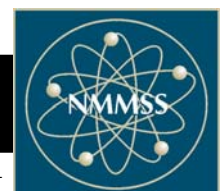
The Safeguards Management Software (SAMS) Version 5.0 training has been scheduled for November 16-17, 2007. The class will be a two-day hands-on computer-based course, and will be limited to 15 participants in Atlanta, Georgia.

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 seminar 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 of SAMS currently being used to report to NMMSS. A training session has been scheduled for April 22-24, 2008 to cover the use of the SAMS version to be used once the NMMSS Upgrade is implemented.

If you are interested in attending the seminar for current SAMS or for the Upgrade SAMS, please contact Ron Bonifay at [rbonifay@nacintl.com](mailto:rbonifay@nacintl.com)



## Interpreting EURATOM Codes

Shipments of nuclear materials from EURATOM to U.S. facilities are accompanied with a single alpha character which is the EURATOM facility method to document obligations that are placed on the nuclear materials. Prior to the shipments, the European Commission issues an Annex I-A form to the U.S. Government. On the Annex I-A form is information as to the quantity of nuclear material that is to be exported to the U.S. site. Included in the Annex I-A is the third country obligation and the quantity of nuclear material to be shipped, i.e., “Canada = ca. 30 000 grams U (1 000 g U235)”.

Receiving an alpha character as well as a third country obligation on the nuclear material sometimes hinders industry’s understanding and leads to occasional obligation reporting errors.

To help industry, we have prepared the following explanation of how the alpha codes, Annex I-A information and the NMMSS Obligation codes equate.

EURATOM Facility Alpha Code	Annex I-A “Third country obligation”	NMMSS obligation code
A	None (U.S. obligated)	33 (EURATOM)
C	Canadian obligated	92 (Canada & EURATOM)
D	Canadian ( & U.S. obligated)	92 (Canada & EURATOM)
S	Australian obligated	91 (Australian & EURATOM)
T	Australian (& U.S. Obligated)	91 (Australian & EURATOM)
P	None	33 (EURATOM)
N	None	33 (EURATOM)

If you have any questions about this article, please contact Jessica Norles (678-328-1130).

## Meet the NMMSS Staff

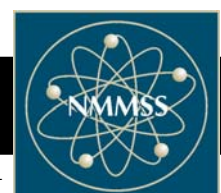
This month’s featured staff member is Allison Floyd. Allison has been with NMMSS for seven years and is the System Security Administrator. She is responsible for the administration, maintenance, and security of all cyber systems with NMMSS. She also serves as the primary point-of-contact regarding any electronic data submission issues. You can contact Allison at [afloyd@nacintl.com](mailto:afloyd@nacintl.com) or 678-328-1123.

## 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 Dessaules on 301-903-4525 or at [pete.dessaules@hq.doe.gov](mailto: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](mailto: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](mailto: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
May 2007	June 12	June 15
June 2007	July 12	July 16
July 2007	August 10	August 15
August 2007	September 13	September 17
September 2007	October 10	October 15
October 2007	November 12	November 15

## Calendar of Events

Dates	Events
October 9-11, 2007	NMMSS Training Course for NRC Licensees, Atlanta
November 16-17, 2007	SAMS 5.0 Training Seminar, Atlanta
January 28-31, 2008	NMMSS I Training Course for DOE, Albuquerque
March 20-22, 2008	NMMSS Training Course for NRC Licensees, Atlanta
April 22-24, 2008	SAMS Upgrade Training Seminar, Atlanta
May 20-22, 2008	2008 NMMSS Users Annual Training Meeting, San Antonio

## 2007 NMMSS Holiday Schedule

NMMSS Closed	Occasion
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](mailto:dcollier@nacintl.com), 678-328-1120), Peter Dessauls of DOE ([Pete.Dessaules@hq.doe.gov](mailto:Pete.Dessaules@hq.doe.gov), 301-903-4525), or Brian Horn of NRC ([BGH1@nrc.gov](mailto:BGH1@nrc.gov), 301-415-8128).

