



NMMSS News

Nuclear Materials Management & Safeguards System

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MARK YOUR CALENDAR

NMMSS 2015 Annual Users Training Meeting

The Nuclear Materials Management and Safeguards System (NMMSS) 2015 Annual Users Training Meeting will be held May 11–14, 2015, in Las Vegas, Nevada. The NMMSS is the U.S. Government's official information system containing current and historical accounting data and other related nuclear material information collected from both government and commercial nuclear facilities. The information serves a critical role in aiding risk-informed decision making in areas related to regulatory functions, international programs, materials management, program management, and financial management.

The NMMSS 2015 four-day event provides a unique training and information sharing opportunity for Nuclear Regulatory Commission (NRC) licensees, the Department of Energy (DOE)/National Nuclear Security Administration (NNSA) Federal and contractor organizations, and other domestic and international entities with responsibility for tracking and reporting nuclear materials.

The planned NMMSS 2015 agenda focuses on:

- Fundamental and advanced training to meet regulatory requirements associated with nuclear material reporting,
- NRC regulatory updates,
- Programmatic and regulatory issues of importance to the NRC licensees and DOE/NNSA contractors,
- Specialized breakout sessions,
- One-on-one consultations with, and technical support by, NMMSS staff, including a hands-on software orientation,
- Industry roundtable discussion to share ideas and identify opportunities for improvement, and
- Topical presentations on emerging domestic and international developments.

An important aspect of the NMMSS 2015 Annual Users Training Meeting is that the participants will receive a certificate for successfully completing the training sessions.

There is no registration fee to participate.

More information, including a draft agenda and a link for registration, should be distributed by early December through NMMSS Newsletter.

Meanwhile, please contact Pete Dessaulles (DOE/NNSA) Pete.Dessaulles@NNSA.doe.gov or Brian Horn (NRC) Brian.Horn@NRC.gov with any questions or topics of significance to your organization that you would like addressed at the NMMSS 2015 Annual Users Training Meeting.

Status of Office of Management and Budget (OMB) Approval of DOE/NRC Forms 740M, 741, 742, and 742C

The NRC has received approval from the Office of Management and Budget to continue collecting NMMSS information from the nuclear industry through the use of DOE/NRC Forms 740M, 741, 742, and 742C. As a result, the NRC has posted on its website these four updated forms. The only change to the updated forms is a new expiration date.

DOE/NRC Form 740M, Concise Note:

The new expiration date for this form is 9/30/2017. Here is the link to the NRC homepage for this form <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc740m.pdf>

DOE/NRC Form 742, Material Balance Report:

The new expiration date for this form is 8/31/2017. Here is the link to the NRC homepage for this form <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc742.pdf>

DOE/NRC Form 742C, Physical Inventory Listing:

The new expiration date for this form is 8/31/2017. Here is the link to the NRC homepage for this form <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc742c.pdf>

DOE/NRC Form 741, Nuclear Material Transaction Report:

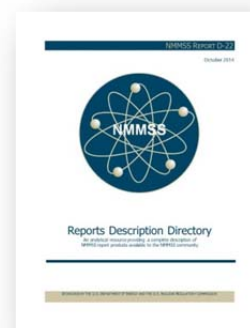
The new expiration date for this form is 10/31/2017. Here is the link to the NRC homepage for this form <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc741.pdf>

If you have any question regarding the information in this article, please contact Brian Horn (NRC) at (301) 287-9129, or by email at Brian.Horn@NRC.gov.

Important Resources Available to the DOE/NNSA-NRC NMMSS Community

The NMMSS staff has updated the D-22, NMMSS Reports Description Directory. This directory provides complete, concise descriptions of NMMSS report products available to the NMMSS community, produced from processed transaction, material balance, and inventory data. It also includes references to background database information. Please contact a member of the NMMSS staff if you wish to receive a copy.

NMMSS Fillable Forms: NMMSS users can download standard NMMSS forms (DOE/NRC Form 741, 742, 742C), enter their data onto the form, and save the data as an XML (Extensible Markup Language) file for transmission to NMMSS, as well as print a hard copy of the form and save the file on their local network or computer. This feature is available on the NMMSS website at:



<http://nnsa.energy.gov/aboutus/ourprograms/nuclearecurity/nmmsshome/nmmssinfo/fillableforms>

DOE Sites: Important Reminder for All Transfers of Materials to or from the Department of Defense (DoD)

As stated in section 6.1.3.2 of the DOE NMMSS User Guide - Rev. 2.0, dated April 1, 2013, "**Transfers of Material to or from DoD Pursuant to 42 U.S.C. §2121(b)**," the Albuquerque Complex (NA-123.1) must be provided a copy of the completed DOE/NRC Form 741 for transfers of material to or from DoD. Please note that 741 copies can be electronic or hard copy versions. For assistance or any questions, contact Carol Combs at (505) 845-4743.

Upcoming NMMSS Training Courses for NRC

NMMSS training for NRC licensees and Federal employees is scheduled for **December 2-4, 2014**, at DOE Headquarters in Germantown, MD. This course is designed for individuals with limited experience in NRC reporting requirements or those who need a refresher. The course content is based on NUREG/BR-0006, Rev. 7 and NUREG/BR-0007, Rev. 6. The following topics, among others, will be included:

- Completion of data forms: transactions, inventory, and material balance;
- Inventory reconciliation;
- Foreign obligations reporting; and
- Report products.

The desired class size is 10 or less. A minimum of 6 is required to conduct the class. You may register for the class by contacting John Ballard at (301) 903-0092, or by email at John.Ballard@nnsa.doe.gov, and providing him with your name, nationality, job title, facility name, address, telephone number, and email address. Due to security requirements for entering the DOE Germantown facility, all potential students who are not U.S. citizens MUST register for this workshop at least 45 days prior to the instruction dates. There is no cost for this course.

If interested, please contact John Ballard by November 15, 2014.

Upcoming NMMSS I Training Courses for DOE

The DOE NMMSS I (MCA-112) training course has been scheduled for **February 10-13, 2015**, at DOE Headquarters in Germantown, MD. This course is designed for personnel who have less than two years' experience in nuclear materials accounting.

The desired class size is 12 or less. A minimum of 6 is required to conduct the class. You may register for the class by contacting John Ballard at (301) 903-0092, or by email at John.Ballard@nnsa.doe.gov, and providing him with your name, nationality, job title, facility name, address, telephone number, and email address. Students must also register for the class with the National Training Center (NTC) at <https://ntc.doe.gov/default.aspx>. There are no training fees for DOE personnel or DOE contractors.

If interested, please contact John Ballard by January 31, 2015.



Upcoming NMMSS II Training Course for DOE

The DOE NMMSS II (MCA-212) training course has been scheduled for **June 9-11, 2015**, at DOE Headquarters in Germantown, MD. It is a follow-up to NMMSS I and addresses topics and report products associated with nuclear materials accounting as they apply to NMMSS. Participants are also encouraged to share NMMSS-related issues and potential problems they may currently be experiencing. The NMMSS I course (MCA-112) is the prerequisite for the NMMSS II workshop.

The desired class size is 12 or less. A minimum of 6 is required to conduct the class. You may register for the class by contacting John Ballard at (301) 903-0092, or by email at John.Ballard@nnsa.doe.gov, and providing him with your name, nationality, job title, facility name, address, telephone number, and email address. Students must also register for the class with the NTC at <https://ntc.doe.gov/default.aspx>. There are no training fees for DOE personnel or DOE contractors.

If interested, please contact John Ballard by May 30, 2015.

NRC Reconciliation

All NRC and Agreement State licensees who possess, or had possessed in the previous year, reportable quantities of special nuclear material, foreign obligated material, and/or DOE government-owned source material (G owner code) are required to report their physical inventory and material balance information to NMMSS. Information from DOE/NRC Form 742, and 742C, along with any necessary 741s, is compiled to create the facility Material Status Report (MSR). The MSR is required by NMMSS for facility reconciliation.

As a benchmark for activity in 2013, 322 MSRs were received and processed by the NMMSS staff; of these, 306 were reconciled with the respective facility for calendar year 2013. On a monthly average, NMMSS receives 27 MSRs. The average number of days between NMMSS's receipt of the MSR and the facility reconciliation closure is 13 days. Please ensure that your MSR is reported on time and is complete to help NMMSS staff to process your submittal in a timely manner.

Licensees who wish to return excess government-owned nuclear material need to notify Pete Dessaules, (301) 903-4525, Pete.Dessaules@nnsa.doe.gov; or Jim Crabtree, (301) 903-6008, James.Crabtree@nnsa.doe.gov, as soon as possible.

NMMSS Website Updates

- Updated DOE/NRC Forms 740M, 741,742, and 742C, both PDF and fillable PDF:
<http://nnsa.energy.gov/aboutus/ourprograms/nuclearsecurity/nmmsshome/nmmssinfo/doenrcforms>
<http://nnsa.energy.gov/aboutus/ourprograms/nuclearsecurity/nmmsshome/nmmssinfo/fillableforms>
- Highlights of NMMSS 2014 Users Training Meeting
<http://nnsa.energy.gov/aboutus/ourprograms/nuclearsecurity/nmmsshome>
- Schedule of Upcoming Training in 2014 and 2015:
<http://nnsa.energy.gov/sites/default/files/nnsa/04-14-inlinefiles/2014-04-11%20Upcoming%20NMMSS%20Training%202014%20and%202015%20Final.pdf>



Tips for Successful Reporting to NMMSS by DOE Contractors and NRC Licensees

- Submit transactions, MBRs, and PILs electronically
 - XML format is preferred
 - *.txt format
 - Fillable PDF
- Physical Inventory Reporting
 - Use valid project numbers (DOE only) and correct composition codes (NRC)
 - Make sure the total of the detail lines match the 899 line for each material type
 - NRC licensees possessing government-owned source material must, as part of their MSR submission:
 - Confirm the continuing need for government-owned nuclear materials in their possession
 - Identify any excess government-owned materials
 - Contact Pete Dessaulles or Jim Crabtree if they wish to return excess government-owned nuclear material
- Material Balance Reporting
 - Ensure that the first day of the reporting period is the day after the ending date of the last reporting period
 - Material balance totals must match inventory totals
 - Make sure the correct material types are reported per the NUREG (NRC)
- Keep facility contact information up to date
 - Update D-2 (DOE) and D-3 (NRC) directory information
 - Contacts, facility name, address

Transaction/Inventory Due Dates for DOE Sites

Reporting Month	Transaction Due	Inventory Due
October 2014	November 11	November 17
November 2014	December 10	December 15
December 2014	January 12	January 15
January 2015	February 10	February 16
February 2015	March 10	March 16
March 2015	April 10	April 15
April 2015	May 11	May 15

Upcoming FY 2015 Observed Holidays

Veterans Day	Tuesday, November 11
Thanksgiving	Thursday, November 27
Christmas Day	Thursday, December 25
New Year's Day	Thursday, January 1
Martin Luther King, Jr. Day	Monday, January 19
Washington's Birthday	Monday, February 16
Memorial Day	Monday, May 25

Updated NMMSS Points of Contact For Nuclear Material Reporting Technical Support and Assistance

Name	Topic	Phone	Email Address
Karen Antizzo	Data Submission NMMSS Reports IAEA	(301) 903-0872	Karen.Antizzo@nnsa.doe.gov
John Ballard	DOE/NNSA Reconciliation Training	(301) 903-0092	John.Ballard@nnsa.doe.gov
Elaine Beacom	International Reporting	(301) 903-1328	Elaine.Beamon@nnsa.doe.gov
Carl Berger	Special Requests	(301) 903-3656	Carl.Berger@nnsa.doe.gov
Mitch Hembree	Foreign Obligations	(301) 903-6299	Mitch.Hembree@nnsa.doe.gov
Gary Hirsch	NRC Reconciliation	(301) 903-6870	Gary.Hirsch@nnsa.doe.gov
Mark Huffman	NRC Reconciliation	(301) 903-0236	Mark.Huffman@nnsa.doe.gov
Mary McConnell	NRC Reconciliation	(301) 903-6240	Mary.McConnell@nnsa.doe.gov

Department of Energy
Peter Dessaulles (301) 903-4525
Pete.Dessaules@nnsa.doe.gov

Nuclear Regulatory Commission
Brian Horn (301) 287-9129
Brian.Horn@nrc.gov



DOE International POC
James Crabtree (301) 903-6008
James.Crabtree@nnsa.doe.gov

NRC International POC
Santiago Aguilar (301) 287-9136
Santiago.Aguilar@nrc.gov

Homepage: <http://nnsa.energy.gov/nmmss>
Email: NMMSS@nnsa.doe.gov
Unclassified Fax: (301) 903-1998

Unclassified/Overnight Surface Mailing Addresses

Unclassified

Karen Antizzo

NMMSS Program, NA-73/Germantown Bldg
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585-1290

Overnight – Unclassified

Karen Antizzo

Attn: NMMSS Program, NA-73
U.S. Department of Energy
19901 Germantown Road
Germantown, MD 20874-1207

Classified

The NMMSS classified mailing address is available on the Safeguards and Security Information Management System (SSIMS) or by calling a NMMSS analyst. Identify Karen Antizzo as the recipient and NA-73 as the organization.

IMPORTANT: The "DO NOT X-RAY" marking does not prevent incoming packages from being sanitized. Please package compact discs (CDs) in cardboard rather than plastic casings. The plastic is heated by the sanitization machine, thereby warping the CD. There is less chance of this occurring if the CD is packaged in cardboard.

For information on transmitting classified data to NMMSS electronically, contact Jim Crabtree, (301) 903-6008 or James.Crabtree@nnsa.doe.gov.

NMMSS News is sponsored by the Department of Energy (POC: Pete Dessaulles; Pete.Dessaules@nnsa.doe.gov, (301) 903-4525) and the Nuclear Regulatory Commission (POC: Brian Horn; Brian.Horn@nrc.gov, (301) 287-9129). Please provide feedback or suggested topics of interest to Karen Antizzo at Karen.Antizzo@nnsa.doe.gov, (301) 903-0872.