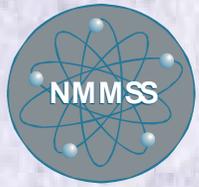


**NMMSS Users Annual Training Meeting**  
**New Orleans, Louisiana—May 24-26, 2005**  
*Sponsored by the U.S. Department of Energy &  
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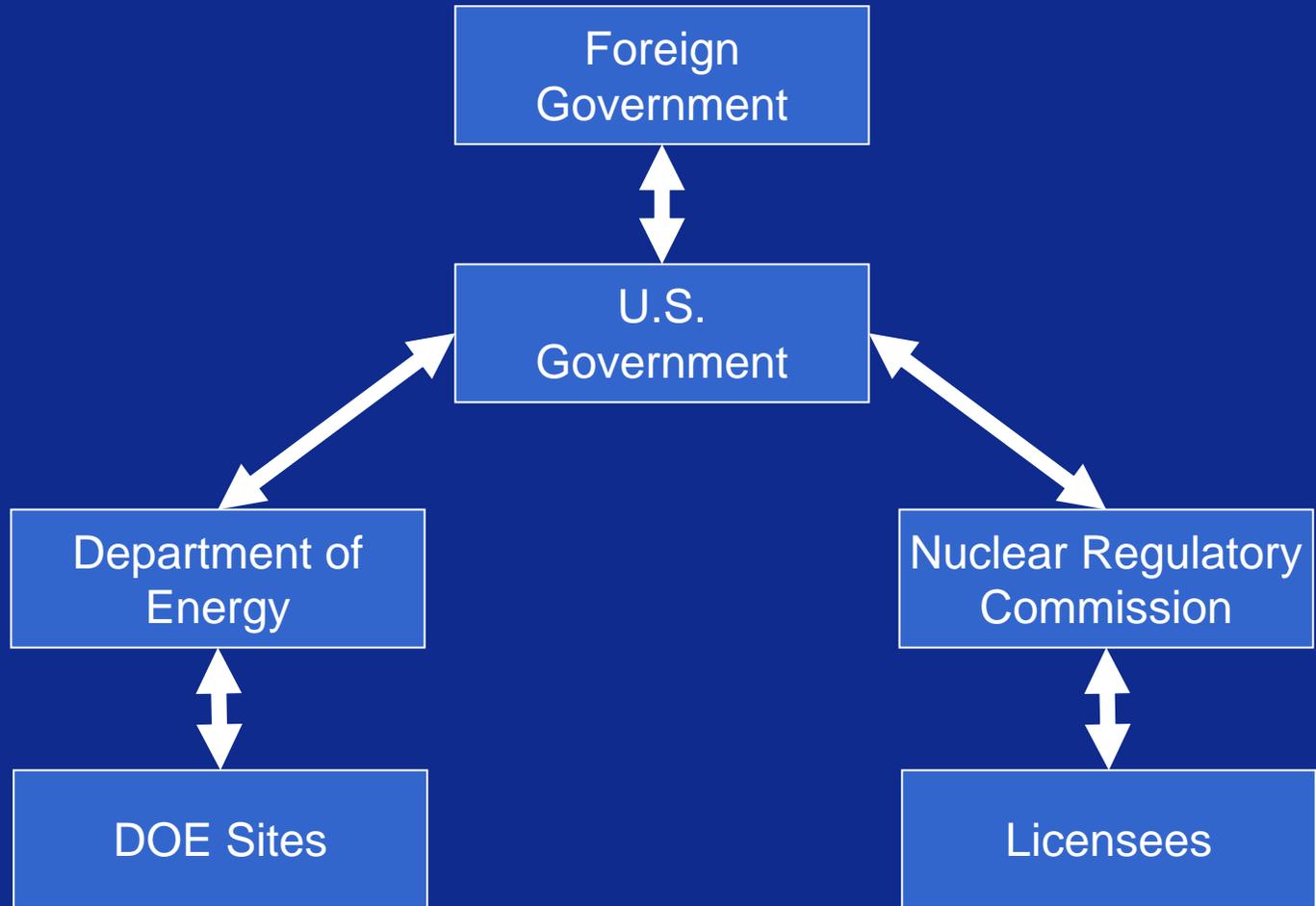
# Review of the Obligations Notification Process

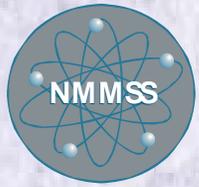
Patricia Tana and Brian Horn  
U.S. Nuclear Regulatory Commission



# Obligations Notification Process

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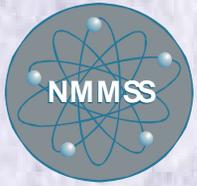




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# Obligations Notification Process:

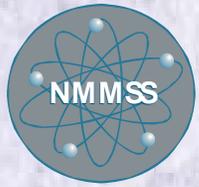
- Foreign Government
  - Notification seeks assurance from U.S. Government that specific quantities of nuclear material or equipment to be shipped to a stated facility (ies) will be subject to terms and conditions of Agreement for Peaceful Cooperation, i.e.,
    - peaceful use
    - tracked and reported
    - not exported without their approval
- Licensee/Site
  - Acknowledge that you are:
    - licensed to possess type and quantity material to be imported,
    - expect to receive material from shipper,
    - will track material as obligated, and
    - will not use material for nuclear explosive activity (produce tritium etc.).



# Reporting Responsibilities

NMMSS Users Annual Training Meeting  
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- Licensee/Site
  - Submit DOE/NRC Form-741 to NMMSS documenting what you received
  - (As a business practice, you probably notify the foreign shipper of your receipt values)
- NMMSS
  - Documents your DOE/NRC Form-741 receipt
  - Matches Euratom Annex-II with your corresponding DOE/NRC Form-741
- U.S. Government
  - Notifies foreign Government of your receipt values documented on your DOE/NRC Form-741
    - Minor obligated differences are documented and may be accepted by both Governments without any follow-up by either Governments.
    - Major obligated quantity differences will be investigated.

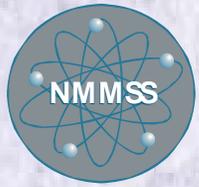


# Obligation Reporting Process: Example One

**NMMSS Users Annual Training Meeting**  
**New Orleans, Louisiana—May 24-26, 2005**  
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the U.S. Nuclear Regulatory Commission*

- Euratom notification of intended transfer Annex-1-A
- Serial Number: EUR-201/2005 dated April 1, 2005

1	U.S. Reference	Not known
2	ESA Contract	AAA/555 (Exp/111/04)
3	Shipper	Urenco Germany
4	Receiver	Your site
5	Facility of receipt	Same as above
6	Expected date of ship	May 25, 2005
7	Material	Low-enriched uranium
8	Mass	Ca. 1,550,000 g U (15,500 G U-235)
9	Physical form	1 cylinder
10	Chemical form	UF6
11	Owners Name	Germany account
12	End Users	U.S. reactors
13	Intended use	Fuel fabrication
14	Third-party obligations	Not yet known

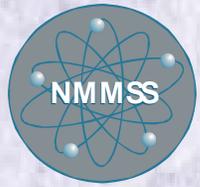


# Obligation Reporting Process: Example One

**NMMSS Users Annual Training Meeting**  
**New Orleans, Louisiana—May 24-26, 2005**  
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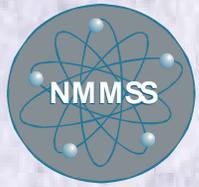
- Euratom notification of intended transfer Annex-2
- Serial Number: EUR-201/2005 dated October 1, 2005

1	U.S. Reference	Not known
2	ESA Contract	AAA/555 (Exp/111/04)
3	Shipper	Urenco Germany
4	Receiver	Your site
5	Facility of receipt	Same as above
6	Date of ship	May 18, 2005
7	Batch number	Urenco 666767
8	Material	Low-enriched uranium
9	Mass	Ca. 1,501,682 g U (15,017 G U-235)
10	Physical form	1 cylinder
11	Chemical form	UF6
12	Owners Name	AEC account
13	End Users	U.S. reactors
14	Third-party obligations	1,301,500 g U (12,810 g U-235) Canadian



# What Your DOE/NRC Form-741 Documentation Would Show

- Example One
  - 1,501,682 g U, (15,017 g U-235), 1.0% enriched, batch name is Urenco-666767
  - 1,301,500 g U (12,810 g U-235)  
Canadian/Euratom Obligated
  - 200,182 g U ( 2,207 g U-235) Euratom Obligated

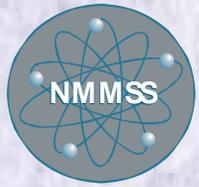


# Obligation Reporting Process: Example Two

**NMMSS Users Annual Training Meeting**  
**New Orleans, Louisiana—May 24-26, 2005**  
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the U.S. Nuclear Regulatory Commission*

- Euratom notification of intended transfer Annex-1-A
- Serial Number: EUR-202/2005 dated April 1, 2005

1	U.S. Reference	Not known
2	ESA Contract	AAA/666 (Exp/222/04)
3	Shipper	Fuel fabricator plant
4	Receiver	Your site
5	Facility of receipt	Same as above
6	Expected date of ship	May 25, 2005
7	Material	Low-enriched uranium
8	Mass	Ca. 1,500,010 g U (15,000 G U-235)
9	Physical form	3 fuel assemblies
10	Chemical form	Uranium oxide
11	Owners Name	Your company
12	End Users	U.S. reactors
13	Intended use	Fuel for reactor
14	Third-party obligations	Not yet known

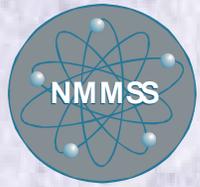


# Obligation Reporting Process: Example One

**NMMSS Users Annual Training Meeting**  
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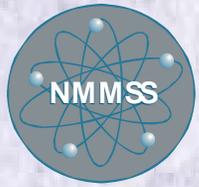
- Euratom notification of intended transfer Annex-2
- Serial Number: EUR-202/2005 dated October 1, 2005

1	U.S. Reference	Not known
2	ESA Contract	AAA/666 (Exp/222/04)
3	Shipper	Fuel fabricator plant
4	Receiver	Your site
5	Facility of receipt	Same as above
6	Date of ship	May 20, 2005
7	Batch number	FA-1, FA-2, FA-3
8	Material	Low-enriched uranium
9	Mass	Ca. 1,500,003 g U (15,000 g U-235)
10	Physical form	3 fuel assemblies
11	Chemical form	Uranium oxide
12	Owners Name	Your company
13	End Users	Your reactor
14	Third-party obligations	1,000,000 g U (10,000 g U-235) Australia



# What Your DOE/NRC Form-741 Documentation Would Show

- Example Two
  - 1,500,003 g U, (15,000 g U-235), 1.0% enriched, batch names are FA-1, FA-2, FA-3
  - 1,000,000 g U (10,000 g U-235)  
Australia/Euratom Obligated
  - 500,003 g U (5,000 g U-235) Euratom Obligated



# Who to Contact If You Have an Obligation Tracking/Reporting Question

- Department of Energy
  - Bill Benton  
301-903-1150 (office telephone number)  
301-903-1998 (office fax machine)  
e-mail: [Bill.Benton@hq.doe.gov](mailto:Bill.Benton@hq.doe.gov)
- Nuclear Regulatory Commission
  - Patricia Tana  
301-415-8105 (office telephone number)  
301-415-6382 (office fax machine)  
e-mail: [pmt@nrc.gov](mailto:pmt@nrc.gov)