

ACCURACY

PERFORMANCE



ACCOUNTABILITY

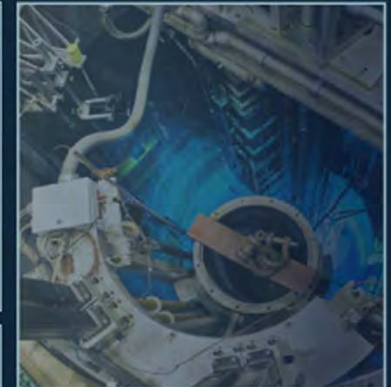


THE NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM (NMMSS)

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USERS ANNUAL TRAINING MEETING

 MAY 20-23, 2013 - ST. LOUIS, MISSOURI 



Foreign Obligations

Rose Martyn

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NMMSS 2013

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Foreign Obligations Tracking – Why?

- US, Canada, Australia, etc. treaties/agreements for peaceful uses of uranium
- Exports tied to assurances of peaceful uses
- Obligation quantities are based on 741 transactions
- Annual reports provided by NMMSS to countries with agreements



Obligation Tracking

- Tracked by codes – increases with receipts, decreases with shipments
 - ☐ Receipts – Codes/quantities noted on 741 (Domestic)
 - ☐ Receipts – NRC notices for international shippers
 - ☐ Shipments – Codes based on obligations supplied – Noted on 741 (Domestic)
 - ☐ Shipments – Codes/quantities must be authorized on NRC Export License and based on receipts (International)



NRC notice for import with foreign obligations

NRC Notice for Future Import

NRC has received the attached Annex I Parts A&B.

EUR 38/2013, Parts A & B, and
EUR 39/2013, Parts A & B

These notices are part of the annual forecast that your organization agreed to receive pursuant to the EURATOM/U.S. Nuclear cooperation agreement.

These notices include shipment dates, mass quantity, third country obligation requirements, among others. These notices are also subject to the EURATOM/U.S. Nuclear cooperation agreement and will be considered as part of the originally approved annual forecast for 2013.

Please let us know if you have any concerns about these notices. Otherwise, there is no need to reply back.

Respectfully,

Santiago Aguilar

Import/Export Licensing Analyst
Material Control and Accounting Branch
Nuclear Regulatory Commission

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NMMSS Obligation codes

NMMSS Obligation Codes – Updated September 2010

Transaction MB Description

Code Code

- 31 85 AUSTRALIA
- 32 86 CANADA
- 33 87 EURATOM*
- 34 88 JAPAN
- 35 89 PEOPLES' REPUBLIC OF CHINA
- 37 A8 SWITZERLAND
- 38 A1 ARGENTINA
- 39 A2 BRAZIL
- 40 A3 CHILE
- 70 B1 LES CENTRIFUGE ENRICHMENT/JAPAN
- 71 B2 AUSTRALIA/JAPAN/ LES CENTRIFUGE ENRICHMENT
- 72 B3 CANADA/JAPAN/ LES CENTRIFUGE ENRICHMENT
- 73 B4 EURATOM/JAPAN/ LES CENTRIFUGE ENRICHMENT
- 74 B5 AUSTRALIA/EURATOM/JAPAN/ LES CENTRIFUGEENRICHMENT
- 75 B6 CANADA/EURATOM/JAPAN/ LES CENTRIFUGE ENRICHMENT
- 76 B7 CHINA/JAPAN/ LES CENTRIFUGE ENRICHMENT
- 77 A9 AUSTRALIA/CANADA/EURATOM/JAPAN/ LES CENTRIFUGE ENRICHMENT

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NMMSS obligation Codes

NMMSS Obligations continued

- 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 11 AUSTRALIA/CANADA
- 88 12 AUSTRALIA/CANADA/EURATOM
- 90 A4 LES CENTRIFUGE ENRICHMENT
- 91 91 AUSTRALIA/EURATOM
- 92 92 CANADA/EURATOM
- 93 A5 LES CENTRIFUGE ENRICHMENT/AUSTRALIA
- 94 A6 LES CENTRIFUGE ENRICHMENT/CANADA
- 95 A7 LES CENTRIFUGE ENRICHMENT/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

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Euratom Codes translated to NMMSS codes

A	US/Euratom	33
C	Canadian/Euratom	92
D	Canadian/US/Euratom	92
N	Euratom only	33
P	Euratom only	33
S	Australian/Euratom	91
T	Australian/US/Euratom	91



Japan Obligation Codes

AQUW	Australia (A) /England (Q)/US(U)/Euratom(W)	84
AU	Australia (A) /US(U)	81
C	Canada (C)	82
CU(O)	Canada (C)/ US(U(Old))	82
CUW	Canada (C)/ US(U)/ Euratom (W)	85
FW	France (F)/ Euratom (W)	83
O	Other	34
U	US(U)	34
U(O)	US(U(Old)))	34

New Japan-US bilateral agreement was concluded in 1988. (Old agreement was done in 1968)

US obligation items which was received from US after 1988 are coded as U (US(-New)).

US obligation items which was received between 1968 and 1988 are coded as U(O) (U(Old)).

In the viewpoint from Japan, these items has been controlled by new agreement items or old agreement items.



Issues

- Too many codes
- Fungibility not always accepted – must receive physical material before shipping obligation
- Problem shipping obligation when the balance is low and receipt has not occurred
- Correction documents are problematic, especially for both fabricator and utility
- Reporting MBR's is delayed due to reconciling each obligation code before submitting