

NIMMSS



2011

Users Annual Training Meeting

San Diego, CA
May 17-19, 2011

Accountability

Accuracy

Compliance

Foreign Obligations Fabrication Facility Impact

Rose Martyn – Global Nuclear Fuel

Foreign Obligations – Fuel Fabrication Facility Impact

- Grouped by codes – increases with receipts, decreases with shipments
 - Receipts – Noted on 741 (Domestic)
 - Receipts – NRC notices (International Suppliers)
 - Shipments – Based on Enrichment Plant Orders or Internal Book Transfer – Noted on 741 (Domestic)
 - Shipments – As authorized on NRC Export License and Internal Book Transfers (International)



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Foreign Obligations – Fuel Fabrication Facility Impact

Foreign Obligation Codes (from BR-0006, rev. 7)

- 31 Australia
- 32 Canada
- 33 EURATOM (91, 92)
- 34 Japan (81, 82, 83, 84, 85, 86)
- 35 People's Republic of China
- 37 Switzerland
- 38 Argentina
- 39 Brazil
- 40 Chile
- WR Former Soviet Union Weapons Material

(additional codes added via NMMSS newsletters)



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Foreign Obligations Fabrication Facility Impact

NRC Notice for Future Import

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

EUR 38/2011, Parts A & B, and
EUR 39/2011, 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 2011.

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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Foreign Obligations Fabrication Facility Impact

Fuel Fabricator Response to NRC Annual Forecast Notification

GNF-A is expecting a delivery of UF₆ cylinders for the specified quantity from Urenco, Almelo, The Netherlands as identified in Annex I-A Annual Forecast WUR1-UYLJ/2011. GNF-A is authorized to receive and process the material and will apply the appropriate obligation codes upon its arrival to our accounting systems.

Thanks,

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Foreign Obligations Fabrication Facility Impact

Issues:

- NRC notices not provided prior to receipt (example imports from Canada, Japan, etc.)
- Applying foreign obligations to item level prior to shipment (complicated)
- Shipment of finished goods with obligated uranium prior to physical receipt of UF₆ at fabrication facility
- Inconsistency of codes between US, Euratom, and Japan

Foreign Obligations Fabrication Facility Impact

Issues:

- Difficulty reconciling Foreign Obligations when inventories are reported to NMMSS
- XML Format reporting of obligations at item level not defined in D-24
- Delivery and shipment of obligated material not in balance (grams vs. SWU)
- International community continues to focus on Country of Origin

Foreign Obligations Fabrication Facility Impact

Issues:

- Advanced communication needed by MC&A organization to support shipments with foreign obligated material
- Errors reported to site by NMMSS for exports when license is not yet entered in NMMSS system

Foreign Obligations Fabrication Facility Impact

Solutions:

- Simplify obligations list again – no layering
- Exchange obligations between facilities
- Customer agreement to accept other obligations when delivery of UF6 occurs after shipment of finished goods
- Revision of D-24 to include item level foreign obligation data for consistency between facilities (reporting should be optional)



Imagine If foreign obligations were no longer tracked in MC&A systems

- Simpler MC&A Systems
- Simplified receipts and shipments
- Simpler inventory reconciliations
- Fewer corrections to 741 documents
- Eliminate non-value added work
- Stop the madness