

NMMSS



2011

Users Annual Training Meeting

San Diego, CA
May 17-19, 2011

Accountability

Accuracy

Compliance

NMMSS Issues In Preparing Annual Foreign Obligation Reports

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About The Reports

- Nine entities (Australia, Canada, EURATOM, Japan, Switzerland, Peoples' Republic of China, Argentina, Brazil, and Chile)
- Prepared for the previous calendar year activities
- Material balance format of beginning inventory plus imports, onsite gains, production, category changes, etc.; minus exports, onsite losses, nuclear losses, category changes, etc. resulting in ending inventory
- Format of report is determined by agreement with the country
- Materials of interest include LEU, HEU, NU, DU, U-233, Pu-239, Th, and Deuterium
- Australia and Japan breakout by facility type (Converters, Enrichment Plants, Fuel Fabricators, Reactors, etc.)



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NMMSS Reports Used

- IA-OBL-05, Obligation Summary Report, starting point for onsite gains/losses
- IA-GV-06, Government Notification Listing Report, starting point for imports/exports
- TJ-045, Transaction detail for shipments, receipts, and onsite gains and losses, additional data for all aspects of the Annual Reports
- TJ-023 IE, Transaction Data for imports/exports, additional data for imports/exports included in the Annual Reports
- All of the above reports are generated based on the activity date

Other Data Sources

- Documentation as required by agreements with countries.
- Previous years reports
- Transaction data module of the NMMSS
 - Use codes for type of inventory change
 - Action codes and source of action (reported, generated, correction, etc.)
- Office of Nonproliferation and International Security (NA-24)

Primary Issues

- Transaction series with multiple action dates
 - Original data
 - Adjustment data
 - Receiver reporting own measurement
- Assigning material type 20 to LEU or HEU
- Delays in reporting transactions
- Transactions used to report/correct obligations data only
- Double counting obligations due to reporting mistakes
- Category changes due to enriching/blending not balancing