

Accuracy

Performance

Accountability



The Nuclear Materials Management and Safeguards System (NMMSS)

NMMSS

2014

Annual Users Training Meeting

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2013 Recognitions

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## NRC requirements for Inventory Reporting and Reconciliation

- Report Inventory to NMMSS
  - $\leq 30$  days – IAEA selected facilities, Cat-1 sites
  - $\leq 45$  days - Cat-2 sites
  - $\leq 60$  days – Reactors, Cat-3 sites,  $>350$  gram licensees
  - Prior to March 31<sup>st</sup> - licensees authorized  $\leq 350$  grams fissile
  - As of Sept. 30<sup>th</sup> – Foreign obligated source material holdings
- Reconcile inventory with NMMSS within 30 days of submission

## Inventory Reporting and Reconciliation-Licensees

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- During 2013,
  - 309 RIS's Report Inventory to NMMSS
  - 283 RIS's reconcile their inventory with NMMSS



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## “Excellence” in Inventory Reporting by Licensee

- Inventory reported within time frame and
- Inventory reconciled within 30 days of receipt
- 170 RIS's
  - 65 reactors
  - 7 Fuel cycle
  - 98 Licensees primarily possessing < 350 grams of fissile

## “Outstanding” in Inventory Reporting by Licensee

- Inventory reported within time frame and
- Inventory reconciled at receipt or next business day
- 60 RIS's
  - 33 Reactors
  - 4 Fuel cycle
  - 23 Licensees primarily with < 350 grams of fissile

## Some the highest performers during 2013

- Clinton-1
  - Submitted its inventory 13 days after starting, and reconciled the same day as received at NMMSS
- Peach Bottom 2 , Peach Bottom 3, Zion-1, TMI-2,
  - Each submitted their inventories 20 days after starting, and reconciled the same day as received at NMMSS
- Global Laser enrichment and Paducah (SYS)
  - each submitted inventory less than 52 days after starting, and reconciled same day as received at NMMSS