

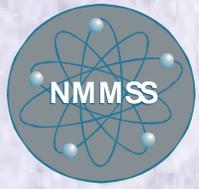
**NMMSS Users Annual Training Meeting**  
**New Orleans, Louisiana—May 24-26, 2005**  
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# Improving the Timeliness and Accuracy of NMMSS Data

Timothy Beckham

Office of Plutonium, Uranium, and Special Materials Inventory

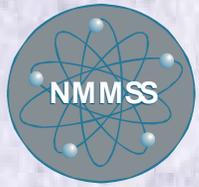


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# Improving Timeliness and Accuracy of NMMSS Data

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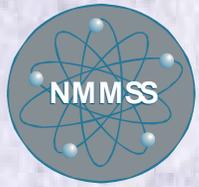
- Continuing efforts to address accuracy and quality issues associated with the reporting of DOE site data to the NMMSS
- The initiative began in November 1999



# Improving Timeliness and Accuracy of NMMSS Data

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- Dramatic improvements
  - 1999 saw double-digit error rates at many DOE sites
  - In 2000 a goal was set for error rates of less than 5%
  - Goal reduced to less than 2% later that year
  - Timely submissions emphasized

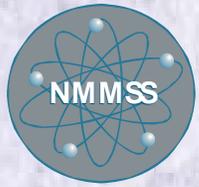


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At the end of FY 2004, the  
average error rate for DOE  
facilities was below 1%



# Improving Timeliness and Accuracy of NMMSS Data

The Manual for NMMSS Reporting and Data Submission (DOE M 474.1-2A), establishes response times for reporting and error correction

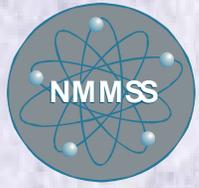
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## Activity

Domestic Shipment  
Domestic Receipt  
Foreign Shipment  
Foreign Receipt  
Corrections  
Monthly Adjustments  
Inventory

## Timeliness Requirements

1 working day  
10 working days  
1 working day  
3 working days  
1 working day  
8 working days following end of month  
15<sup>th</sup> calendar day of following month

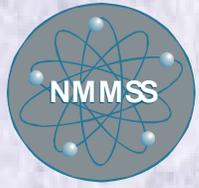


# Improving Timeliness and Accuracy of NMMSS Data

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## Improving NMMSS Closing

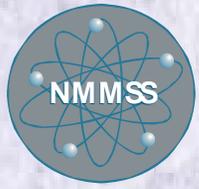


# Improving Timeliness and Accuracy of NMMSS Data

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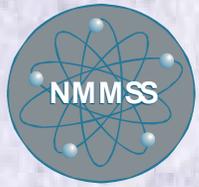
- DOE facility responsiveness in the reconciliation process and the impact on monthly NMMSS closing



# Improving Timeliness and Accuracy of NMMSS Data

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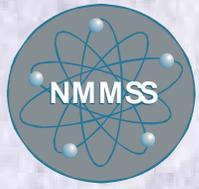
- November 24, 2004 Memorandum from Glenn Podonsky, SP-1
  - The achievement of more timely monthly NMMSS closures requires cooperation and consistent adherence to the transaction, inventory, and error correction due dates in the DOE M 474.1-2A



# Improving Timeliness and Accuracy of NMMSS Data

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- NMMSS will close by the 5<sup>th</sup> working day after the 15<sup>th</sup> calendar day after month end
- NMMSS will close without your sites data if it is delinquent
- Semi-annual reconciliation months of March and September are the exceptions



# Improving Timeliness and Accuracy of NMMSS Data

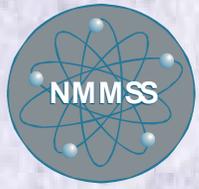
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## Fiscal Year 2004 NMMSS Closure

# A New Record!

## NMMSS closed on November 12, 2004

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# Improving Timeliness and Accuracy of NMMSS Data

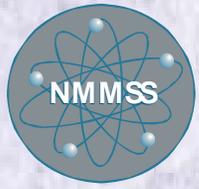
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March 2005 NMMSS Closure

Another New Record!

NMMSS closed on May 9, 2005

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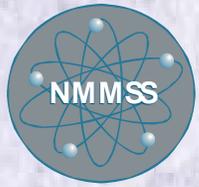


# Improving Timeliness and Accuracy of NMMSS Data

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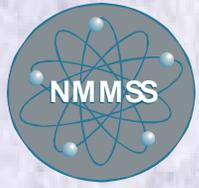
## Counting Errors



# Improving Timeliness and Accuracy of NMMSS Data

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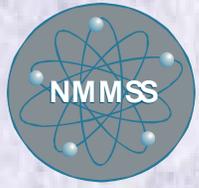
- How NMMSS Counts Errors
  - One or more errors in a record counts as one record in error
  - Compatibility errors (data relationship between records) do not count
  - The TJ-6M is the NMMSS report used in counting errors and determining error rates



# Improving Timeliness and Accuracy of NMMSS Data

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- Errors caused by these events are not counted in determining facility error rates
  - Data transmission error, e.g., SIMEX operator error
  - NMMSS error
  - Duplicate records
  - Conditions beyond control of the facility

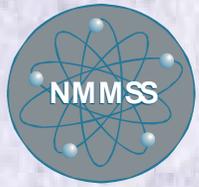


# Improving Timeliness and Accuracy of NMMSS Data

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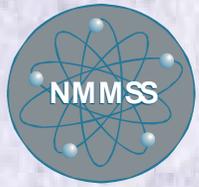
## Metrics



# Improving Timeliness and Accuracy of NMMSS Data

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- How SO-20.3 promotes the use of metrics
  - Memos to field/operations offices
  - Feedback to NMMSS community in NMMSS newsletters and Users Meeting
  - Encouraged use of TJ-6M and SAMS

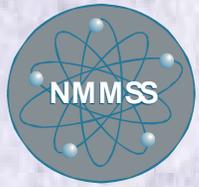


# Improving Timeliness and Accuracy of NMMSS Data

## Lessons Learned

- No correlation between volume of data and error rate
- Facilities that use SAMS tend to have fewer errors
- Project number errors are still hard to reduce
- Facilities that submit inventory data monthly tend to report on time and with fewer errors than those that submit quarterly

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## Conclusion

- DOE Sites are doing a very good job reducing reporting errors
- Timeliness has improved at most sites
- NMMSS is closing monthly books sooner than ever before