



NMMSS Technical Progress Report November 2004

Under Contract Number DE-AC03-98SF21544, Tasks 1, 2, & 3

This report summarizes the NMMSS program's technical progress for the month of November 2004. The report was submitted to DOE SO-20.3 and a copy was provided to the NRC as its Monthly Status Report.

A. Project Management

1. NMMSS processed the September reporting period data and closed the fiscal year on November 12th (about one week earlier than in any of the prior six year). The end of year reports were also disseminated.
2. NMMSS closed the October reporting period and disseminated the reports on November 23rd. This closing was more than a month earlier than the average of the last six years.
3. Per the NMMSS one-time reconciliation of DOE-owned materials at licensee facilities, NMMSS has reconciled 139 of the 153 non-DOE facilities with DOE-owned material as of 30 November.
4. The overall error rate (1.40%) on transaction data for November decreased from October (1.64%). The DOE rate for the month was 0.31%, slightly lower than last month's rate of 0.71%. The NRC facilities' error rate was 2.07% in November, which was lower than the error rate in October (2.24%). Refer to paragraph f. (1), of page 4, below.
5. NMMSS received Classified Matter Protection and Control (CMPC) training by a DOE-SR CMPC instructor November 10.
6. Members of the NMMSS staff witnessed the System and Factory Acceptance testing at SRS.

G. Barriers and Issues

The scheduled December completion of the reconciliation of DOE-owned material at NRC licensed facilities is pending the following DOE, NRC or Licensee actions:

- 8 Deactivated facilities with material balances for which NMMSS is awaiting guidance from DOE and NRC
- 5 Active facilities with balances that owe information to NMMSS
- ZBI and ZIB intend to provide balances of DOE-owned natural uranium but have no formal date commitment
- Three frequent submitters reconciled as part of normal operations currently resolving discrepancies or that have pending submittals (YBC, ZMZ and ZXC).

H. Resource Allocation

During the month, the following NAC staff supported NMMSS: Christa Gray, Gary Leamon and Fritz Strydom supported DOE requirements, and Mike Smith responded

to foreign obligation questions from licensees. These individuals are not expected to be necessary to support the NMMSS project during December. The costs for these activities are within the existing plan. These additional resources will allow NMMSS staff to stay focused on priority, on-going NMMSS activities.

The projected schedule for closures through December is as follows:

| <u>Monthly Data</u> | <u>Date Range</u> |
|---------------------|--------------------------------|
| September 2004 | Closed November 12, 2004 |
| October 2004 | Closed November 23, 2004 |
| November 2004 | December 22, 2004 |
| December 2004 | January 25 – February 01, 2005 |

The schedule above is based on regular NMMSS operations and DOE Headquarters direction to close NMMSS books by the 5th working day following the 15th of following month for all months, excluding months affected by DOE semi-annual reconciliation. The December 2004 closure date is primarily dependent on the receipt of the transactions from USEC related to foreign obligated tails production for the quarter ending December 31, 2004. The transactions are needed for end of year reports, which contribute to reports provided to countries with which the United States government has bilateral agreements. USEC has previously been given five weeks from the end of the quarter to submit these transactions. NMMSS is working with USEC to determine the feasibility of an earlier delivery.

The projected schedule for review and revision of plans and procedures is as follows:

| <u>Plan/Procedure</u> | <u>Completion Date</u> |
|---|------------------------|
| 135-PR-665, Data Input, Processing and Closeout | December |
| 135-PL-220, Information systems Security Plan | December |
| 135-PL-300, Software Configuration Plan | December |
| 135-PL-410, Project Quality Assurance Plan | December |
| 135-PR-305, Software Change Request Procedure | December |

I. Security and Quality Assurance

1. Security

- a. There were no identified security infractions during the month.
- b. There were 25 visitors to the NMMSS area during the month. Nine had "Q" access authorizations, two (2) had "L" access authorizations, and the remainder had none. Visitors without a "Q" access authorization were escorted. A NMMSS and Consulting staff meeting resulted in elevated visitor numbers.

- c. All assigned NMMSS personnel have DOE/SR issued “Q” access authorizations. Interim "Q" authorization per DOE-SR: Two (2).
- d. The following NAC staff has submitted security clearance requests to DOE: Pete Walier, Mike Smith, Fritz Strydom, and Ernie Dake.
- e. The NMMSS senior security officer resigned in late November, and his duties were assumed by Tony Escobedo.

2. Quality Assurance

NAC QA reviewed and provided comments and approvals for five revised plans and procedures and participated in the CCB meetings.

E. Plans and Procedures Revisions

The following plans and procedures were issued during the month:

135-PR-645, NMMSS Data Request Procedure
135-PL-001, NMMSS Project Plan

F. Data Processing

(1) Transactions Processing

During the month of November there were 20 workdays for processing during which a total of 21 daily processing runs were made. A total of 3,966 741 equivalents were processed containing a total of 14,606 transaction records. Of the 14,606 transaction records processed during the month, there were 205 identified errors, for an overall error rate of 1.40% (205/14,606). This represents a decrease from the overall October error rate (1.64%). The following table depicts the overall performance of DOE contractor and NRC licensee facilities.

| | <u>Records</u> | | <u>Error Rates</u> |
|---------------------|----------------|------------|--------------------|
| DOE Facilities | 5,542 | 17 | 0.31% |
| Licensee Facilities | <u>9,064</u> | <u>188</u> | <u>2.07%</u> |
| Total | 14,606 | 205 | 1.40% |

The error rate for the DOE facilities has decreased since the previous reporting period (0.71%), and remains well below the 2% metric. The NRC facilities error rate has also decreased since the previous reporting period (2.24%).

The DOE has established a goal of holding the error rate at a level less than 2%. The following data summarizes the degree to which the metric was met. The number of facilities that had a zero error rate is also listed below. Efforts continue toward the goal of achieving 100% of facilities with error rates below the metric of 2%.

¹ Includes both contractors and DOE-owned and operated facilities.

² Includes both NRC and Agreement State Licensees.

| | Number | % of Total |
|----------------------|--------|------------|
| Facilities Reporting | 45 | 100% |
| Error Rate Below 2% | 42 | 93% |
| Error Rate of Zero | 38 | 84% |

Of the 45 DOE facilities that submitted transaction data, those that did not meet the metric are listed below.

| Facility | Records | Errors | Error Rate |
|--|---------|--------|---------------|
| CBJ, USDOE, New Brunswick Lab, Illinois | 24 | | 8.3 3 % |
| HYA, Battelle Memorial Institute, Pacific Northwest Lab | 117 | | 5.8 8 % |
| JXI, Bechtel BWXT Idaho, LLC | 94 | | 4.2 5 % |

The error rates listed above were attributed to the low volume of records compared to the number of records in error.

See the table below for the performance of the major facilities during the month of November. The ten top facilities in terms of volume of transaction records for DOE and NRC facilities are considered major for the purposes of the table.

| Facility | Records | Error Rate |
|--|---------|------------|
| BYC, USEC, Paducah GDP | 1,581 | 0.06% |
| AUA, Los Alamos National Laboratory | 1,388 | 0.00% |
| YLM, Westinghouse Commercial Fuel Division | 1,380 | 0.07% |
| LZB, U Cal, Lawrence Livermore Laboratory | 901 | 0.00% |
| YSP, Honeywell International Inc. | 764 | 3.14% |
| YLJ, Global Nuclear Fuel – Americas | 749 | 1.86% |
| YUD, Framatome ANP Inc. | 713 | 1.12% |
| FZE, Bechtel Jacobs Company LLC | 667 | 0.29% |
| ZIB, Duratek, Inc. | 615 | 2.92% |
| VDM, Envirocare of Utah, Inc. | 455 | 0.00% |

USEC-Paducah GDP, the Los Alamos National Laboratory, and Westinghouse Commercial Fuel Division lead major facilities in the number of transaction records reported with very low error rates.

(2) Inventory Reporting

During the month of November, a total of 159,347 inventory records were processed.

a. Licensee Reconciliation Status Based on Annual Reporting Requirement for CY-2004³

| Number Reported | Number Reconciled | Number Reported Not Reconciled |
|-----------------|-------------------|--------------------------------|
| 158 | 134 | 24 |

(4) International Reporting

Reporting to the IAEA:

| Report | RIS | Coverage Period | Date Dispatched |
|-------------------------------|--------------------|-----------------------|-----------------|
| ICR-288, ICR-207, and CN-207 | YLJ, YLM, YNJ, YUD | 10/01-31/2004 | 11/30/2004 |
| ICR-288 | ZOO | 10/01-31/2004 | 11/29/2004 |
| PIL-288, MBR-288, and ICR-288 | DZC | 11/10/2003-11/15/2004 | 11/22/2004 |

(5) Standard Report Distribution

A total of 1,594 reports were distributed in November 2004. Distribution was as follows:

| | |
|--------------|--------------|
| Print | 225 |
| Diskette | 123 |
| Remote Link | 726 |
| Email | 7 |
| SIMEX | <u>513</u> |
| Total | 1,594 |

(6) User Customer Service Issues

³ The following licensees (RISs) have not reconciled for one or more previous reporting periods: GTS Duratek (ZBI, ZIB, ZIV), University of Illinois (ZJR) (one period not reconciled), and University of Michigan-Michigan Memorial Phoenix Project (ZMZ).

| REPORT RELATED | DATE | USER | RIS | ISSUE | RESOLUTION/DATE |
|----------------|------------|-----------------|-----|--|--|
| I-018-1 | 09/20/2004 | Giles Bailey | DAA | Report showing differences between time periods. | Still under investigation. One problem has been identified. March and September reports pulled from reported inventory. For all other months, the report is generated using inventories generated from transactions. SCR 50114 input to have report pull generated inventory for all months. |
| T-141 | 11/30/2004 | Paulette McGill | FZG | T-141 end of year booklets were distributed with a date of 09/30/2004. The date should have been 10/01/2004 to reflect the changes for FY2005. | Resolved: New reports were issued the first week of December. |

G. Status of Special Tasks

- (1) NMMSS continued to assist licensees in support of DOE's one-time reconciliation projects. Bi-monthly reports are provided to the sponsors.
- (2) The NMMSS Classic Software Team (NCST) has developed a schedule for deliverables related to the Parallel Test Plan. The milestone dates are contingent on the NMMSS Upgrade Software Development Team (USDT) meeting their milestone dates related to documents the NCST need to include and/or reference in the Parallel Test Plan. Below are documents required to complete the Authority Reference Spiral Increment portion of the Parallel Test Plan.

| SRS Deliverables Needed by NAC For Parallel Test Plan | | | |
|---|-----------------|--------------------|-----------------|
| SRS Deliverable | Document Status | SRS Milestone Date | Delivery Status |
| NMMSS Upgrade SDD | Complete | 10/12/2004 | Delivered |
| NMMSS Upgrade Acceptance Test Plan | Complete | 10/12/2004 | Delivered |
| NMMSS Upgrade Acceptance (System) Test Report – Authority Reference | | 12/14/2004 | Waiting |
| Spiral Increment Software Installation Directions (Authority Reference). | | 12/14/2004 | Waiting |
| NMMSS Upgrade Software Product/Converted Data or System Files (Phase 1 Authority Reference) | | 12/14/2004 | Waiting |

| C. <u>NAC Parallel Test Schedule for Authority Reference</u> | |
|--|------------|
| Milestone | Dates |
| Software Delivery Date (SRS) | 12/14/2004 |
| Documentation Completion Date (NAC) | 11/24/2004 |
| Software Installation Completion Date (NAC) | 12/31/2004 |
| Parallel Testing Start Date (NAC) | 12/31/2004 |
| Parallel Testing Completion Date (NAC) | 3/31/2005 |

H. FoxPro NMMSS Maintenance

- (1) During the month, one software configuration control board meetings was held to act on Software Change Requests (SCRs). During the month, SO-20.3 approved two SCRs for moving to the production database and two were approved for programming.
- (2) Enclosure four lists the outstanding SCRs.

I. Planned Activities for December 2004

- (1) NMMSS plans to close the November month in December.
- (2) NMMSS staff will focus on processing data and reconciling licensee facilities with DOE-owned materials.
- (1) NMMSS Classic Software Team (NCST) will continue to participate in upgrade status meets hosted by the NMMSS Upgrade Software Development Team (USDT).
- (2) NMMSS will continue procuring and installing software and hardware to support the new upgrade configuration effort.
- (3) Factory Acceptance testing will occur from November 30 – December 7.
- (4) Both a Counterintelligence and Foreign Visitors & Assignment Briefing are scheduled for December 14, 2004.
- (5) Members of the NMMSS staff will participate in the NMMSS Upgrade Requirements Review 12/15 – 12/17. The review will cover the next module, transactions.

Data Requests Issued in November 2004

Enclosure 1

| # | | Organization | Name |
|---|--|--------------|----------------|
| 1 | | NAC/QFA | Dan Collier |
| 2 | | DOE/DZA | John Robichaux |
| 3 | | DOE/FAA | Tom Wynn |
| 4 | | DOE/DZA | John Robichaux |
| 5 | | DOE/FAA | Judy Seiber |

Inventory Data Submitted Late, Fiscal Year 2004

DOE Facilities

| RIS | Facility | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul* | Aug* | Sep |
|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|
| AAA | Albuquerque DOE | | | 5 | | | 8 | | | | | | |
| ACD | Lovelace Foundation | | | 14 | | | 6 | | | 14 | | | |
| CCA | Princeton Plasma Physics Lab | | | 1 | | | | | | | | | |
| CCB | US DOE, Env. Meas. Laboratory | | | | | | | | | 12 | | | |
| CZA | Argonne – East | | | 7 | | | | | | 5 | | | |
| CZC | Argonne – West | | | 7 | | | | | | | | | |
| DAA | Savannah River DOE | | | 11 | | | | | | | | | 4 |
| FCC | Materials and Chem. Lab | | | 5 | | | | | | | | | |
| FDD | East TN Tech Park | | | 11 | | | | | | | | | |
| FXA** | Bechtel Jacobs, DOE Portsmouth GDP | | | | | | | | | 7 | | | |
| FYF** | | | | | | | | | | | | | |
| FZE | | | | | | | | | | | | | 16 |
| FZF** | | | | | | | | | | | | | |
| FZH | Y-12 Plant, IAEA Area | | | 8 | | | | | | | | | |
| HYA | Battelle, Pacific NW Laboratory | | | | | | | | | 11 | | | |
| JAB | Idaho DOE | | | 12 | | | 4 | | | | | | |
| JBF | BNFL | | | 6 | | | | | | 1 | | | |
| JRK | Special Manufacturing, DOD | | | 5 | | | | | | | | | |
| JXI | INTEC | | | 5 | | | 4 | | | | | | |
| KAS | Nuclear Fuel Services | | | | | | | | | 12 | | | |
| LAZ | GE Nuclear, Vallecitos | | | | | | | | | 11 | | | |
| LZB | U Cal, Lawrence Livermore Laboratory | | | | 1 | | | | | | | | |
| NAB | Nevada Test Site | | | 5 | | | | | | | | | |
| NAE | Bechtel Nevada | | | 11 | | | | | | | | | |
| ORK | RFETS | | | | | | | | | 11 | | | |
| ORK | RFETS, Holding | | | | | | | | | 11 | | | |
| QZG | Albuquerque, 91C Material | | | 5 | | | 8 | | | | | | |

* Los Alamos National Laboratory (RIS AUA) did not submit July and August inventory until the week of September 27, 2004. The facility was unable to report due to issues with Classified Removable Electronic Media (CREM).

** FXA, FYF, and FZF reported September 2004 inventory on or prior to October 15. However, all of the facilities removed their inventories from NMMSS on November 3. FXA resubmitted September inventory on November 4, 2004. FYF and FZF resubmitted September inventory on November 8, 2004.

Inventory Data Submitted Late, Fiscal Year 2005

DOE Facilities

| RIS | Facility | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|------|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| None | | | | | | | | | | | | | |

Monitoring Reconciliation for 2004

| RIS | Facility | 2004 Important Dates | | | |
|-----|----------|-------------------------------|------------------|--------------------|--|
| | | Inventory Date for 2004 | Date Received | Date Reconciled | Date Expected for 2004/2005 Inventory |
| | | | | | 12/31/2004 |
| | | | 6/8/2004 | 11/9/2004 | 3/31/2005 |
| | | | 7/30/2004 | 9/14/2004 | 5/31/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 11/1/2004 | | 7/31/2005 |
| | | | 10/18/2004 | | 9/1/2005 |
| | | | 8/12/2004 | 11/10/2004 | 5/31/2005 |
| | | | 11/2/2004 | 11/22/2004 | 8/31/2005 |
| | | | 4/15/2004 | 5/12/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/8/2004 | 11/11/2004 | 9/30/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 7/8/2004 | 8/23/2004 | 5/10/2005 |
| | | | 7/23/2004 | 8/10/2004 | 5/31/2005 |
| | | | 7/23/2004 | 8/26/2004 | 5/31/2005 |
| | | | 6/14/2004 | 7/2/2004 | 4/12/2005 |
| | | | 8/23/2004 | 8/31/2004 | 7/31/2005 |
| | | | 10/4/2004 | 10/25/2004 | 7/31/2005 |
| | | | 10/1/2004 | 10/30/2004 | 8/19/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 10/18/2004 | 10/28/2004 | 9/30/2005 |
| | | | 4/8/2004 | 4/19/2004 | 3/31/2005 |
| | | | 5/24/2004 | 6/14/2004 | 3/31/2005 |
| | | | 6/15/2004 | 6/30/2004 | 4/16/2005 |

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|--|--|-----------|------------|--------------|------------|
| | | | 8/16/2004 | 8/24/2004 | 6/8/2005 |
| | | | 9/1/2004 | 10/25/2004 | 6/29/2005 |
| | | | 7/8/2004 | 8/31/2004 | 5/10/2005 |
| | | | 11/1/2004 | | 8/31/2005 |
| | | | 10/1/2004 | 10/25/2004 | 7/31/2005 |
| | | | | | 12/3/2004 |
| | | | 5/24/2004 | 6/11/2004 | 3/31/2005 |
| | | | 8/12/2004 | 8/31/2004 | 5/31/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 3/15/2004 | 6/10/2004 | 1/27/2005 |
| | | | 9/24/2004 | (see note 1) | 8/31/2005 |
| | | | 4/26/2004 | 5/10/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/1/2004 | 11/11/2004 | 9/30/2005 |
| | | | 9/27/2004 | 10/29/2004 | 7/29/2005 |
| | | | 9/1/2004 | 10/29/2004 | 7/6/2005 |
| | | | 10/6/2004 | 11/5/2004 | 7/31/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 10/12/2004 | 11/4/2004 | 8/13/2005 |
| | | | | | 11/26/2004 |
| | | | 9/1/2004 | 9/2/2004 | 6/29/2005 |
| | | | 11/30/2004 | | 9/30/2005 |
| | | | | | 9/30/2004 |
| | | | 6/1/2004 | 7/2/2004 | 3/30/2005 |
| | | | | | 12/9/2004 |
| | | | | | 12/30/2004 |
| | | | 10/27/2004 | 11/4/2004 | 8/31/2005 |

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|--|-----------------------|-----------|------------|------------|------------|
| | | | 8/2/2004 | 8/18/2004 | 6/2/2005 |
| | | | 8/2/2004 | 8/18/2004 | 6/1/2005 |
| | | | 11/22/2004 | | 9/30/2004 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2004 |
| | | | 11/8/2004 | | 9/30/2005 |
| | | | 8/16/2004 | 8/24/2004 | 6/8/2005 |
| | | | 7/30/2004 | 8/10/2004 | 6/2/2005 |
| | | | 8/23/2004 | 8/31/2004 | 6/23/2005 |
| | | | 5/24/2004 | 6/28/2004 | 3/26/2005 |
| | | | | | 9/30/2004 |
| | | | 8/2/2004 | 8/31/2004 | 5/31/2005 |
| | | | 9/27/2004 | 10/9/2004 | 7/27/2005 |
| | | | 10/8/2004 | 10/28/2004 | 8/17/2005 |
| | | | 8/9/2004 | 8/9/2004 | 4/7/2005 |
| | | | 7/19/2004 | 7/26/2004 | 5/31/2005 |
| | | | 5/3/2004 | 8/30/2004 | 3/31/2005 |
| | **Was included w/ ZQM | | | | |
| | | | 11/23/2004 | | 9/19/2005 |
| | | | 7/30/2004 | 8/23/2004 | 6/2/2005 |
| | | | 7/30/2004 | 8/10/2004 | 5/30/2005 |
| | | | | | 10/20/2004 |
| | | | 8/12/2004 | 9/15/2004 | 5/31/2005 |
| | | | 9/7/2004 | 9/28/2004 | 7/31/2005 |
| | | | 11/11/2004 | | 8/31/2005 |
| | | | 11/10/2004 | | 9/30/2005 |
| | | | 10/1/2004 | 10/25/2004 | 7/31/2005 |
| | | | 4/27/2004 | 5/10/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/1/2004 | 11/17/2004 | 9/30/2005 |
| | | | 9/7/2004 | 9/27/2004 | 7/31/2005 |

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|--|-----------|------------|------------|------------|
| | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | 10/28/2004 | | 10/1/2005 |
| | | 9/14/2004 | 10/10/2004 | 7/31/2005 |
| | | 4/12/2004 | 4/19/2004 | 9/30/2005 |
| | 9/30/2004 | 10/25/2004 | 11/8/2004 | 9/30/2005 |
| | | 4/26/2004 | | 3/31/2005 |
| | 9/30/2004 | 11/1/2004 | | |
| | | 7/8/2004 | 8/24/2004 | 5/10/2005 |
| | | 5/5/2004 | 5/11/2004 | 3/31/2005 |
| | 9/30/2004 | 10/28/2004 | 11/4/2004 | 9/30/2005 |
| | | 4/21/2004 | 4/29/2004 | 3/31/2005 |
| | 9/30/2004 | 10/25/2004 | 11/2/2004 | 9/25/2005 |
| | | 9/1/2004 | 9/16/2004 | 7/15/2005 |
| | | 10/18/2004 | 11/17/2004 | 9/1/2005 |
| | | 7/30/2004 | 8/23/2004 | 6/2/2005 |
| | | 4/29/2004 | 5/12/2004 | 3/31/2005 |
| | | 10/18/2004 | 11/8/2004 | 8/18/2005 |
| | | 11/22/2004 | | 9/30/2005 |
| | | 9/7/2004 | 9/28/2004 | 7/31/2005 |
| | | 6/23/2004 | 6/28/2004 | 4/30/2005 |
| | | 9/8/2004 | 10/18/2004 | 7/17/2005 |
| | | 6/22/2004 | 10/12/2004 | 5/22/2005 |
| | | 11/22/2004 | | 10/31/2005 |
| | | | | 3/31/2004 |
| | | 3/1/2004 | 5/12/2004 | 2/9/2005 |
| | | 10/1/2004 | 10/30/2004 | 8/19/2004 |
| | | | | 4/10/2004 |
| | | | | 7/31/2004 |
| | | 5/11/2004 | 6/21/2004 | 3/15/2005 |

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|--|---|-----------|------------|------------|-----------|
| | | | 5/10/2004 | 5/14/2004 | 4/8/2005 |
| | | | 6/14/2004 | 7/2/2004 | 4/14/2005 |
| | | | 8/9/2004 | 8/24/2004 | 7/8/2005 |
| | | | 10/6/2004 | 11/4/2004 | 7/31/2005 |
| | | | 8/2/2004 | 8/10/2004 | 8/25/2005 |
| | | | | | 9/30/2004 |
| | | | 5/25/2004 | 6/28/2004 | 3/31/2005 |
| | | | 11/14/2004 | | |
| | | | 8/23/2004 | 8/31/2004 | 7/31/2005 |
| | | | 5/14/2004 | 6/2/2004 | 4/12/2005 |
| | | | 5/25/2004 | 7/8/2004 | 3/31/2005 |
| | | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | | 6/8/2004 | 11/9/2004 | 3/31/2005 |
| | | | 11/30/2004 | | 9/30/2005 |
| | | | 8/12/2004 | 8/31/2004 | 5/31/2005 |
| | | | 9/7/2004 | 9/24/2004 | 7/31/2005 |
| | | | 11/1/2004 | 11/19/2004 | 8/15/2005 |
| | | | 6/1/2004 | 6/22/2004 | 3/31/2005 |
| | | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | | 10/12/2004 | 11/4/2004 | 8/13/2005 |
| | | | | | 9/30/2004 |
| | | | 5/10/2004 | 5/13/2004 | 3/31/2005 |
| | | | 4/28/2004 | 9/30/2004 | 9/30/2005 |
| | **MSR was on the link original receipt date used. | | | | 9/30/2004 |
| | | | 4/30/2004 | 5/11/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/23/2004 | | |

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|--|---|-----------|------------|--------------|------------|
| | | | 4/13/2004 | 6/15/2004 | 2/12/2005 |
| | | | 4/30/2004 | 5/10/2004 | 3/31/2005 |
| | | | 9/7/2004 | 9/28/2004 | 7/31/2005 |
| | | | 10/4/2004 | 10/28/2004 | 7/31/2005 |
| | | | 5/3/2004 | 5/10/2004 | 3/31/2005 |
| | | | 11/1/2004 | 11/30/2004 | see * |
| | *Cornell has gotten rid of all MT and is looking to deactivate. | | | | |
| | | | 4/28/2003 | 5/17/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/5/2004 | 11/18/2004 | 9/30/2005 |
| | | | 4/5/2004 | 5/13/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/5/2004 | 11/1/2004 | 9/30/2005 |
| | | | 10/27/2004 | | 10/1/2005 |
| | | | 4/29/2004 | 7/8/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/8/2004 | | |
| | | | 4/19/2004 | 7/27/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/5/2004 | | |
| | | | 4/26/2004 | 4/29/2004 | 3/31/2005 |
| | | | 6/14/2004 | 6/21/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/2/2004 | 11/17/2004 | 9/30/2005 |
| | | | 5/17/2004 | 5/25/2004 | 3/31/2005 |
| | | | 11/16/2004 | | 9/30/2005 |
| | | | | | 9/30/2004 |
| | | | 11/22/2004 | 11/30/2004 | 9/30/2005 |
| | | | 4/30/2004 | 5/10/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/2/2004 | 11/17/2004 | 9/30/2005 |
| | | | 6/1/2004 | 7/1/2004 | 3/31/2005 |
| | | | 10/22/2004 | 11/2/2004 | 9/30/2005 |
| | | | 4/19/2004 | 5/7/2004 | 3/31/2005 |
| | | | 5/3/2004 | (see note 2) | 3/31/2005 |
| | Will report the same as in the past (twice a year) | 9/30/2004 | 11/25/2004 | | 9/30/2005 |
| | | | 4/26/2004 | 4/29/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/26/2004 | 11/3/2004 | 9/30/2005 |
| | | | 11/30/2004 | | 9/30/2005 |
| | | | | | 9/30/2004 |
| | | | 11/24/2004 | | 11/22/2005 |

| | | | | | |
|--|--|-----------|------------|------------|------------|
| | | | 9/7/2004 | 9/28/2004 | 7/31/2005 |
| | | | | | |
| | | | 4/29/2004 | 6/21/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/27/2004 | 11/4/2005 | 9/30/2005 |
| | | | 9/7/2004 | 9/27/2004 | 7/31/2005 |
| | | | | | |
| | | | 4/29/2004 | 5/10/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/12/2004 | 11/3/2005 | 9/30/2005 |
| | | | 4/5/2004 | 4/19/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/1/2004 | 11/4/2004 | 9/30/2005 |
| | | | 11/8/2004 | | 9/30/2005 |
| | | | | | |
| | | | 4/26/2004 | 5/13/2004 | 3/31/2005 |
| | | 9/30/2004 | 11/1/2004 | 11/11/2004 | 9/30/2005 |
| | | | 4/12/2004 | 5/18/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/8/2004 | 11/2/2004 | 9/30/2005 |
| | | | | | 9/30/2005 |
| | | | | | |
| | | | | | 12/19/2004 |
| | | | | | |
| | | | 5/3/2004 | 5/11/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/21/2004 | 10/28/2004 | 9/30/2005 |
| | | | 8/12/2004 | 9/2/2004 | 7/12/2005 |
| | | | | | |
| | | | 7/1/2004 | 7/8/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/15/2004 | 11/3/2004 | 9/30/2005 |
| | | | | | 9/30/2004 |
| | | | | | |
| | | | 4/19/2004 | 5/10/2004 | 3/31/2005 |
| | | 9/30/2005 | 11/8/2004 | 11/15/2004 | 9/30/2005 |
| | | | 4/19/2004 | 5/10/2004 | 3/31/2005 |
| | | | | | |
| | | | 4/12/2004 | 4/29/2004 | 3/31/2005 |
| | | | | | |
| | | | 5/13/2004 | 6/16/2004 | 3/31/2005 |
| | | | | | |
| | | | 4/12/2004 | 4/19/2004 | 3/31/2005 |
| | | 9/30/2004 | 10/19/2004 | 11/4/2004 | 9/30/2005 |
| | | | 9/27/2004 | 10/9/2004 | 7/28/2005 |
| | | | | | |
| | | | 8/6/200 | 8/31/2004 | 7/2/2005 |
| | | | | | |
| | | | 10/1/2004 | 10/25/2004 | 7/30/2005 |

Notes:

- 1)NMMSS is working with XJD to resolve reporting of foreign obligated material.
- 2)ZQM reported negative inventories and NMMSS is working with the facility to reconcile these discrepancies.

SCRs Outstanding⁴

| SCR # | Description | Priority | Schedule | Comments |
|--------------|---|----------------|------------------------|------------------------------|
| 40354 | V station must enter owner code if detail lines are reported, otherwise the record is in error | Important | Complete | On hold per SO-20.3, 9/18/02 |
| 40369 | When receiving V station submits an A/B transaction with zero detail lines, NMMSS will generate detail lines and will use owner code entered by the shipper | Important | Complete | On hold per SO-20.3, 9/18/02 |
| 50035 | Create a report that fulfills the requirements in the NMMSS Guidance Document 2002-01 | Non-critical | Re-assigned to SLB | |
| 50037 | Create a windows based application to download files from the direct links. | Non-critical | In Test | |
| 50055 | Add an edit to ensure that receiver's weights are within 10% +/- the shipper's weights | Non-critical | TBD | |
| 50080 | Convert SAMS from DOS to Windows | Important | Assigned to SLB | |
| 50108 | Add edit check to flag transactions submitted by a licensee (except USEC) which contain material type/owner code combinations not required to be reported by licensees. The check will apply to detail lines with no related obligated records and owner code "J." | Important | In Test | |
| 50109 | For shipments from V RISs to a licensee, if an action code B document is received from the licensee with zero lines, NMMSS should not copy the detail lines from the action code A document. NMMSS should flag compatibility error on the action code B document stating that detail lines are required. For V RIS shipments involving "G" owner code material, the receiver should be unable to submit a B zero line document. | Important | To be reviewed by CCB. | |
| 50110 | An obligation exchange transaction with an incorrect action date (future date) resulted in the assignment of the error to the incorrect RIS party. The edit needs to be revised to make the correct assignment. | Non-critical | In Test | |
| 50111 | A licensee waste shipment using the incorrect use code resulted in an incorrect error message. The error message needs to be corrected. | Important | TBD | |
| 50112 | To correct format and misspelled word in report header. | Non-critical | In Test | |
| 50113 | To prevent backout generated transaction use of discontinued owner code. | Very Important | In Test | |
| 50114 | The I-018-1 report was pulling reported inventory for March and September reports. The report should pull generated inventory for all periods, since licensees no longer are required to report inventory at the end of March and the end of September. | Important | In Test | |
| 50115 | For the TJ-6M report, user (Jim Bird, DOE-OR) requested that the TJ-6M report include the transaction series (shipper-receiver-transfer number-corr#-PC-AC) to be listed with the detailed error information. | Non-critical | TBD | |
| 50117 | In conjunction with SCR #50100. The NMMSS database needs to be modified to allow for the changes under negotiation with the IAEA on Code 10 to include PIL data. The material description code used by IAEA facilities needs to require that field 1 be a zero, field 2 be a zero, and field 3 be a zero. | Non-critical | Test | |
| 50118 | Transaction FYC-FZEI-000007-A-A contained detail lines with G owner code without project numbers. The transaction should have been flagged with errors. | Non-critical | TBD | |

⁴Note: SCR numbers in bold affect facilities. Other numbers affect internal NMMSS operations only.