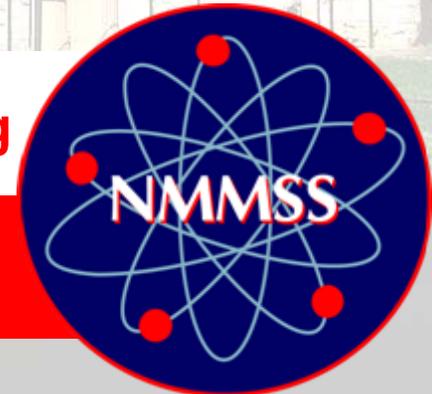


NMMSS Upgrade Parallel Testing

Presented By:
Mitch Hembree

NMMSS Users Annual Training Meeting

San Antonio, Texas—May 20-22, 2008



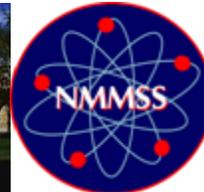
NAC Roles/Responsibilities

- Set requirements with DOE/NRC/WSRC
- Advise on design
- Participate in WSRC testing
- Respond to other WSRC needs
- Perform parallel testing of Upgrade Modules at NAC
- Perform parallel operations testing of Upgrade at NAC



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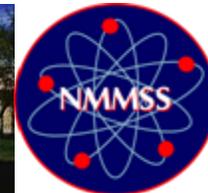
NMMSS Upgrade Parallel Testing Approach

- Validate core modules of NMMSS Upgrade: Authority Reference, Transactions, Inventory, and Material Balance.
- Testing initiated when core software features are functional.
- Load software onto NMMSS test environment.
- Import/convert data onto NMMSS test environment.
- Mimic NMMSS daily operational activities on Classic and Upgrade systems.
- As needed, develop specific test cases for areas not thoroughly exercised.
- WSRC provides technical support/corrections during testing.



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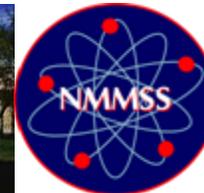
Parallel Testing Accomplishments

<u>Module</u>	<u>Start Date</u>	<u>End Date</u>
Authority Reference	4/10/2008	6/30/2008
Transactions *	4/10/2008	6/30/2008
Inventory *	5/15/2008	6/30/2008
Material Balance	TBD	6/30/2008
SAMS	5/13/2008	6/13/2008
IAEA/International	TBD	TBA
Reports	TBD	TBA

*** Initial Parallel Testing was performed on Transactions module only (beginning on 4/10/08). On 5/15/08, Inventory module testing was added to the parallel testing sequence of activities.**

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NMMSS Upgrade Parallel Operations Approach

- Parallel Operations Testing will be performed at NAC.
- Validate all NMMSS Upgrade modules: Authority Reference, Transactions, Inventory, Material Balance, International (IAEA), and Reports.
- SAMS testing is performed independent of Parallel Operations Testing.
- Duplicate NMMSS daily operations on Classic and Upgrade.
- WSRC provides technical support/corrections during testing.

Parallel Operations Testing Schedule

July 1, 2008 – September 30, 2008

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