

**NMMSS Users Annual Training Meeting
Atlanta, Georgia—May 22-24, 2007**

NMMSS Upgrade Parallel Testing

**Presented By:
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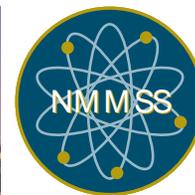
NAC Roles/Responsibilities

- Set requirements with DOE/NRC/WSRC
- Advise on design
- Participate in WSRC testing
- Respond to other WSRC needs
- Install hardware/software at NAC
- Perform testing at NAC
- Implement/Operate



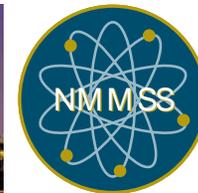
NMMSS Upgrade Parallel Testing Approach

- Seven spiral increments.
- Load software onto NMMSS test environment.
- Import/convert data onto NMMSS test environment.
- WSRC provides technical support during testing.
- Only install Upgrade software on production environment upon completion of parallel operations testing.



Implementation Concept

- Parallel test spiral increments as delivered for approximately three month cycles.
- As needed, develop specific test cases for areas not thoroughly exercised.
- Beginning with the IAEA increment, continue parallel operations testing until system acceptance in April 2008.



Parallel Testing Accomplishments

<u>Module</u>	<u>Start Date</u>	<u>End Date</u>	<u>Anomalies</u>	<u>Recommendations</u>
Authority Reference	12/14/2004	3/31/2005	26	9
Transactions	8/31/2005	11/18/2005	88	40
Inventory	3/31/2006	6/30/2006	28	24
Material Balance	11/1/2006	*	N/A	N/A
SAMS	TBD	N/A	N/A	N/A
IAEA/International	TBD	N/A	N/A	N/A
Reports	TBD	N/A	N/A	N/A

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* In November 2006, a maintenance cycle was added to the NMMSS Upgrade project to correct anomalies identified in prior spiral increments. Parallel testing of the first three increments will be performed to verify anomaly correction. The expected date for the initiation of this parallel testing is 6/15/2007.

