



# NMMSS Upgrade



Status of the WSRC efforts  
for the NMMSS Upgrade



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# WSRC Upgrade Participants

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- Westinghouse Savannah River Company
  - Jerry O’Leary
    - Project Manager
  - Dan Farmer
    - Technical Manager
  - Rick Edwards
    - Team Lead
    - Team – Norma Camp, Brent Krenz and Bob Alger

# The upgrade project

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- NO Wall Posters!
- NO Gantt Charts showing Schedules
- NO Hype
  
- YES to...
  - Philosophy
  - Practices
  - Tangibles

# Upgrade Philosophy

- Infrastructure
  - Flexibility
    - New equipment
    - New tools
  - Capability
    - Improved results
    - Less time on overhead tasks, more time on direct work
  - Which equals Opportunity
  - As a RESULT of the upgrade DOE and NRC can consider
    - New features
    - New Reports
    - New views on the NMMSS data

# Upgrade Practices

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- **Spiral / Iterative Development**
  - Each major function of the NMMSS is segmented.
  - Each segmented function (or turn of the spiral) will be completed sequentially and tested at NAC for use after completion.

# Upgrade Engineering

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- Requirements Management
- Design and Construction Improvements
- Test Management

# NMMSS Upgrade Functions

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- Authority Reference (12/15/04)
- Transactions (8/31/2005)
- Inventory (3/31/2006)
- Material Balance (9/30/2006)
- IAEA Reports (3/31/2007)
- Reports (10/30/2007)
- SAMS (12/31/2007)

- Demonstration of Authority Reference
- Demonstration of Testing Tool Rational Robot.