Governor’s Nuclear Advisory Council Meeting

March 8, 2012

Michael Mikolanis, Chief Engineer
DOE-SR Office of the Manager
Background: DNFSB Recommendation

- DNFSB Recommendation 2011-1 “Safety Culture at the Waste Treatment and Immobilization Plant” (WTP)
  - Three sub-recommendations addressing safety culture issues
    - Two sub-recommendations are specific to Hanford Site
    - One sub-recommendation applies to the balance of DOE/NNSA sites.

- Secretarial Implementation Plan
  - Deputy Secretary of Energy designated to manage implementation
    - Maintaining a strong safety culture is essential for mission completion
  - Extent of condition reviews will involve the Savannah River Site
Extent of Condition Review

- Institutionalize safety culture attributes
- Train on safety culture attributes and management behaviors
- Perform safety culture self-assessments of contractor and federal organizations
  - Confirms strong safety culture exists within other organizations
  - Independent oversight of site self-assessments
- Independent review of safety culture at select major projects
- Sustain safety culture improvements
  - Town hall style meetings between senior managers and employees
  - Establish site-specific safety culture sustainment tools
• Federal Employees
  – Annual federal employee surveys
    • Safety survey of EM staff performed in 2010 and 2011
    • Results indicate SRS is an environment where issues can be voiced without fear of retaliation
  – Cultural growth initiatives
  – Personnel Performance Management Plans
    • Specific safety and cultural growth expectations
Current SRS Safety Culture Indicators

- Contractor Employees
  - Voluntary Protection Program (VPP) Surveys and Employee Concerns Program Feedback
  - Safety Performance Indicators
    - Construction Industry DART/TRC Rates: 2.1 / 4.0
    - Parsons (Salt Waste Processing Facility)
      - DART/TRC: 0.72 / 0.57          Days without a lost work day: 1 M hours
    - Shaw/Areva (Mixed Oxide Fuel Fabrication Facility)
      - DART/TRC: 0.30 / 0.51          Days without a lost work day: 7.75 M hours
    - Waste Management Industry DART/TRC Rates: 3.0 / 4.5
    - SRR (Liquid Waste Disposition Projects)
      - DART/TRC: 0.47 / 0.04          Days without a lost work day: 10.1 M hours
    - SRNS (Balance of SRS Operations)
      - DART/TRC: 0.29 / 0.10          Days without a lost work day: 4.8 M hours
Current SRS Safety Culture

• Contract Performance Evaluation Plan Expectations
• Integrated Safety Management System
• A “Just” Safety Culture
• Operating Contractor Self-Assessments
• Enterprise SRS Safety Culture
  – Safety First Campaign
    • See Something – Say Something
    • Expectations reinforced at highest level of management
• **Safety Culture Attribute Training**
  – Manager and employee discussion of Secretarial safety culture expectations - *Complete*
  – Training development by July 2012
  – Training delivery by December 2012

• **SRS Safety Culture Self-Assessment**
  – Development of assessment guidance by July 2012
  – Perform self-assessments of SRS organizations by March 2013
  – Independent oversight of self assessments by April 2013