2009 Work Plan Review
January 25, 2010

Bill Brizes, Technical Advisor
SRS Citizens Advisory Board
Presentation Outline

- Summary
- Committee
  - Work Plan Topics
  - Presentations
  - Recommendations
- Presentations Made at Full Board
- Scorecard
- Conclusions
Summary

• This has been a very busy and productive year.
• Nuclear Materials Committee conducted four meetings.
• Facilities Disposition and Site Remediation Committee conducted three meetings and an extensive technology workshop in November.
• Strategic and Legacy Management Committee conducted five meetings.
• Waste Management Committee conducted seven meetings.
• That is a total of 19 Committee meetings.
• In addition to the six Full Board Meetings, there have been workshops, an educational process retreat, and onsite tours.
Through 25 meetings, presentations, and discussions, the SRS CAB has provided nine meaningful Recommendations for 2009 to the Department of Energy – Savannah River.

1. #268 Continuation of SRS Superfund Job Training
2. #267 Speed-up Stimulus “Burn Rate”
3. #266 Enriched Uranium Disposition
4. #265 Site Performance Metrics
5. #264 SRS Recovery Act Footprint Reduction
6. #263 Final Disposition for Spent Nuclear Fuel, Surplus Plutonium, and Vitrified High Level Waste
7. #262 Future Missions
8. #261 SRS Budget Process – Improvements
9. #260 A/M Groundwater Plume Program Update to the Public

Status of all SRS CAB Recommendations: 2 pending, 17 open, 249 closed.
SRS CAB Work Plan Topics

Strategic and Legacy Management (S&LM) Committee

• Strategic Planning
• Corporate Performance Measures and Baseline
• Risk Management
• Land Management and Use
• Environmental Monitoring
• Historic Preservation
• Environmental Justice Program
• National Environmental Policy Act (NEPA) Documentation Related to SRS – Updates
• Liquid Waste Contract Transition
• American Recovery and Reinvestment Act (ARRA)
S&LM Presentations on Work Plan Topics

- Planning Hierarchy, (2/24)
- Drought Contingency Plan (DCP), (6/16)
- Budget Update, (6/16)
- Integrated Priority List and Budget Update, (6/16)
- SRS Performance Measures, (6/16)
- SRS National Environmental Research Park, (8/25)
- Status of Military Operations at SRS, (8/25)
- SRS Performance Measures Update, (10/27)
- Natural Resources Management Plan for SRS, (10/27)
1. #267 Speed-Up Stimulus Budget “Burn Rate”, adopted 09/29/09
2. #265 Site Performance Metrics, adopted 07/28/09
3. #262 Future Missions, adopted 05/19/09
4. #261 SRS Budget Process – Improvements, adopted 05/19/09
Facility Disposition and Site Remediation (FD&SR) Committee

- Facility Disposition
- Site Remediation
- D/K Area Powerhouse Biomass Plants Update
- P Reactor Decommissioning and Deactivation
- Environmental and Regulatory Activities
- US Forest Service – Savannah River
- CMP Pits Electrical Resistance Heating System Remediation Status
- 235-F Project Review
- ARRA
FD&SR Presentations on Work Plan Topics

- M-Area Operable Unit Status Update, (4/21)
- D-Area Operable Unit Status Update, (4/21)
- M-Area Inactive Process Sewer Line Project Update, (6/23)
- Area Completion Projects – New Technologies on the Horizon, (6/23)
- Annual Integrator Operable Unit Program Update, (8/18)
- Regulatory Strategy for Accelerating Recovery Act Work Scope, (8/18)
- P Area Operable Unit Project Update, (8/18)
- Extensive Soil and Groundwater Technology Workshop (11/17)
1. #264 SRS Recovery Act Footprint Reduction (Joint WM and FD&SR Recommendation), adopted 05/19/09

2. #260 A/M Groundwater Plume Program Update to the Public, adopted 03/24/09
SRS CAB Work Plan Topics

Waste Management (WM) Committee

Solid Waste

• Transuranic (TRU) Waste Project
• Low-Level/Mixed Low-Level/Hazardous Waste Disposition
• PUREX Waste Disposition Project
• H-Canyon Alternative Waste Initiatives
SRS CAB Work Plan Topics

WM Committee (continued)

Liquid Waste

- Tank Closure Issues
- Utilization of H-Canyon
- Interaction and Operability Issues Between Major Operating Units
- Defense Waste Processing Facility Project
- Salt Waste Processing Facility Project
- Saltstone Operations
- Tank Space Management
- System Planning
WM Presentations on Work Plan Topics

- Waste Reduction Initiatives in H Canyon, (01/13)
- Liquid Waste Disposition Risk Management, (01/13)
- Radioactive Liquid Waste Disposition Critical Path Schedule Update, (3/10)
- Status of Waste Determination and Tank Closure, (3/10)
- Storage of Vitrified High Level Waste, (5/5)
- PUREX Waste Disposition Update, (6/9)
- Transuranic (TRU) Waste Disposition, (6/9)
- Revised Status of Tank 48 Treatment Project, (8/4)
- Liquid Waste Contract Transition, (8/4)
- Salt Waste Processing Facility Project Update, (9/1)
- In-Service Inspection for SRS Waste Tanks Update, (9/1)
- Liquid Waste ARRA Scope of Work, (10/20)
- SRR Project Execution Plan for FY2010, (10/20)
- CAB Outreach Initiative, “SRS Community Reuse Organization’s What’s Next for Nuclear Waste?”, (10/20)
1. #268 Continuation of SRS Superfund Job Training Initiative, adopted 11/17/09

2. #264 SRS Recovery Act Footprint Reduction (Joint WM & FD&SR Recommendation), adopted 05/19/09

3. #263 Final Disposition for Spent Nuclear Fuel, Surplus Plutonium, and Vitrified High Level Waste (Joint WM & NM Recommendation), adopted 05/19/09
SRS CAB Work Plan Topics

Nuclear Materials (NM) Committee

- Plutonium Storage and Consolidation
- Plutonium Disposition Program
- Enriched Uranium Disposition Program
- Spent Nuclear Fuel Storage and Disposition Program
- Canyon/HB-Line Processing Activities/Capabilities/Schedules
- Other Nuclear Materials Activities
• Infrastructure Upgrades to H Canyon, (01/13)
• Plutonium Surveillance Program at SRS, (4/28)
• Surplus, Non-Pit Plutonium Consolidation at SRS, (4/28)
• Enriched Uranium Disposition Project as it Affects Spent Nuclear Fuel and Plutonium Disposition, (7/14)
• Nuclear Materials Process Planning for FY2010, (9/15)
• H-Canyon DOE Standard 3009 (DSA Upgrade), (9/15)
• Spent Fuel Project Planning for FY2010, (9/15)
Nuclear Materials Committee
2009 Recommendations

1.  #266 Enriched Uranium Disposition, adopted 09/29/09
2.  #263 Final Disposition for Spent Nuclear Fuel, Surplus Plutonium, and Vitrified High Level Waste (Joint WM and NM Recommendation), adopted 05/19/09
Presentations Made at Full Board Meetings

January

- Salt Waste Processing Facility
- SCDHEC Environmental Surveillance Oversight Program 2007 Data Summary
- Site Strategic Planning
- F Canyon Outside Facilities 211-F Decommissioning Project
- A/M Area Groundwater Cleanup Status
- SRS Superfund Job Training Initiative
March

- SRNS Update
- Integrated Priority List and Budget Update
- Energy Parks at SRS
- DOE Site Strategic Plan
- Footprint Reduction
- Status of Waste Determination and Tank Closure
- Waste Determination and Tank Closure Status
- Nuclear Regulatory Commission (NRC)
May

- Quarterly Performance Measures Update
- Plutonium Consolidation Program Update and the Surveillance Program Update
- Storage of Vitrified High Level Waste
- FY2009 Appendix E Area Completion Plan
Presentations Made at Full Board Meetings

July

- Solid Waste Program Update
  - TRU Waste
  - PUREX Disposition
- Plutonium Consolidation Program Update
- Recovery Act Footprint Reduction
- Integrated Priority List and Budget Update
- Savannah River Remediation Overview
- Outreach Effort -- Governor’s Nuclear Advisory Council
- Area Completion Projects
  - New Technologies on the Horizon
Presentations Made at Full Board Meetings

September

- Update on the Office of Environmental Management Activities
- SRS Superfund Job Training Initiative Results
- Integrator Operable Unit (IOU) Program Overview
- Nuclear Materials Process Planning for FY2010
- In Services Inspection Program for the SRS Waste Tanks Update
Presentations Made at Full Board Meetings

November

- Cold War Historic Preservation Program Update
- Update on Savannah River Recovery Act Program
- An Overview of the SRS Environmental Report for 2008
- Integrated Priority List and Budget Update
- SRR Project Execution Plan for FY2010
- SRS Performance Measures Update
- H Canyon Improvement Initiatives
- Status of Depleted Uranium Shipments
- Outreach Opportunity --- SRS Community Reuse Organization
- Corp of Engineers --- Reservoir Management and Drought in the Savannah River Basin
## Topics Considered in Work Plan, Scorecard

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<th>Committee</th>
<th>Number Considered</th>
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Conclusions

The SRS CAB members have, through their hard work and efforts, met their goals within the 2009 Work Plan and provided the Department of Energy with notable recommendations.

- Six (6) Full Board Meetings
- Nineteen (19) Committee Meetings
- Workshops, an Educational Process Retreat, and Onsite Tours
- Sixty-Six (66) Presentations at Committee Meetings
- Forty (40) Presentations at Full Board Meetings
- Nine (9) New Recommendations
- SRS Work Flow Graphic was designed and implemented