

# **Savannah River Site (SRS) Citizens Advisory Board (CAB)**

**2009 Work Plan Review  
January 25, 2010**



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SRS Citizens Advisory Board**

# Presentation Outline

- Summary
- Committee
  - Work Plan Topics
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  - 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.

# Summary (continued)

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)

# **S&LM Committee 2009 Recommendations**

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

# **SRS CAB Work Plan Topics**

## **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)
- C, K, L and R Reactor Complexes Early Action Proposed Plan, (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)

# FD&SR Committee 2009 Recommendations

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)

# WM Committee 2009 Recommendations

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

# NM Presentations on Work Plan Topics

- 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

# Presentations Made at Full Board Meetings

## 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)

# Presentations Made at Full Board Meetings

## 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

<b>Committee</b>	<b>Number Considered</b>	<b>Number Addressed</b>
S&LM	15	11
WM	26	24
FD&SR	15	12
NM	21	20
Total	77	67

# 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