

**Savannah River Site  
Citizens Advisory Board  
Meeting Minutes  
March 26-27, 2007  
North Augusta, SC**

**Monday, March 26, 2007, Attendance**

SRS CAB Members

Manuel Bettencourt  
Undrey Bostic  
Franklin Boulineau  
Terri Chaput  
Leon Chavous  
Art Domy  
Mary Drye  
Mercredi Giles  
Cynthia Gilliard-Hill  
Judith Green-McLeod  
Stanley Howard

Stakeholders

Jack Roberts  
Meryl Alalof  
Murray Riley  
Louis Zeller

Kuppuswamy Jayaraman  
Ranowul Jzar  
Madeline Marshall  
Robert Meisenheimer  
Barbara Morningstar-Paul  
Joseph Ortaldo  
Karen Patterson  
Wade Waters  
Sarah Watson  
Alex Williams

Regulators

Don Siron, SCDHEC  
Eddie Wright, EPA-R4

Agency Liaisons

Yvette Collazo, DOE  
Albert Frazier, GDNR  
Rick Caldwell, SCDHEC  
Shelly Sherritt, SCDHEC  
Dawn Taylor, EPA

DOE/Contractors

Jeffrey Allison, DOE  
Rebecca Craft, DOE  
Helen Belencan, DOE  
Jim Brownlow, DOE  
Robert Edwards, DOE  
T. J. Spears, DOE  
Patrick McGuire, DOE  
Sylvia Ellis, DOE  
Sheron Smith, DOE  
Wade Whitaker, DOE  
Dawn Gillas, DOE  
Steve Thomas, WSRC  
Chuck Goegren, WSRC  
Ginger Dickert, WSRC  
Jim Moore, WSRC  
William Harris, WSRC  
Bruce Shappell, BSRI  
Roger Duke, Energy Solutions  
Rick Mcleod, V3  
Mindy Mets, V3  
Debbie Wisham, V3  
Mike Schoener, MAS

CAB Facilitator, Mike Schoener, opened the meeting by stating the meeting rules, including open participation by the public during the meeting. The following new members were welcomed: Frank Boulineau; Undrey Bostic; Terri Chaput; Sarah Watson; and Stan Howard. New member William Palphreyman was unable to attend. Mr. Schoener asked all members to sign up for an issues-based committee. He also made administrative announcements, including the introduction of V3 support person, Debbie Wisham and the executive committee meeting planned for after the day's meeting.

**2007 Workplan Discussions** – The 2007 Workplan was approved as a guideline. No comments were made by members.

**Nuclear Materials Committee**, Manuel Bettencourt, Chair  
Judith Greene – Vice Chair

CAB Member Manuel Bettencourt announced that Charlie Anderson, DOE Principal Deputy Assistant Secretary for Environmental Management (EM-2), will provide a presentation at Tuesday's board meeting and the committee will follow-up with a report as necessary. The committee has reviewed the status of its recommendations; Judy Greene, Vice Chair, is evaluating completed actions on Recommendation 213, regarding Pu Vitrification.

**Waste Management Committee**, Joe Ortaldo – Chair  
Art Domy – Vice Chair (Liquid Waste)  
Alex Williams – Vice Chair (Solid Waste)

On February 20, 2007, several CAB members visited the Parsons Energy Solutions facility in Barnwell where Parsons and its subcontractors are conducting cold run tests without radioactive materials on equipment that will be used in the Salt Waste Processing Facility (SWPF). The committee chair, Joe Ortaldo, thanked Parsons for arranging the informative and educational tour.

On March 8, 2007, Mr. Ortaldo attended the South Carolina Governor's Nuclear Advisory Council (NAC) meeting in Columbia, SC. The meeting was entirely devoted to the Savannah River Site. Topics included: Salt Waste, K-Area Plutonium, Tritium, and Mixed Oxide Fuel Facility (MOX). Mr. Ortaldo commented that the NAC is raising the same questions the CAB raises.

Two WM Committee meetings were held, on February 20, and March 6, 2007. Several issues have evolved; one is the disposal of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) low-level waste in E- Area. Also, delays in the liquid radioactive waste disposal system have been discussed.

Mr. Ortaldo described the South Carolina Department of Health and Environmental Control (SCDHEC)-amended permit for disposal in Saltstone Disposal Facility (SDF), the petition to intervene, and the SCDHEC-issued stay on disposal of wastes from Deliquification Dissolution and Adjustment (DDA) into SDF. The WM Committee is preparing a letter regarding the stay (see following discussion). DOE will update the committee on seismic issues resolution, and the schedule of the Salt Waste Processing Facility.

#### Saltstone Modified Permit Appeal

The document addresses the permit modification issued by SCDHEC to allow disposal of salt waste from the DDA process and two other waste streams Modular Caustic-Side Solvent Extraction (MCU/ARP) and SWPF in the SDF. The permit modification was issued by SCDHEC in February. The Natural Resources Defense Council and other parties appealed to the SCDHEC Board for a review; the Board declined to review the permit modification. Interested parties have now appealed to the SC administrative law court. An appeal in South Carolina automatically stays the decision, so disposal of DDA in SDF has been halted. The document lays out the CAB's position and encourages DOE to expedite the law court's decision process.

The appeal challenges the legality of permitting SDF under an industrial wastewater permit and not RCRA, and also challenges the legality of Section 3116 of the 2005 National Defense Authorization Act. The interveners believe the permit makes SCDHEC complicit with DOE moving forward with disposal of DDA in SDF which the interveners believe is unlawful. Mr. Ortaldo noted that the committee felt compelled to do something because the schedule is so critical.

#### Draft Motion – Liquid Waste Systems Approach (the full recommendation can be found on the CAB's web page).

Mr. Ortaldo introduced the proposed recommendation on the Liquid Waste Systems Approach to the group. He noted that the proposed recommendation is a rollup of historic recommendations. The Waste Management Committee is following the design process and its impact on the schedule and has noted that DOE still has not developed an assessment of the relative risks of the entire system. The Board recognized that the SWPF must be designed, constructed and operated to provide reasonable assurance of safety to workers, the public and the environment, and also recognized the reality of the limited life of the facility – 12 to 15 years.

Because waste tanks have existed for decades, the CAB questioned the marginal safety improvement achieved with redesign and reanalysis of the SWPF. CAB members wished to be supportive of the DNFSB design, but also wanted to see the overall change in risk with the delay factored in. The system perspective should evaluate the facility's ability to withstand a major earthquake against the needs for timely removal of waste from the tanks.

Additional discussions and changes were made to the proposed recommendation, which will be presented for acceptance at the full CAB meeting on tomorrow, March 27.

## Presentation - Soils and Groundwater Project Groundwater Strategy

Wade Whitaker, Department of Energy, Savannah River and Bruce Schappell, Bechtel Savannah River, Inc. presented an overview of Groundwater Conditions, which included Groundwater Remediation Framework, Strategies Controlling Migration, Technology Application, Recent Successes - Source Remediation and Groundwater Management. He discussed some of the groundwater challenges and presented the site's plans for a path forward.

Questions and answers after the presentation touched on whether the groundwater transport model was too conservative, and what parameters were input into the model; locations of sampling collection site; the efficiency of the dynamic underground stripping; adequacy of the budget; reason for a mixing zone, care in using organisms for bioremediation, and disposition of solvents removed from the groundwater.

## **Strategic and Legacy Management (S&LM) Committee** - Madeleine Marshall - Chair

Committee Chair Madeleine Marshall spoke of the responsibilities of the S&LM Committee, two pending recommendations and four open recommendations. She also welcomed new Vice Chairs, Wade Waters and Ranowul Jzar.

### Budget Presentation

Presenter, Sara Blanding, Chief Financial Officer, DOE-SR, addressed the Fiscal Year (FY) 2007-2008 Budget Request and explained the FY 2009 Budget Process, including planned accomplishments.

Regarding the budget process and information communicated with the CAB, Ms. Blanding explained that budget year information will be provided to the CAB at the Program Baseline Summary (PBS) level. Information beyond the budget year will be provided at the site level only. The FY 2006 Project Execution Plan (PEP) developed in support of the FY 2008 was provided at the February 27 S&LM Committee meeting.

CAB members requested more explanation about the continuing resolution, the slip from completion of cleanup from 2025 to 2031 with no prior notice, and the reason SWPF was not on the priority list. Terry Spears, DOE-SR, stated SWPF was separated from the priority list because the SWPF was fully funded before the priority list was made.

### CAB Proposed Recommendation - DOE Budget Formulation and Stakeholder Participation *(The full recommendation can be found on the CAB's web page)*

Ms. Marshall explained the motion which proposed CAB recommendations related to DOE-SR budget and budget communication with the CAB.

CAB members discussed revisions to the proposed recommendation. The motion will be presented for acceptance at the Full CAB meeting on Tuesday, March 27.

### **Public Comments**

CAB Member Manuel Bettencourt invited members to join the Nuclear Materials Committee.

Lou Zeller, General Public – noted a media presentation, *Sow the Wind* to the CAB which describes BREDL analysis of air samples collected from the SRS perimeter. He also noted his website [www.mtafund.org](http://www.mtafund.org). Mr. Zeller commented that the 50 year remediation program envisioned by the DOE in the 1990s may have been a more accurate assessment of the task at hand and current plans of half that duration may shortchange people living in the area. The CAB should take the steps necessary to halt the spread of toxic and radioactive pollution. The cleanup project should be comprehensive and should not trade one type of pollution for another. Cleaning up the groundwater and putting it into the atmosphere should be looked at because in the case of radioactive pollution there is 10 times the amount of pollution going into the atmosphere as there is into the water already. And finally, new facilities & new missions at SRS (Complex 2030, Modern Pit Facility, Plutonium fuel factory) would add to the pollution load which is already at its limit under the Clean Air and Water Act. BREDL believes these facilities should not be permitted at the SRS. BREDL has a contrary and beneficial vision for Central Savannah River Area

turning the Savannah River Site in to an alternative or renewable energy center. A report is available at [www.mtafund.org](http://www.mtafund.org) and shortly at [www.bredl.org](http://www.bredl.org).

The Executive Committee meeting followed.

Meeting adjourned at 4:44 p.m.

## Tuesday, March 27, 2007, Attendance

### SRS CAB Members

Manuel Bettencourt  
Undrey Bostic  
Franklin Boulineau  
Terri Chaput  
Leon Chavous  
Art Domby  
Mary Drye  
Mercredi Giles  
Cynthia Gilliard-Hill  
Judith Green-McLeod  
Stanley Howard

### Stakeholders

Jack Roberts – Aiken  
Liz Goodson - Public  
Murray Riley – Aiken Public  
Perry Holcomb, Public  
Louis Zeller - BREDL

Kuppuswamy Jayaraman  
Ranowul Jzar  
Madeline Marshall  
Robert Meisenheimer  
Barbara Morningstar-Paul  
Joeseph Ortaldo  
Karen Patterson  
Wade Waters  
Sara Watson  
Alex Williams

### Regulators

Eddie Wright, EPA-R4  
Ted Millings, SCDHEC

### Agency Liaisons

Yvette Collazo, DOE  
Albert Frazier, GDNR  
Rick Caldwell, EPA  
Shelly Sherritt, SCDHEC  
Dawn Taylor, EPA

### DOE/Contractors

Jeffrey Allison, DOE  
Rebecca Craft, DOE  
Helen Belencan, DOE  
Tom Tregel, DOE  
Dawn Giles, DOE  
Helen Belencar, DOE  
Sylvia Ellis, DOE  
Scott DeClue, DOE  
Rod Rimando, DOE  
Patrick McGuire, DOE  
T. J. Spears, DOE  
Charles Anderson, DOE  
Jim Moore, WSRC  
William Harris, WSRC  
Ginger Dickert, WSRC  
Steve Thomas, WSRC  
Rick Reichel, WSRC  
Bill Bates, WSRC  
Rick McLeod, V3  
Jenny Freeman, Strata-G, LLC  
Mindy Mets, V3  
Debbie Wisham, V3  
Mike Schoener, MAS

Citizens Advisory Board (CAB) Chair Karen Patterson opened the meeting and asked Leon Chavous to lead the Pledge of Allegiance. Ms. Patterson welcomed new members (Stanley Howard, Sarah Watson, Terri Chaput, Franklin Boulineau, and Undrey Bostic) and asked them to stand and introduce themselves. New member William Palphreymam was not able to attend. Mike Schoener served as Facilitator, and Rick McLeod was present as the CAB's Technical Advisor. The meeting was open to the public and posted in the *Federal Register* in accordance with the Federal Advisory Committee Act.

The Facilitator reviewed the agenda.

### Approval of the Minutes

The minutes of the January 2006 meeting were approved with no changes.

### Agency Updates

#### South Carolina Department of Health and Environmental Control (SCDHEC)

Shelly Sherritt, SCDHEC, reported that High Level Waste (HLW) is considered by SCDHEC to be the single largest environmental threat to the state and its citizens. On March 13, 2007, Ms. Sherritt attended the National Academy of Science workshop. NAS is giving DOE guidance regarding the future focus for research and development (R&D). SCDHEC believes that R&D should focus on HLW and technologies for waste removal, and also on adherence to the Salt Waste Processing Facility (SWPF) schedule.

She noted that in the Saltstone Disposal Facility (SDF) permit modification, the schedule for the SWPF was addressed. She stated that although the permit modification is under appeal, the appeal does not affect the construction of the SWPF and SCDHEC will continue to update the CAB on the permit status.

Ms. Sherritt stated that SCDHEC has been looking closely at the consultation process between the NRC and DOE. She said the process has delayed the closure of Tanks 18 and 19 beyond the FFA tank closure schedule. She noted that new modeling and performance assessments will be provided initially to NRC, then to SCDHEC. She assured the group that SCDHEC was working closely with DOE and the NRC to develop the scope for the model and the performance assessment, before they are developed, to reduce misunderstandings between the various agencies and additional delays.

Nineteen of the scheduled activities in the FFA are at risk in 2008 and SCDHEC is hopeful, she said, that DOE will obtain the necessary funds to comply with the FFA.

Rick Caldwell, director of the Aiken SCDHEC office, noted that the Agency for Toxic Substance and Disease Registry (ATSDR) is urging citizens to take precautionary measures to prevent exposure to naturally-occurring radium, specifically naturally-occurring radium associated with a public well in Jackson, SC. The well has been closed and additional wells have been drilled, he said.

#### Georgia Department of Natural Resources/ Environmental Protection Division (GA DNR/EPD)

Al Frazier, GADNR/EPD, stated that GADNR/EPD does not have regulatory authority over SRS but serves as a liaison member of the CAB. He stated the EPD is opening a new district office in Columbus, GA. And before the end of the year, Homeland Security will install a portable radiation detection unit at the westbound I-20 weigh station.

#### Environmental Protection Agency (EPA)

Dawn Taylor, EPA Atlanta, stated that EPA was also surprised that the D&D program was not funded in the FY08/09 budget. She said EPA plan to have discussions with DOE on the lack of funding and impacts to the agreed-upon cleanup schedule, and EPA is concerned about potential releases in the E-Area low level waste disposal facility. EPA sent a letter at the end of January stating the concern and in mid-February followed up with another letter that rescinded the offsite rule acceptability for the E-Area slit trenches, effective immediately, Ms. Taylor said. She also stated that until such time as EPA and DOE resolve the continued ability of E-Area to accept CERCLA waste, no CERCLA waste is allowed to go to the slit trenches in E-Area. She concluded that disposal of CERCLA waste in other offsite disposal facilities became unacceptable because of the way the rule was written and EPA has granted a 60-day grace period to resolve the acceptability of other disposal units on the SRS.

#### Department of Energy

DOE Deputy Designated Federal Official (DDFO), Yvette Collazo, introduced Mr. Jeff Allison, DOE-SR Site Manager. Mr. Allison told the CAB of a DOE-SR reorganization, which included a new Deputy for Business, Jean Schwier, and changes under Assistant Manager for Closure Projects. Mr. Allison passed out an organization chart to the CAB members.

CAB Chair Karen Patterson requested that DOE make a presentation at the next CAB meeting on the cleanup extension from 2025 to 2031.

Ms. Collazo, reported that on February 26, SCDHEC notified DOE that the industrial solid waste landfill permit modification for the SDF was in effect and that SRS began processing low-activity salt waste through DDA soon thereafter. On March 19, she stated, NRDC and other interested parties submitted a request for a hearing before the administrative law court on the decision of the SCDHEC to issue a modified industrial solid waste landfill permit for DOE SDF. As a result, DDA disposal operations have been halted. She stated that DOE will work with SCDHEC to keep the CAB informed throughout the hearing process.

Regarding the E-Area slit trenches, Ms. Collazo stated that DOE understands that the EPA does not intend to stop work on operational missions at other units, other than E-Area slit trenches, that were included in a letter submitted to DOE and DOE will request an extension of the acceptability of these units. Also, said Ms. Collazo, EPA has requested SRS to demonstrate how the Atomic Energy Act (AEA) definition of special nuclear source and

byproduct material leads to materials that are disposed of in the slit trenches. The AEA supports federally-permitted release sites and might be a source for resolution of the dispute.

Ms. Collazo stated that the draft Request for Proposals (RFPs) for the Savannah River Liquid Waste Program has been issued for comment, and that DOE-SR issued a pre-solicitation notice for the liquid waste program under a full and open competition. She continued that a cost plus award fee contract is anticipated and the draft RFP comment period would be open through April 30, 2007. Additional information will be open on the Interactive Procurement system (IPS) and the SRS Acquisition website at <http://professionals.pr.doe.gov.srs/swrfp.html>.

Ms. Collazo discussed the Gold Metrics. She noted the continued operations of DWPF; 68 canisters have been filled in FY07, with a total of 2,282 filled since operations began. Finally, in regards to new CAB support, Mindy Mets has been providing outstanding support and will be continuing on a part-time basis. Additionally, a new V3 Staff Member, Debbie Wisham, along with Gerri, Sheron, and Rick, will be providing support to the CAB.

In response to a question about the process DOE uses to identify “at-risk” commitments for the SRS, Ms. Collazo stated that DOE has identified the commitments that are in jeopardy, the priorities, and what should be renegotiated. If milestones will be missed, DOE would renegotiate, as required.

CAB Member Joe Ortaldo asked if the releases of tritium from the E-Area trenches increased releases of tritium from the SRS. Shelly Sherritt, SCDHEC, responded that the releases do not increase the tritium releases from the SRS. Ms. Patterson requested an explanation of the difference between what would go in an E-Area trench and another area trench. Helen Belencan, DOE-SR, responded that E-Area is dedicated to waste disposition activities. Other areas, she said, don’t have waste disposal facilities. She stated that DOE asked EPA to grant acceptability to store, treat or dispose CERCLA-generated waste in the E-Area slit trenches, Effluent Treatment Facility, TRU Pads, and Central Shops and EPA has granted approval for those units. Ms. Belencan continued that the off-site rule is structured such that a concern at one unit, casts a shadow over all of the units, so that when EPA rescinds the acceptability of one unit, other units are put on notice.

### **Public Comments**

Mindy Mets expressed her appreciation to the CAB for their support and understanding in February while she was out.

Perry Holcomb, retiree from SRS and former CAB Member, welcomed the CAB to North Augusta. Mr. Holcomb noted that the Gold Metrics lists the name Liquid Waste in place of High- Level Waste and requested DOE change the name back to High-Level Waste. Mr. Holcomb asked that Ms. Patterson, as Chair of the CAB, request that DOE make a presentation on the contract process currently underway to update the public.

### **Chair Update**

CAB Chair Karen Patterson stated she will be going to Las Vegas, NV to attend the Site-Specific Advisory Board (SSAB) Chairs meeting. She and several people from SRS attended the Tucson Waste Management symposium. At that meeting, CAB Member Art Domby presented a paper on “what a lawyer would bring to a Board like this” that was nominated for best paper. Ms. Patterson recounted the fact that Mr. Jim Rispoli, Assistant Secretary for EM, missed the meeting due a snow storm in Washington but his presentation was given by Mark Frei. Mr. Rispoli’s presentation included a statement about EM’s goal to interact more with stakeholders and the example given was the new budget guidance recently signed. Ms. Patterson noted that the SRS CAB Recommendation, sponsored by former CAB member Jimmy Mackey, helped prompt this new budget guidance.

CAB Member Bob Meisenheimer requested that slow progress on the licensing of the Yucca Mountain repository be a topic for the SSAB Chairs meeting in Las Vegas, NV. Specifically, he suggested that Ms. Patterson suggest a combined Chairs’ motion.

### **Facilitator Update**

Mr. Schoener provided the Recommendation Status report: 4 recommendations are pending, 32 recommendations are open, 207 recommendations are closed.

Mr. Schoener explained that the 2007 Work Plan is approved and is a guideline for the CAB.

**Strategic & Legacy Management Committee, Madeleine Marshall -- Chair**

A recommendation motion, DOE Budget Formulation and Stakeholder Participation, was introduced by Committee Chair, Madeleine Marshall. The motion addressed concerns about CAB involvement in the budget process including changes, plus review and comment on important topics. The recommendation included a request for DOE-SR to provide a briefing to the SRS CAB in April 2007 on the Continuing Resolution and its potential impact; and by May 22, 2007, to provide a timeframe within the budget process to allow review and input by the CAB; to clarify the budget embargo dates and identify a time (date) where budget information can be shared. CAB Member Wade Waters moved to adopt the motion, which was seconded by CAB Member Leon Chavous. The recommendation passed with a vote of 19 in favor, no opposition and no abstentions.

**Waste Management Committee, Joe Ortaldo – Chair**

A recommendation motion, Liquid Waste Systems Approach, was presented by Committee Chair, Joe Ortaldo. The SRS CAB wanted technical and design issues between DOE and DNFSB resolved quickly. The SRS CAB recommended that DOE provide a quantitative systems-approach analyses for the liquid radioactive waste system that support the SWPF design decisions by May 22, 2007; and to explain the methods used to evaluate the liquid radioactive waste system

After discussions, CAB Member Manuel Bettencourt moved to adopt the motion, which was seconded by CAB Member Wade Waters. The recommendation passed with a vote of 19 in favor, no opposition and 1 abstention. CAB Member Jayaraman stated he abstained because he wasn't convinced by the recommendation and he does not believe the CAB needs the technical information requested.

**Facilities Disposition & Site Remediation Committee, Mary Drye- Chair**

Committee Chair, Mary Drye invited members to the FD&SR committee meeting in April (date to be determined.)

**Public Comments**

Lou Zeller brought printed copies of the report, *Sow the Wind*, for distribution. He also presented a copy to the CAB Chair for the CAB records. Within the report is the baseline 1996 Environmental Management Report which outlines environment cleanup at the SRS in dollar figures through 2065 with lifecycle costs of over \$48 billion. He commented that the people in the CSRA deserve the best cleanup if it takes half a century for the cleanup – as long as it took to make the mess.

Madeline Marshall, as a member of the public, stated that she is concerned over the core competency loss at the SREL if funding is reduced. She requests information about the funding for SREL and feels the full impact of funding cuts may not be considered.

**Nuclear Materials, Manuel Bettencourt - Chair**

Committee Chair Bettencourt stated an open recommendation for Plutonium Vitrification has a response from DOE. He also noted that the Notice of Intent for an Environmental Impact Statement for Plutonium Vitrification Facility was just released.

**Environmental Management - Presentation Charlie Anderson EM-2**

Mr. Charles Anderson, DOE Principal Deputy Assistant Secretary for Environmental Management (EM-2), provided a presentation to the CAB. No handouts of this presentation were distributed. Topic highlights are outlined below:

Nuclear Material Consolidation and Disposition at Savannah River Site

Overview

Consolidation and Disposition of Surplus Weapons-Usable Plutonium



- Consolidation of surplus non-pit plutonium-239 (Pu-239) is a critical need of the country due to high security requirements and cost.
- Material is currently stored at SRS, Hanford, Los Alamos National Laboratory, and Lawrence Livermore National Laboratory.
- Implementation Plan (IP) for consolidation and disposition of surplus non-pit Pu-239 recently completed and recommends consolidation at SRS.
- IP includes a three-pronged approach for the disposition of surplus Pu-239:
  - Construct and operate a Mixed-Oxide (MOX) Fuel Fabrication Facility and a Pit Disassembly and Conversion Facility, and a Waste Solidification Building ( MOX Program)
  - Construct and operate a plutonium vitrification capability to disposition “Non-MOMable” plutonium.
  - Operate the H-Canyon facilities to dissolve uranium and plutonium bearing materials as well as some uranium spent nuclear fuel.
- IP builds on unique and strong capabilities at SRS.

#### Benefits

- Consolidation of surplus Pu-239 at SRS would:
  - Reduce risk of storage to public and environment
  - Reduce number of Category I facilities and enhance security
  - Result in significant cost savings and cost avoidance
  - Relocate material to site with expertise and capability (planned and existing) to disposition the material
- Three-pronged approach for disposition would assure a disposition pathway out of South Carolina and provide a major contribution to non-proliferation initiatives.
- Provides several thousand jobs at SRS over many years.

#### Proposed Next Steps

- Proceed with required National Environmental Policy Act actions
  - Prepare and issue a Supplement Analysis for plutonium consolidation
- Continue with three-pronged disposition approach
- Prepare and submit required plan and notification to Congress

#### Tank Space Management

- Tank space remains a critical issue, but SRS tank farms can support H-Canyon operations with judicious management

#### FY2008 Budget Activities

- FY 2008 Budget Request for SRS Nuclear Materials Stabilization and Disposition is ~\$358 M

#### **CAB Members had many questions about the presentation:**

- When must the plutonium at Hanford be removed and does the EIS needs to be completed by 2008? *Mr. Anderson stated a 2008 date for the removal Hanford plutonium is not firm but the 2009 date is. The EIS will need to be completed before the removal. Treatment through H-Canyon is the preferred alternative. Mr. Anderson stated that up to 13 metric tons would be vitrified in the vitrification facility that will be constructed in K-Area.*
- What impact will Plutonium vitrification have in the DWPF canister production and the schedule to complete the DWPF mission? *Mr. Anderson stated about 225 canisters and another year of operation.*
- Are priorities for the programs at SRS made by the site or are they set by Congress. *Mr. Anderson answered that both participate. The budget process is very involved.*
- What are the impacts at other sites and what are other sites doing that we aren't doing? *Mr. Anderson answered that the plan includes moving aluminum clad fuel now at INEL to SRS, and moving zircalloy clad fuel at SRS to Idaho. More pieces come to SRS and more tonnage goes to Idaho. Hanford needs to remove*

*the plutonium from the site to avoid the costs of security upgrades. Lawrence Livermore is already shipping material. Y-12 is trying to meet the 2030 requirement and get down to two major facilities.*

- What is the driver that is holding K-Basin to schedule? *Mr. Anderson stated there were technical difficulties. The driver is contamination threat to the groundwater.*
- What is the timeline for the H-Canyon effort? *Mr. Anderson answered that priorities are first getting out of tanks 1 through 8, and trying to keep things from going into the tanks.*

**Public Comments**

No Public Comments

**Administrative Committee**

No Comments

Meeting Adjourned 2:40 p.m.

**Handouts**

SRS CAB Agenda

Savannah River Site's CAB 2007 Annual Work Plan

Liquid Waste Systems Approach, draft motion

SRS Citizens Advisory Board letter to DOE, Saltstone Modified Permit Appeal, March 26, 2007

Soils and Groundwater Project Groundwater Strategy, Wade Whitaker, DOE-SR and Bruce Schappell, BSRI

Savannah River Site Environmental Management Defense Environmental Cleanup Budget Briefing, S. A. Blanding, CFO DOE-SR

DOE Budget Formulation and Stakeholder Participation, draft motion

SRS Citizens Advisory Board letter to DOE, FY2009 Budget Priority List, March 8, 2007

SRS Gold Metrics – Through Dec. 2006

SRS CAB Recommendation Status

Liquid Waste Systems Approach, final motion

DOE Budget Formulation and Stakeholder Participation, final motion

SRS CAB 2007 Calendar