

**Savannah River Site
Citizens Advisory Board
Draft Meeting Minutes
May 21 & 22, 2007
Savannah, GA**

Monday, May 21, 2007, Attendance

SRS CAB Members

Donna Antonucci
Franklin Boulineau
Terri Chaput
Leon Chavous
Art Dombey
Mary Drye
Stan Howard
Kuppuswamy Jayaraman
Ranowul Jzar
Judith Green-McLeod
Joe Ortaldo
Karen Patterson
Wade Waters
Sarah Watson
Alex Williams
Gloria Williams-Way

Agency Liaisons

Yvette Collazo, DOE
Arthur Collins, EPA
Kim Newell, SCDHEC
Albert Frazier, GDNR
Shelly Sherritt, SCDHEC

Regulators

Heather Cathcart, SCDHEC

Stakeholders

Joe Whetstone
Jimmy Mackey

DOE/Contractors

Jeffrey Allison, DOE
Rebecca Craft, DOE
Helen Belencan, DOE
Steve Baker, DOE
Robert Edwards, DOE
T. J. Spears, DOE
Gerri Flemming, DOE
Sheron Smith, DOE
Wade Whitaker, DOE
Micheal Mikolanis, DOE
Ginger Dickert, WSRC
Jim Moore, WSRC
Sonny Goldston, WSRC
Steve Thomas, WSRC
William Clark, Parsons
Rick Mcleod, V3
Elmer Wilhite, SRNL
Mindy Mets, V3
Debbie Wisham, V3
Mike Schoener, MAS

Due to a scheduled delay of the facilitator, Citizens Advisory Board (CAB) Chair Karen Patterson opened the meeting by stating the meeting ground rules and inviting participation from the public during the meeting.

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

Committee Vice Chair Judith Greene-McLeod announced that the Nuclear Materials Committee held a meeting on April 24, 2007, in which Pat McGuire, Acting Assistant Manager for Nuclear Materials Stabilization, gave a presentation on Enriched Uranium Disposition, which was a follow-up to the Environmental Management presentation given at the March CAB Meeting by Charlie Anderson, DOE Principal Deputy Assistant Secretary for Environmental Management (EM-2). The next meeting of the Nuclear Materials Committee will be June 12, 2007, at the Aiken Federal Building. A Site tour of the Nuclear Materials Program will be held on June 13, 2007. Recommendation 217 was closed and replaced by Recommendation 245 from last meeting. An article from the *Weapons Complex Monitor* reported that the Savannah River Site was considering abandoning the Plutonium Vitrification Project. The CAB asked for more detailed information from DOE about the validity of the article. Both the Committee Chair and Vice Chair attended the scoping meeting for the Supplemental Environmental Impact Statement for Surplus Plutonium Disposition held in Aiken, SC, on April 17, 2007. Ms. Greene-McLeod made public comments at the scoping meeting summarizing the draft motion below.

Draft Recommendation Motion - Supplemental Environmental Impact Statement for Surplus Plutonium Disposition at SRS. (the full recommendation can be found on the CAB's web page).

Ms. Greene-McLeod introduced the proposed recommendation on the Supplemental Environmental Impact Statement for Surplus Plutonium Disposition at SRS to the group. The CAB's primary comments centered on the need for DOE to address the waste streams that each plutonium facility will generate.

The CAB recommended that DOE include the following analysis in the Supplemental EIS for Surplus Plutonium Disposition at the SRS:

1. The volume, type, and constituents of each waste stream being generated by the disposition facilities.
2. The possible treatment options for each waste stream.
3. The preferred and selected treatment options for each waste stream.
4. The basis or reason for the selection of each identified treatment option.

CAB Members discussed and made changes to the proposed recommendation motion, which would be presented for acceptance at the full CAB meeting the following day, May 22, 2007.

Waste Management Committee, Joe Ortaldo – Chair

Art Domby – Vice Chair (Liquid Waste)

Alex Williams – Vice Chair (Solid Waste)

Committee Chair Joe Ortaldo announced that two Waste Management Committee meetings were held during the months of April and May. The number one priority continues to be the Saltstone Facility. The Waste Management Committee reviewed a presentation on the Liquid Waste Processing System given by Tony Polk in May. The committee will hold its next meeting on June 19, 2007, at the Aiken Federal Building.

Presentation –The CERCLA Off-Site Rule and how it is applied at the Savannah River Site

Helen Belencan, Department of Energy - Savannah River (DOE-SR), and Sonny Goldston, Washington Savannah River Company (WSRC), presented an overview explaining the CERCLA Off-Site Rule and how it is applied at the Savannah River Site. Ms. Belencan explained the recent actions by the Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) regarding E-Area Slit Trenches, and she provided the current status. She explained that EPA rescinded the Offsite Rule on February 16, 2007. In compliance with the Off-Site Rule regulations, EPA directed DOE to *immediately stop* using the slit trenches for disposal of Comprehensive Environmental Response Compensation Liability Act (CERCLA) waste while allowing 60 days of continued operation of the other CERCLA units at SRS. She continued to explain that as of April 12, 2007, only the E-Area Slit Trenches can no longer receive waste generated by CERCLA actions. SRS received authorization from EPA allowing continued use of all units until the status of the slit trenches is resolved. The presentation continued with speaker Sonny Goldston who presented a video documentary entitled “The Savannah River Site’s E-Area Low Level Waste Facility: Security, Safety and Risk Reduction”. Mr. Goldston presented historical data on the E-Area Slit Trenches and explained the regulatory criteria and the required monitoring programs for the slit trenches.

In response to letters from the EPA and SCDHEC, DOE has agreed to conduct a site evaluation on the slit trenches; this follows the requirements of the Federal Facility Agreement (FFA).

Questions after the presentation focused on the need for liners in the slit trenches and options for CERCLA waste if they cannot go into the slit trenches. Mr. Ortaldo asked DOE for the cost of the facilities to accept and store CERCLA waste.

Presentation - Risk Evaluation Methods

Mike Mikolanis, DOE-SR, gave an overview on Risk Evaluation, which included: Evaluation of Products; Risk Identification and Management Drivers; Methodical Disciplined Facility Approach; and Standards-Based Approach for Risk Management. Mr. Mikolanis discussed a seismic case study for the Salt Waste Processing Facility (SWPF) and Tank Farms. He then summarized that a seismic risk does not increase over time and the probability of a given earthquake is constant, no more or less likely with each passing year.

Questions after the presentation were on the differences between the PC2 and the PC3 designs, how a PC3 event would feel to the public, and using the risk evaluation method in future projects. CAB members raised the possibility that risks to the tanks other than seismic increased with time. Mr. Mikolanis volunteered to come back to discuss the design tolerance of the tanks.

Presentation Salt Waste Processing Facility (SWPF) – Liquid Waste Planning

Tony Polk, DOE-SR, gave an overview of Waste Disposition Programmatic Objectives. He discussed the Consensus Goals; Safely Stabilizing and Disposing of Radioactive Liquid Tank Waste; Risk Reduction and SRS waste disposition plans; (which target the highest risks first) Vitrification and disposal of sludge waste; and the

Stabilization of old-style tanks. Mr. Polk emphasized that it is critical to continue interim salt processing under the modified Saltstone Disposal Facility permit to meet Fiscal Year (FY) 2010 tank closure regulatory commitments and to prevent significant sludge processing delays. Delays will need to be mitigated from 39 months to 24 months by projects such as building new lag storage tanks; designing and constructing a Fluidized Bed Steam Reformer for Tank 48 waste treatment; using new technologies for Tanks 1-3 waste treatment; assurance of continued operation of 2F Evaporator; and reducing tank closure schedules (characterization, WD, consultation, grouting). In conclusion, Mr. Polk stated that SRS continues to eliminate risk by processing and vitrifying sludge waste. Tank space issues increase risk of sludge processing delays, interruption of DWPF operation, and delays to tank closures. He stated that SRS must continue with interim salt processing to create space and will keep the CAB involved and informed of risks and opportunities as they move forward.

Questions after the presentation touched on the delays in tank closure and the methods DOE is applying to achieve its goal.

Facilities Disposition & Site Remediation Committee – Mary Dry- Chair

Committee Chair Mary Drye summarized her attendance at a seminar on April 26, 2007, which was given by the DOE Office of Environmental Management, Department of Groundwater and Soil Remediation, and SRNL. The seminar was on attenuation based remedies at chlorinated solvent contaminated sites.

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

Wade Waters – Vice Chair

Committee Vice Chair Wade Waters filled in for the Committee Chair who was not present. He stated that during the March meeting, the CAB passed Recommendation 244 which was based on the Budget. Steve Baker, DOE-SR, presented an informative Budget presentation to the committee earlier this month and was asked to return to give the presentation to the full CAB. Mr. Waters said the next S&LM Committee meeting will be on June 12, 2007, at the Aiken Federal Building.

Presentation - Budget

Steve Baker, DOE-SR, gave an overview of the Total Site Budget and the FY2006 – FY2013 Funding Profile, including: FY06 Accomplishments; FY 2007 Continuing Resolution and Related Issues; Performance Indicators; and the Budget Timeline. Mr. Baker gave a breakdown of funding per Project Baseline Summaries (PBS), including titles of PBS line items. He gave the FY007- FY009 Planned Accomplishments and assured the CAB of minimal impact of the Continuing Resolution to the SWPF. Mr. Baker also indicated the SRS budget timeline for the CAB input is in mid-March.

Public Comments

Joe Whetstone, member of the public, shared a newspaper article with the CAB from the *Washington Post* entitled “Thousands of Nuclear Arms Workers See Cancer Claims Denied or Delayed.” He stated he would send an electronic copy of the article to Gerri Flemming for distribution.

Jimmy Mackey stated he would speak tomorrow at the full board meeting concerning information he has about the Savannah River Ecology Laboratory (SREL).

Ranowul Jzar informed the CAB that Mercredi Giles (CAB Member) had a baby girl, born May 6, 2007.

~ End of Public Comments ~

Draft Recommendation Motion – Information for the Administrative Law Court (*the full recommendation can be found on the CAB’s web page*).

The recommendation motion, Information for the Administrative Law Court, was presented by Committee Chair Joe Ortaldo and Vice Chair Art Domby. The document addressed the request filed by the Natural Resources Defense Council (NRDC), Nuclear Watch South, the Carolina Peace & Resource Center, Southern Alliance for Safe & Clean Energy, Blue Ridge Environmental Defense League and the Sierra Club (the “petitioners”) to contest the South Carolina Department of Health and Environmental Control permit modification issued to the Department of Energy

for the disposal of “salt” waste from the Savannah River Site tank farm. Some fission products would be removed and this salt waste would be placed in a grout matrix and disposed of in the Saltstone Disposal Facility. Activities allowed by the SCDHEC permit modification will let DOE continue removal of waste, thereby reducing risk to SRS workers, the public, and the environment. Delay for several years while the Salt Waste Processing Facility is designed, constructed and initially operated, as proposed by the petitioners, is not in the overall public interest. Consistent with well-recognized precedent, the Administrative Law Judge should give deference to SCDHEC’s application of its regulations. As members of the public, the CAB supports the resumption of operation of the “interim” processing of salt.

To minimize the impact to the overall schedule and reduce the risks associated with storing waste in the aging tanks, the SRS CAB recommended that DOE:

1. Request the Administrative Law Court review the merits of this case as quickly as possible and provide a decision in the most expeditious manner that is possible.
2. If a review is not performed in a timely manner, then the CAB requests that DOE petition the Administrative Law Court to lift the stay so operation of the “interim” processing of salt can continue while legal decisions related to this proceeding are being considered.

CAB Members discussed and made changes to the proposed recommendation motion, which would be presented for acceptance at the full CAB meeting the following day, May 22, 2007.

Draft Recommendation Motion – Disposal of CERCLA Wastes in the SRS Slit Trenches - Off-site Rule *(the full recommendation can be found on the CAB’s web page).*

The proposed motion, Disposal of CERCLA Wastes in the SRS Slit Trenches - Off-site Rule, was presented by Committee Chair Joe Ortaldo. The document addressed the CERCLA Off-site Rule Authority for the disposition of CERCLA wastes. If not reinstated, CERCLA waste will have to be shipped to another facility, probably in Utah or Nevada, meaning that the costs to the taxpayers for the disposition of Deactivation and Decommissioning (D&D) CERCLA wastes at SRS will increase substantially, but without providing benefits to the public, workers or the environment.

CAB Members, Technical Advisor, and Liaisons discussed the recommendation. The motion was tabled by Committee Chair Joe Ortaldo until such time as the Waste Management committee can come to a better understanding of the risks and benefits of the options for the disposal of SRS CERCLA wastes.

Meeting adjourned at 4:44 p.m.

Tuesday, May 22, 2007, Attendance

SRS CAB Members

Donna Antonucci
Undrey Bostic
Franklin Boulineau
Terri Chaput
Leon Chavous
Art Domby
Mary Drye
Stan Howard
Kuppuswamy Jayaraman
Ranowul Jzar
Judith Green-McLeod
Joe Ortaldo
Karen Patterson
Wade Waters
Sarah Watson
Alex Williams
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Agency Liaisons

Yvette Collazo, DOE
Arthur Collins, EPA
Kim Newell, SCDHEC
Albert Frazier, GDNR
Shelly Sherritt, SCDHEC

Regulators

Heather Cathcart, SCDHEC

Stakeholders

Joe Whetstone
Jimmy Mackey
Murray Riley
Tony Tudser
Heath Haya
Bill Voge

DOE/Contractors

Jeffrey Allison, DOE
Rebecca Craft, DOE
Helen Belencan, DOE
Steve Baker, DOE
Robert Edwards, DOE
T. J. Spears, DOE
Gerri Flemming, DOE
Sheron Smith, DOE
Wade Whitaker, DOE
Dawn Gillas, DOE
Rick Arkin, DOE-NNSA
Bill Clark, DOE-NNSA
Jim Moore, WSRC
Sonny Goldston, WSRC
Tom Kucekowsky, HHP
William Clark, Parsons
Rick Mcleod, V3
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. 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 and stated the meeting ground rules.

Approval of the Minutes

The minutes of the March 2007 meeting were approved with no changes.

Agency Updates

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

Al Frazier, GADNR/EPD, stated that in 2004 Georgia legislators passed the Comprehensive Statewide Water Management Planning Act. Since then, he stated that a water council had been appointed and tasked to devise a comprehensive statewide management plan for water resources in the state of Georgia. He said they would be holding statewide public meetings and the following week would be in Augusta, GA. He stated that the council has been tasked with developing a plan by the end of June to present to the 2008 legislative session for consideration.

He told the group that the water restrictions in the state of Georgia had been imposed for outdoor watering to occur only between the hours of midnight and 10:00 a.m. and the Georgia Air Quality Control Act established a burn ban in Georgia during May 1 to September 30 for certain counties of the State including the Augusta/Richmond/Columbia County area.

South Carolina Department of Health and Environmental Control (SCDHEC)

Shelly Sherritt, SCDHEC, reported working with the Nuclear Regulatory Commission (NRC) in coordinating monitoring plans on the Saltstone Disposal Facility (SDF). She said DHEC has been working with the NRC, DOE, and EPA on scoping meetings and the formulation of a performance assessment.

Kim Newell, Aiken SCDHEC, stated that the Aiken South Carolina Farmers Market was not shut down by SCDHEC as the media was reporting because the USDA oversees roadside vegetable stands.

Environmental Protection Agency (EPA)

Arthur Collins, EPA Atlanta, stated that the EPA Waste Division has been reorganized into the RCRA Division and the Superfund Division. He said Dawn Taylor has transferred into another position within the EPA and is no longer the CAB EPA Liaison.

Mr. Collins stated that the EPA sent a CERCLA Notice of Unacceptability to DOE in January 2007 which stated that due to a release in the E-Area slit trenches, disposal in the slit trenches was to cease immediately and the 15 other facilities were given 60 days notice. In April 2007, he said a letter was prepared granting an extension of the offsite acceptability to all disposal facilities on SRS except the slit trenches and EPA was currently working on a letter that will allow DOE to continue using the fifteen other facilities.

Mr. Collins said that the EPA is concerned with the DOE FY08 and FY09 budgets which decrease the Deactivation and Decommissioning (D&D) budget. He stated that DOE should push the request for D&D funding with Headquarters, citing D&D funding issues with other sites.

Department of Energy

Jeffrey Allison, Manager, DOE-SR, reported that WSRC went through a self-select workforce restructuring period and received 482 volunteers. He said the volunteers were currently in a rescission period that ends May 31, 2007, which will allow volunteers to withdraw their names from voluntary reductions. He said the program will be executed on June 8, 2007. Mr. Allison also spoke about DOE holding a pre-solicitation meeting in April 2007 for the Liquid Waste Contract to support revision of the draft Request for Proposal (RFP). He said the Department is currently working with DOE Headquarters to release a revision and that the Management and Operating (M&O) Contract draft RFP has been extended until June 30, 2008.

The DOE Deputy Designated Federal Official (DDFO) for the CAB, Yvette Collazo, reported that DOE-SR is planning a groundbreaking ceremony for the A-Area Powerhouse Replacement Facility the week of June 11, 2007. She stated that CAB Members will be invited to attend and Sheron Smith will be providing information to CAB members. She explained that the project involves replacement of an aging, coal-fired steam plant in A-Area with a new plant utilizing renewable energy sources in the form of biomass from SRS timber harvesting waste products and from an onsite regional landfill waste products and is scheduled to be completed by September 2008. Ms. Collazo stated that the project is one of two underway at SRS utilizing renewable energy with third party financing in the form of Energy Savings Performance Contracts. In addition, she stated that a second biomass plant is being proposed to replace the larger coal-fired steam plant in D-Area and the smaller oil-fired plant in K-Area and the planned completion is late 2009. She said that two projects support the Secretary of Energy's Transformational Efficiency Management Initiative to transform the way DOE contracts and manages its energy.

Ms. Collazo said that a tour of the Defense Waste Processing Facility was held on April 17, 2007, at which time DWPF was in an outage status for maintenance and repairs due to issues related to the Slurry Mix Evaporator (SME) and is expected to be complete by the end of May 2007. She stated that so far, during Fiscal Year 2007, a total of 92 canisters have been poured, bringing the total canisters filled since DWPF began operations to 2,306 canisters.

Ms. Collazo updated the committee on the status of the Transuranic (TRU) Waste Disposal Facility stating that DOE has a commitment with the State of South Carolina to ship 3,300 drums of TRU waste to the Waste Isolation Pilot Plant (WIPP) in FY 2007. She stated that three shipments were made last week; in FY 2007, 2,328 TRU waste drums have been shipped bringing the total number of drums shipped to 22,628. She informed the committee that a TRU Program update is scheduled for June 19, 2007, at the Waste Management Committee meeting.

Ms. Collazo reported that the DOE met with the Defense Nuclear Facilities Safety Board (DNFSB) staff on April 30, 2007, and the DNFSB Board on May 9, 2007, to discuss the results of the differential settlement sensitivity studies that addressed whether the SWPF Central Processing Area structure basement can be thickened to overcome any credible differential settlement issues. She stated that the DOE project team has been reviewing cost/schedule impacts required to address the basement issues raised by the DNFSB.

Ms. Collazo also updated the committee on the Savannah River Ecology Laboratory. She stated that the Office of Environmental Management completed a thorough review of SREL's proposed projects under a Cooperative Agreement with the Savannah River Operations Office. The review found the proposed projects, for the most part,

were not deemed to be mission critical to cleanup at the Savannah River Site. This analysis was completed by careful consideration of the prospective projects for meeting the work needs of DOE-EM. Based on this review, EM funding for SREL will be capped at \$1.8 Million, which includes the guaranteed funding to support SREL infrastructure in Fiscal Year 2007. Ms. Collazo stated that DOE has informed SREL and the University of Georgia of the EM review results and the FY 2007 funding cap. She emphasized that DOE recognizes SREL's contributions to environmental research and ecological studies. She continued, stating that the Cooperative Agreement allowed the University of Georgia to continue to operate SREL on Government property and to continue research efforts with funding from sources other than DOE. DOE is committed to executing the Cooperative Agreement with the University of Georgia under the specified terms and conditions, but, Ms. Collazo continued, of equal, and even greater, importance is the commitment to balance SRS work to meet the mission-critical priorities of the Department.

Public Comments

Joe Whetstone, Bluffton, SC, stated that California has a public health goal of 400 picocuries per liter for tritium in drinking water based on EPA Report 13. This amount of tritium allows for one death per million for those who drank two liters of this water over a lifetime and the EPA standard is 20,000 picocuries per liter. He asked that if 400 picocuries per liter may result in one death per million, how many deaths per million might result from drinking 20,000 picocuries per liter? In addition, he asked that the average number of curries per canister be included when reporting on the number of vitrified canisters produced by DWPF.

~ End Of Public Comments ~

Chair Update

CAB Chair, Karen Patterson, stated she and Vice Chair, Donna Antonucci, attended the Site-Specific Advisory Board (SSAB) Chairs meeting in Las Vegas, NV, and heard a presentation by Mark Gilbertson, Deputy Assistant Secretary for the Office of Engineering and Technology, on the Engineering and Technology Roadmap which is a list of priorities to close sites. Ms. Patterson presented a letter that originated from the SSAB Chairs meeting which commends DOE on releasing the 2007 EM Engineering and Technology Program Plan. Members approved the CAB Chair signing the SSAB letter.

The Board requested a TRU Waste seminar in the future to focus on the pre-1970 TRU waste classifications.

Facilitator Update

CAB Facilitator Mike Schoener informed the members of the upcoming Process Improvement Retreat, which is tentatively scheduled for October 18 - 19, 2007.

Mr. Schoener provided the Recommendation Status report: 6 recommendations are pending; 31 recommendations are open; 208 recommendations are closed.

Nuclear Materials, Manuel Bettencourt - Chair

A recommendation, Supplemental Environmental Impact Statement for Surplus Plutonium Disposition at SRS, was introduced by Committee Vice Chair Judith Greene-McLeod. The motion addressed the need for DOE to address the waste streams that each plutonium facility will generate. The SRS CAB recommended that DOE include the following analysis in the Supplemental EIS for Surplus Plutonium Disposition at the SRS: 1) the volume, type and constituents of each waste stream being generated by the disposition facilities; 2) the possible treatment options for each waste stream; 3) the preferred and selected treatment options for each waste stream; and 4) the basis or reason for the selection of each identified treatment option. CAB member Wade Waters moved to adopt the motion, which was seconded by CAB member Leon Chavous. The recommendation passed with a vote of 17 in favor, no opposition and no abstentions.

Strategic & Legacy Management Committee, Madeleine Marshall - Chair

Committee Vice Chair Wade Waters introduced Helen Belencan, DOE-SR, who made a presentation to the committee in response to Recommendation 244.

Presentation - Project Execution Plan and EM Lifecycle Baseline

Helen Belencan, DOE-SR, gave an overview of the 2006 Project Execution Plan and EM Lifecycle Baseline which has been extended from 2025 to 2031. She explained the planning process and framework used by DOE to achieve cleanup and risk reduction. She said the cleanup strategy has three primary objectives: 1) eliminate or minimize risks through safe stabilization, treatment, and disposition of Office of Environmental Management (EM)-owned nuclear materials, spent nuclear fuel, and waste; 2) reduce the costs of continuing operations and surveillance and maintenance; and 3) decommission all EM-owned facilities except those identified for transfer to another Program Secretarial Office and remediate groundwater and contaminated soils, adopting an Area completion approach.

Ms. Belencan explained that the Savannah River Site Environmental Management Project Execution Plan (PEP) described the framework to achieve cleanup and risk reduction more cost effectively. It includes the scope, schedule, cost, roles and responsibilities, milestones, end state descriptions, performance metrics, and actions required to achieve cleanup. Ms. Belencan said the initial Savannah River Site Environmental Management Performance Management Plan (PMP) was prepared in 2002 and was based on initiatives that were identified to improve cleanup time and reduce EM's liability. However, she stated, the 2002 PMP did not encompass all EM work scope and established a completion goal of 2025. The 2004 draft PMP was an update to the 2002 PMP and was prepared to encompass all scopes to complete the EM mission; define end states for each of the SRS Areas; incorporate significant changes and new programmatic drivers (e.g., Area Completion Strategy and the Waste Incidental to Reprocessing). She said recommendations from external reviewers were focused primarily on three areas: 1) Project Management: obtain certification and approval of Federal Project Directors; 2) Change Control: develop a more detailed change control process; and 3) Risk Management: evaluate residual risks to establish a lifecycle cost contingency with minimally 50% confidence level. Ms. Belencan continued, saying the 2006 PEP completes the initiative begun in 2004 with the draft 2004 PMP by incorporating recommendations from the External Independent Review of the 2004 PMP and EM Lifecycle Baseline and reflects HQ guidance for project assumptions issued in the EM FY 2008 – FY 2012 Lifecycle Planning and Budget Formulation Guidance. It also incorporates changes to programs resulting from externally-driven decisions such as the Liquid Waste Disposition Processing Plan (reflects Waste Incidental to Reprocessing decisions); Salt Waste Processing Facility (reflects resolution of design issues); H-Canyon extension; Design Basis Threat requirements; and Plutonium Disposition. She said they had to develop a credible project baseline and ensure project assumptions accurately reflect latest strategic guidance, program drivers, changes in programs and that the PBS structure aligns with the Department's budget structure. Ms. Belencan summarized the Scope Changes as: extended EM Cleanup Project by six years (2031 vs. 2025); extended H Canyon / HB Line operations by seven years (2019 vs. 2012); extended F-Canyon mission (added three years to maintain minimal infrastructure); extended K-Area mission by two years for Pu Disposition and 3013 CSSC Projects; incorporated plans to process aluminum-clad spent nuclear fuel; eliminated Transfer and Storage Facility; incorporated Liquid Waste Disposition Processing Plan; extended DWPF operations by five years (2024 vs. 2019); increased capacity for canister storage (Glass Waste Storage Building #3); extended Area Completion Strategy (remediation and D&D) by six years; and extended solid waste operations by six years (2031 vs. 2025).

Questions following the presentation touched on the Decommissioning and Deactivation (D&D) activities and DWPF work decrease effects on the schedule.

Committee Vice Chair Wade Waters requested that Recommendation 244 be closed based on the presentations given to the committee by Steve Baker, DOE-SR (Budget), and Helen Belencan, DOE-SR (Off-Site Rule and Project Execution Plan).

Waste Management Committee, Joe Ortaldo – Chair

Committee Chair Joe Ortaldo tabled the draft Motion on Disposal of CERCLA Wastes in the SRS Slit Trenches - Off-site Rule, but requested input from the committee to revise the motion for a future meeting. He stated the desire of the committee to understand the options for waste in the slit trenches and the cost of the options.

Draft Motion – Information for the Administrative Law Court (the full recommendation can be found on the CAB's web page).

The motion was summarized by Committee Vice Chair Art Domby, and the motion was presented to the Board for approval. CAB member, Gloria Williams-Way, moved to adopt the motion, which was seconded by CAB member Leon Chavous. The recommendation passed with a vote of 17 in favor, no opposition and no abstentions.

Public Comments

Jimmy Mackey stated that the University of Georgia may have as much blame in the closing of SREL as any other entity.

Terri Chaput stated SREL has brought two diverse ideas together, science and stewardship, and has provided a huge service in keeping track of a dynamic viewpoint of what is going on at sites such as the preservation of the environment and providing hard scientific information. As a private citizen she said she was very disturbed at what was going on at SREL.

Franklin Boulineau stated he has seen firsthand in public education the need to propel students into the greater interest of Science. SREL serves as a conduit in showing school children science in a way that makes them want to learn.

~ End of Public Comments ~

Presentation - Defense Programs Update - Richard Arkin, Manager, National Nuclear Security Administration (NNSA), Savannah River Site

Mr. Arkin, NNSA, provided a presentation to the CAB which gave an overview of the defense programs missions at the Savannah River Site. No handouts of this presentation were distributed. Mr. Arkin presented pictures of the Tritium Extraction Facility (TEF) from inception to completion. Construction of the Tritium Extraction Facility was a \$506 million project from 1996 – 2007. It provides the capability to extract tritium from targets irradiated in Tennessee Valley Authority (TVA) reactors. TEF became operational in February 2007 and was completed 6 months ahead of schedule and approximately \$24M under budget.

Presentation - NNSA Fissile Material Disposition Projects - William Clark, Director, Project Integration Division, NNSA – Savannah River Site

Mr. Clark, NNSA, provided an overview of the three facilities that NNSA will construct at the Savannah River Site. The first is the Mixed Oxide (MOX) Fuel Fabrication Facility (MFFF) which will fabricate plutonium powder into MOX fuel assemblies. The Pit Disassembly & Conversion Facility (PDCF) will disassemble nuclear weapons pits and convert the plutonium metal to powder. The Waste Solidification Building (WSB) will stabilize and prepare for disposal of the liquid radioactive waste streams from PDCF & MFFF. He said these facilities will allow the United States to convert 34 metric tons of plutonium into commercial nuclear power reactor fuel.

Administration Committee, Gloria Williams-Way – Chair

Committee Chair Gloria Williams-Way summarized for the CAB five goals her committee is considering: 1) bringing college students on as CAB members; 2) revisiting the value of the Speakers Bureau; 3) reviewing the CAB's by-laws once they have completed a DOE-HQ review; 4) working on the new member solicitation process; and 5) looking at revising the Mentor Program. She stated she wanted to plan a meeting for late June.

Facilities Disposition & Site Remediation Committee, Mary Drye - Chair

Committee Chair Mary Drye submitted Recommendations 199, 203, and 215 to the CAB for closure. She said the next FD&SR committee meeting will be held on June 26, 2007, and the committee will be working with Recommendation 233.

Public Comments

Mel Galen stated he attended the Energy Conference held in Savannah, GA, on April 2007. He feels the CAB should educate the Energy Secretary on the functions of the CAB.

Donna Antonnuci stated her support for SREL and concern for the impending closure. She read a letter she wrote to the Editor, *Savannah Morning News*, which was published May 19, 2007.

~ End of Public Comments ~

Meeting Adjourned 2:45 p.m.

Handouts

SRS CAB Agenda

Supplemental Environmental Impact Statement for Surplus Plutonium Disposition at SRS, Draft Motion
Presentation to CAB Concerning the Off-Site Rule, Helen Belencan, DOE-SR

Disposal of CERCLA Wastes in the SRS Slit Trenches - Off-site Rule, Draft Motion

Risk Evaluation Methods, Michael Mikolanis, DOE-SR

Liquid Waste Planning, Tony Polk, DOE-SR

Budget Briefing, Steven Baker, DOE-SR

DOE Response to Recommendation 244

DOE Response to Recommendation 245

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Letter to Assistant Secretary Rispoli

SRS Gold Metrics – Through Dec. 2006

SRS CAB Recommendation Status

Supplemental Environmental Impact Statement for Surplus Plutonium Disposition at SRS, Draft Motion

2006 Project Execution Plan and EM Lifecycle Baseline, Helen Belencan, DOE-SR

Information for the Administrative Law Court, Draft Motion

CAB Board Beat Newsletter – Spring 2007

Handouts listed herein are available by request from the DOE Reading Room located at the Gregg-Graniteville Library at the University of South Carolina-Aiken, or by contacting the SRS Citizens Advisory Board at 1-800-249-8155.