

**Savannah River Site
Citizens Advisory Board
Meeting Minutes
May 18 - 19, 2009
Savannah, GA**

Monday, May 18, 2009, Attendance

SRS CAB Members

Emile Bernard
Manuel Bettencourt
Donald Bridges
Ric Castagna
Arthur Domby
Kathe Golden
Judith Greene-McLeod
Rose Hayes
Stanley Howard
Kuppuswamy Jayaraman
Ranowul Jzar
Cleveland Latimore
Madeleine Marshall
Joseph Ortaldo
Marolyn Parson
John Snedeker
Gerald Wadley
Sarah Watson
Alex Williams

Agency Liaisons

Al Frazier, GADNR
Terry Spears, DOE-SR
Robert Pope, EPA
Shelly Wilson, SCDHEC

DOE/Other

Gerri Flemming, DOE
Allen Gunter, DOE
Karen Guevara, DOE
Doug Hintze, DOE
Patrick McGuire, DOE
Jean Ridley, DOE
Sheron Smith, DOE
Wade Whitaker, DOE

Stakeholders

Donna Antonucci
Tom Clements
Karen Patterson
Mel Galin

Regulators

Kyle Bryant, EPA
Heather Cathcart, SCDHEC
Van Keisler, SCDHEC
Kim Newell, SCDHEC

Contractors

Anna Cornelious, Techlaw
Larry Ling, SRNS
Paul Sauerborn, SRNS
Jenny Freeman, V3
Bill Lawless, V3
Mindy Mets, V3
Andrea Pelham, V3
Debbie Wisham, V3
Elmer Wilhite, SRNL

The Savannah River Site (SRS) Citizens Advisory Board (CAB) Facilitator, Jenny Freeman, opened the meeting by reviewing the agenda. She invited public participation and asked those wishing to make a Public Comment sign up on a sheet located on the CAB documentation table at the meeting room entrance. She informed the audience that there were designated times during the afternoon for public comments and stated that during this Combined Committee meeting, the public may participate at any time.

CAB members not in attendance were Edward Burke, Mercredi Giles, Lee Harley-Fitts, Denise Long, Elizabeth Skyye-Vereen, and Beverly Skinner.

Strategic and Legacy Management (S&LM) Committee, Madeleine Marshall – Co-Chair
Judith Greene-McLeod – Co-Chair

Ms. Marshall updated the group on the work of the committee during the month. She stated that the committee has five open recommendations currently on record. She elaborated that two currently open recommendations are on the topic of SREL and two are focused on the SRS Budget. She described the foundation of the recommendations the committee will put forward to the board and said that if approved they would replace those open recommendations on the same topic.

She stated that the committee is drafting a letter with the board's input to the DOE integrated priority list and a letter on the second draft of the site strategic plan.

Presentation - Quarterly Performance Measures Update – Doug Hintze, Assistant Manager, Office of Integration and Planning, DOE-SR

Mr. Hintze updated the group on the Environmental Management (EM) Project performance measures for the second quarter of Fiscal Year (FY) 2009. He stated that the metrics table used in his presentation is the corporate measures used by HQ. He informed the group that he will present a new metrics format at the committee meeting on June 16th which will reflect the work currently being performed at SRS more accurately.

He informed the group of the projects the Project Baseline Summary (PBS) elements represent and explained the relationship to SRS.

Mr. Bettencourt asked if PBS 11 lifecycles were in the future. Mr. Hintze stated that the material has been consolidated to K Area.

Mr. Ortaldo asked for an explanation for packaged Pu on the metrics slide. Mr. Hintze and Mr. McGuire stated that the number is referencing FB Line facility and stated the metric was created several years ago and is showing that work as complete.

Mr. Bridges asked if there is any material on site that is awaiting further process that will go into a 3013 container. Mr. McGuire stated material being received is in 3013 containers and will not need to be stabilized.

Ms. Patterson requested that the metrics be referenced in terms of curies and that has been a request from the public in the past.

Ms. Marshall clarified that Mr. Hintze will have separate metrics for the stimulus funds and SRS projects. Mr. Hintze stated that he will have that information available at the June committee meeting.

Tom Clements stated that the Nuclear Regulatory Commission is reviewing the classification of disposing of depleted uranium (DU) and possibly new guidelines. He understands that DU falls under reprocessing. Mr. McGuire stated that if the NRC does change regulations they will communicate the information and the site plans on continuing current operations.

Draft Recommendation– SRS Budget Process Improvements

Judith Greene reviewed the specifics of the draft Recommendation for the members and invited comments. The group discussed the recommendation and decided on minor changes. The document will be presented to the full board on the following day.

Draft Recommendation– Future Missions

Madeleine Marshall reviewed the specifics of the draft Recommendation for the members and invited comments. The group discussed the recommendation and decided on minor changes. The document will be presented to the full board on the following day.

Nuclear Materials Committee, Donald Bridges – Chair

Stan Howard – Vice Chair

Ed Burke – Vice Chair

Mr. Bridges introduced the members of his committee and stated the Nuclear Materials Committee presently had 2 open recommendations Recommendation 250 and 259.

He stated the objective for the committee is to review DOE plans for nuclear material stored on site which includes consolidation and the disposition after SRS processing. He said the storage and disposition activities are on schedule, however, with the disposition plans for plutonium on site there have been a number of questions raised. He continued stating uncertainties of the national nuclear waste repository, alternative disposition site such as WIPP, and loading of material in canisters. He stated the concerns will be addressed in the draft recommendation that the committee is presenting to the board. He said a disposition study is currently underway by DOE.

Presentation – Plutonium Consolidation Program Update and the Surveillance Program Update – Allen Gunter, DOE-SR

Mr. Gunter updated the group on the consolidation and surveillance programs at SRS. He said there was approximately 12.8 Metric Tons (MTs) of surplus Non-Pit Plutonium-239. He stated it will be shipped in DOE Standard 3013 Storage Containers and stored in K-Area with continuous surveillance to ensure safe storage.

He stated that for Plutonium Consolidation shipping sites are Savannah River which is 910 containers and completed; Rocky Flats was 1889 containers completed; Hanford planned 2257 containers; Hanford Unirradiated Fast Flux Test Reactor Fuel is 13 casks; Lawrence Livermore National Laboratory planned 115 containers; and Los Alamos National Laboratory is 96 containers. Mr. Gunter said the consolidation rationale reduces risk to public and environment by consolidating to a single location and improves homeland security. In addition he said it reduces the number of facilities to protect and allows sites to deinventory to meet regulatory commitments. He stated it will save funds by consolidating into a single location and eliminating multiple storage vaults across the complex.

He informed the group that plutonium consolidation is 75% complete with a completion date in FY2010. He said a new vault may be installed to receive all non-pit plutonium so that all plutonium is safely and securely stored in K-Area. He stated that the Department has a pathway for dispositioning plutonium out of South Carolina (H-Canyon/DWPF and the MFFF) and is evaluating alternatives to optimize Plutonium Disposition. The forecast completion is the summer of 2009.

Mr. Gunter stated that the plutonium surveillance program provides for safe, stable storage of Pu metal and oxide for up to fifty years and the surveillance program is required by DOE-STD-3013. He said the surveillances are conducted to ensure continued integrity of 3013 containers during storage and funded under PBS-11C. He stated that DOE developed DOE-STD-3013 for long-term storage. He said it assures storage for up to 50 years in a 3013 container and an assurance of safety by a surveillance program which is by non-destructive exam (NDE) and destructive examination (DE).

Mr. Gunter said the 3013 Standard is packaging in two nested, welded, leak-tight containers and the outer container must pass a 30 foot drop test plus the outer can must be capable of being designated safety class. He relayed that the results of the surveillance program through the non-destructive examinations of the containers show no visible signs of corrosion on the outer cans or contamination to outer surfaces, therefore no impact to the performance of the 9,975 shipping containers.

He stated that the surveillance program has shown that material and packaging performing as predicted and no safety issues to challenge the 50-year storage. He concluded that the Site will continue to validate safe storage with the on-going surveillance program.

Ms. Parsons asked why the 50-year standard is used. Mr. Gunter said that was the best estimate; the containers could be used longer if testing finds them stable.

Waste Management Committee, Joe Ortaldo – Chair

Art Domby – Vice Chair (Liquid Waste)

Alex Williams – Vice Chair (Solid Waste)

Mr. Ortaldo greeted the members and updated the group on the status of the committee's open recommendation. He said there are zero pending and currently eight open recommendations. He also defined the term used when describing the recommendation as "pending" as a recommendation approved by the board and submitted to DOE but a response has not been received, and/or the committee hasn't reviewed and accepted the response. If the recommendation is "open", the response letter from DOE has been received. He said the open recommendations are based on a critical path item and are works in progress. He wants each committee member to take an open recommendation and help resolve its closure, plus help the members become familiar with the process. He stated Recommendations 141, 231, and 255 should be closed.

Mr. Ortaldo stated that the next Waste Management committee meeting will be held June 9th.

Presentation – Storage of Vitrified High Level Waste (HLW) – Jean Ridley, DOE-SR

Ms. Ridley stated that there will be no impact to SRS operations or storage due to the Yucca Mountain delay. She said SRS will continue to produce canisters in accordance with requirements and will continue to interim store vitrified HLW in the Glass Waste Storage Buildings (GWSBs) until a geologic repository is available.

She said currently there are two GWSBs on site that have a design life of 50 years and an estimated useful life of 100 years. She stated that GWSB 3 is planned for 2020 and is funded through PBS-14 Liquid Radioactive Waste Management. She stated the new Liquid Waste Contract run by Savannah River Remediation, LLC (SRR) will establish new baselines in 6-8 months and that proposal costs are lower than projected in the Request for Proposal and GWSB 3 is a projected line item.

She detailed the canister design saying that the vitrified waste form is the best available technology to stabilize high radioactive liquid waste. She said the canister is made of 304L stainless steel – 3/8” thick and has a life expectancy estimated 1000 years. She also said the canisters are used for transportation and interim storage.

She concluded by saying that the GWSBs and the vitrified high level waste canisters are of robust design and safe interim storage will continue until such time as a geologic repository becomes available.

Draft Recommendation– Final Disposition for Spent Nuclear Fuel

Joe Ortaldo reviewed the specifics of the draft Recommendation for the members and invited comments. The group discussed the recommendation and decided on minor changes. The document will be presented to the full board on the following day.

Facilities Disposition & Site Remediation Committee, *Kuppuswamy Jayaraman - Chair* *Mercredi Giles – Vice Chair*

Kuppuswamy Jayaraman introduced the members of the committee. He stated the function of the committee as reviewing remediated contaminated areas at SRS as well as groundwater and surface water contamination. He continued by saying that the committee deals with issues related to the Federal Facility Agreement (FFA) and the FY09 FFA Appendix E update; risk management/risk assessment, regulatory processes, deactivation and decommissioning (D&D), and most recently the American Recovery and Reinvestment Act (ARRA).

He said at the April 21st committee meeting they had presentations by Brian Hennessey, Karen Adams, and Tom Kmetz. He told everyone that the next meeting will be held on June 23rd at the Aiken Municipal Conference Center.

Draft Recommendation – SRS Recovery Act Footprint Reduction

Mr Jayaraman reviewed the background of the draft Recommendation for the members and invited comments. The group discussed the recommendation and suggested changes. The document will be presented to the full board on the following day.

Administrative Committee, *Sarah Watson – Chair*

Committee Chair, Sarah Watson, welcomed the new members on the committee and stated that there will be a meeting that evening. The CAB Member Informational books were given to new members and current members received updates for their books. She informed the group that her update at the full board will contain additional information.

Public Comments

Mel Galin a previous CAB member stated he sees the board is operating smoothly. He commented on the budget recommendation and the Yucca Mountain recommendation. He stated that these topics were issues during his time on the board. He concurred the delay of the national repository at Yucca Mountain is 99% political.

Tom Clements, Friend of the Earth, Columbia, SC, stated he feels it is important that the board monitors how DOE uses the ARRA funding and suggested the board review the recovery act to understand the requirements. He stated concern that the SRS information has not been posted on the recovery website yet. He said the contractor award fee is 20% and would like to know how many jobs are creating because his understanding is that part of the funding should be included with the reporting of job creations.

He stated he is still trying to find an EM policy statement or directive on Energy Parks so has filed freedom of information act request to see if any exist. He encourages the board to be careful with the use of word. He thinks

that after the Blue Ribbon panel review the Savannah River Site may be targeted for an interim storage or reprocess site for spent nuclear fuel which is nowhere near to being deployed.

Meeting adjourned at 5:00 p.m.

Tuesday, May 19, 2009, Attendance

SRS CAB Members

Emile Bernard
Manuel Bettencourt
Donald Bridges
Ed Burke
Ric Castagna
Arthur Dombay
Mercredi Giles
Kathe Golden
Judith Greene-McLeod
Rose Hayes
Stanley Howard
Kuppuswamy Jayaraman
Ranowul Jzar
Cleveland Latimore
Madeleine Marshall
Joseph Ortaldo
Marolyn Parson
John Snedeker
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Kim Newell, SCDHEC

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Anna Cornelious, Techlaw
Sonny Goldston, SRNS
Larry Ling, SRNS
Shelia McFalls, SRNS
Chuck Munns, SRNS
Paul Sauerborn, SRNS
Elmer Wilhite, SRNL
Nancye Bethureu, WSRC
Frank England, WSRC
Jenny Freeman, V3
Bill Lawless, V3
Mindy Mets, V3
Andrea Pelham, V3
Debbie Wisham, V3

SRS CAB members Lee Harley-Fitts, Denise Long, Elizabeth Skyee-Vereen, and Beverly Skinner were unable to attend. Stanley Howard led the Pledge of Allegiance for the group. Terrel Spears, DOE-SR, served as the Deputy Designated Federal Official (DDFO); Jenny Freeman served as Meeting Facilitator; and Bill Lawless 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.

Mr. Spears, DOE-SR, shared Site safety tips with the group. A copy of the safety topic was also available to the public as a handout.

Approval of the Minutes

Meeting Chairperson Manuel Bettencourt opened the floor for comments and approval of the March full board meeting minutes. Edits were recommended by board members including discussion from the Nuclear Material committee update which were omitted. The CAB approved the March 2009 full board meeting minutes with stated changes.

Department of Energy Update – Mr. Jeff Allison, DOE-SR Site Manager

Mr. Allison spoke to members of the Citizens Advisory Board and general public updating them on general activities at SRS. He said the ARRA is progressing and currently 215 people have been hired during the initial startup.

Mr. Allison said a contract was awarded for P Area to provide evaporators in the disassembly basin. He stated 1000 transuranic waste shipment have been completed and a number of shipments are planned for the year.

Mr. Allison clarified the statement of footprint reduction for the group. He said we are cleaning up areas of the site which has always been planned on the integrated schedule but there is no intention of changing the boundaries of the site. He confirmed that the 310 square miles of the site will remain intact but what is planned is remediation of certain areas within the boundary.

He stated that the Liquid Waste contract protest was resolved by the Government Accountability Office so the transition is moving forward with Savannah River Remediation and the transition is going well.

Mr. Ortaldo asked if the land would be leased by DOE to companies after the cleanup is completed. Mr. Allison stated that is being worked through the SRS Community Reuse Organization who was set up to for the purpose of providing economic benefits from SRS to the community. He said the land would be owned by DOE and a lease agreement would be setup if needed in the future.

Ms. Hayes asked if training would be provided for ARRA employees through Aiken Technical College or at the University of SC. Mr. Munns answered stating there is already an arrangement set up with Aiken Technical College and other private companies for specialized training.

Savannah River Nuclear Solutions (SRNS) – Mr. Chuck Munns, SRNS

Mr. Munns, President SRNS, briefed the group on activities at the site. He said the site completed its Earned Value Management System audit and certification and did very well. In addition he said it also completed the ISO 14.001 reinspection in the regulatory area. He stated the site has had many official visitors including four Senators, two from South Carolina and two from Georgia and the Aiken County Council will be visiting the site during the week.

He said the super kukla campaign has been completed. Near term future challenges he said will be making the SRNL a national laboratory. He stated the transition of the liquid waste contract will begin and they will work with the new contractor to make the changeover go well.

Agency Updates

Department of Energy

Mr. Spears continued with the DOE agency updates with regard to the Transuranic (TRU) Waste shipping goals. He stated that to date during FY09 SRS has shipped 1,000 Remote Handled (RH) TRU waste shipments to WIPP and 24 remote handled drums to Battelle. He said cumulatively there have been 28,000 contact handled drums shipped to WIPP during the life of the program.

Mr. Spears said in the area of Liquid Waste the mechanical cleaning of Tanks 18 and 19 with the Sand Mantis in F-Tank Farm has been going well. In May, DOE began interaction with EPA and SCDHEC to share results and hopefully move forward with the Tank closure process.

Mr. Spears said the Defense Waste Processing Facility (DWPF) has produced over 112 canisters during Fiscal Year 2009. He said almost 2711 glass canisters have been poured during the DWPF's lifetime and the canisters are safely stored in the Glass Waste Storage Building facility awaiting disposition to a federal storage repository.

Mr. Spears stated that the Saltstone, Actinide Removal Process (ARP) and Modular Caustic Side Solvent Extraction Unit (MCU) Facilities has disposed of over 62,000 gallons from Tank 49 during the month which is above the goal.

Mr. Spears reported the Salt Waste Processing Facility (SWPF) Project construction is underway. Concrete placement continues this week and that project is scheduled for final completion in 2013.

Mr. Spears said in the area of nuclear material stabilization SRS continues to receive surplus, non-pit plutonium from various DOE sites and safely store the material in the Site's K-Area Complex. (12.8 Metric Tons). This campaign serves to eliminate the need for costly safeguard and security upgrades at other sites. He reported that the plutonium consolidation program is approximately 85% complete and expects to complete the consolidation of the Hanford material by September 2009. At that time, he said, 90% of the plutonium consolidation will be completed and the remaining plutonium will be received from LANL and LLNL through FY13.

Mr. Spears stated that SRS continues to receive excess Highly Enriched Uranium (HEU) from various DOE sites across the country. He said the process started in February 2008 and once processing is complete it will be delivered to TVA to be used for nuclear reactor fuel in generating electricity.

Mr. Spears said that a contract was awarded for the Biomass project and plans are to begin operation in August.

Environmental Protection Agency (EPA)

Mr. Rob Pope, EPA, introduced Kyle Bryant who started with the agency as an intern and is now working as a superfund division community involvement coordinator. Mr. Pope stated that he is available for questions. Mr. Pope also introduced Anna Cornelius who is working with the job training initiative.

Mr. Pope stated that EPA is also increasing contractor staff to support the stimulus funding work.

He stated that Mr. Hintze's Corporate Performance measure update the previous day showed zero in PBS-30 (Groundwater and Soil Cleanup) which still had commitments by the regulators but funding wasn't available for the project. Mr. Pope stated that due to the recovery act funding it saved large problems between the agencies. He also stated that 2012 is the date to have Tanks 18 and 19 closed. He said there are a lot of details that the agencies are working out due to the different tanks.

South Carolina Department of Health and Environmental Control (SCDHEC)

Ms. Shelley Wilson, SCDHEC, stated that the DHEC budget has decreased by 22% or about 80 positions. She said there may be some change in the services provided by the agency. She stated the federally funded sites should not see any changes.

Ms. Kim Newell, Aiken County SCDHEC responded that the local offices are also being affected by the budget shortfall but she said they are trying to do more with less funding. She said recently the laboratory was audited by EPA with passing results and it is expected that all labs in the state will be audited.

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

Mr. Al Frazier, stated that the state EPD came out with an environmental report outlining human health, growing economy, and sustaining health eco systems. He shared some interesting facts from the report such as the population has doubled in Georgia between 1960 and 2000; currently more than 9 million people reside in the state.

Mr. Frazier stated that the state is also undergoing budget cuts and the DNR personnel will possibly undergo a one day furlough per month.

Public Comments

Tom Clements, Friends of the Earth, Columbia, SC informed the group that he brought copies of an article on reprocessing by the head of the SC Sierra Club which appeared in the State Newspaper. He informed the group where copies were located in the room. He said if the site is being cleaned up in order to be re-contaminated with reprocessing there will be a lot of opposition.

He said concerning the recovery act he thinks it's significant that the law requires more transparency and openness than he has seen in 20 years. He thinks it is a very good trend and is concerned that the money can be spent in the timeframe. He thinks the CAB plays an important role in the effort for transparency in the government.

~End of Public Comments ~

Chair Update

Mr. Bettencourt, CAB Chair, presented a letter to the board members which will be signed by Chairpersons from all of the Site Specific Advisory Boards (SSABs) within EM. He stated that the letter is encouraging DOE to create formal processes to deal with recycling. He informed the members that there is no editing allowed because the letter was created by the SSAB Chairs, however, a yes vote allowing him, as chair, to sign the letter with the other SSAB Chairs. While a no vote would result in no signature from the SRS CAB.

The letter was approved for the SRS CAB Chairperson's signature.

Mr. Bettencourt also updated the group on information he acquired from the SSAB Chair's conference call. He said there will be a technical information exchange in Denver, CO on May 19th which will be a webcast in which members can participate. He said he had a copy of the presentation on Energy Parks given by EM which he will distribute by email.

Facilitator Update

Ms. Freeman, CAB Facilitator, discussed the status of the SRS CAB's recommendations as follows: 1 recommendation pending, 16 recommendations open, 243 recommendations closed, and no recommendations are awaiting Agency response. The full recommendation report may be viewed at the CAB's website.

Administrative Committee, Sarah Watson – Chair

Committee Chair, Sarah Watson, welcomed everyone and asked members when writing emails to anyone including support staff that they consider including the proper subject line.

Ms. Watson referred to the Spring Newsletter that is in the member packets she informed members that they can contribute articles for the upcoming Fall newsletter and should begin preparing for that issue now.

She said the mentoring program for the new members has begun and the following are the new members and their assigned mentor who have been seated together at this meeting: Rose Hayes with Kathe Golden; Marolyn Parsons with Judith Greene-McLeod; Cleveland Latimore with Alex Williams; Ric Castagna with Stanley Howard; John Snedeker with Art Domby; Gerald Wadley with Ed Burke; and Emile Bernard with Donald Bridges.

Ms. Watson encouraged members to use the internet meetings (e-meetings). She stated that before each e-meeting, the members will receive an email notification.

Ms. Watson asked for volunteers interested in representing the CAB at local festivals or events by presenting printed documentation provided to them as an aid in getting the SRS CAB's mission publicized.

She stated that the Administrative Committee is working towards targeting local schools near each meeting location to get student participation on the board.

Ms. Hayes asked if the committee had any type of a pamphlet or documentation that could be provided to other organizations. Ms. Flemming, CAB Federal Coordinator, stated that a pamphlet could be provided if the members so requested.

Mr. Castagna asked if there would be any more tours of the site provided to the public since the initial tours were full immediately upon publicizing them. Ms. Becky Craft, DOE, stated that there would be more tours scheduled.

Ms. Watson stated that the CAB member's retreat is tentatively scheduled for October and the members should keep that date open. She informed them that more information would be provided in the near future.

Strategic & Legacy Management Committee, Madeleine Marshall - Chair

Ms. Marshall summarized the committee's activities stating that of the 5 open recommendations 240 & 253 were closed yesterday. She said that DOE has committed to providing an annual report on the status of SREL which will probably be in the fall. She said the committee has reviewed the Site Strategic Plan and there was a letter sent in the member packages prior to the meeting. She said the committee's next scheduled meeting is June 16th where the new Performance Measures will be presented.

Recommendation– SRS Budget Process Improvements

Judith Greene reviewed the specifics of the Recommendation for the members and invited comments.

Recommendations

The SRS CAB recommends that DOE:

1. Provide an update from each of the EM Federal Project Directors to specifically aid the CAB in formulating recommendations for the planning year IPL as part of the annual budget preparation process.
2. Inform the CAB of any significant funding differences between the Certified Baseline and the President's budget request, and between the President's request and the congressional appropriation for a particular budget year. Describe project impact (e.g., delayed milestones, changes in performance metrics, etc.).
3. As current year projects are executed, inform the CAB of any significant funding changes (e.g., funding delays, reprogramming, cost savings or overruns, etc.). Describe project impact (e.g., renegotiation of regulatory milestones, etc.).
4. Include a budget and schedule slide in each project status briefing made to the CAB that references the IPL ranking and Project Baseline Summary (PBS).
5. Provide a briefing to the CAB in July 2009 summarizing the process that is being implemented to ensure the CAB can participate effectively in budget planning, and is routinely informed about project funding status and the impact of budgets and funding on project performance.

The Recommendation's voting results were: 20 approved, 0 disapproved, 0 abstentions.

The full recommendation can be viewed at the SRS CAB website.

Draft Recommendation– Future Missions

Madeleine Marshall reviewed the specifics of the draft Recommendation for the members and invited comments.

The SRS CAB recommends that DOE:

1. Assure that the projects funded by the ARRA stimulus package be executed such that any required infrastructure modifications have the potential to support future missions.
2. Include reports on infrastructure modifications and job creation status in all future ARRA-related project briefings to the CAB.
3. Provide an annual briefing to the CAB on SRS's progress in executing the SRS Strategic Plan. Pay particular attention to those areas not routinely covered in DOE Environmental Management (EM) program briefings (Nuclear Materials, Waste Disposition, and Area Completion), that is, SRNL technology achievements, SRS Corporate Board successes in helping to improve SRS missions, and advances in Management Excellence. Schedule the first of these briefings for the September 2009 full CAB meeting.
4. Formulate an aggressive SRNL business plan that addresses how its search for increased funding from sources other than DOE-EM will be achieved, including the DOE Office of Science. Provide a summary of this planning effort in future CAB briefings on the DOE SRS Strategic Plan.

The Recommendation's voting results were: 20 approved, 0 disapproved, 0 abstentions.

The full recommendation can be viewed at the SRS CAB website.

Public Comments

Mr. Clements, Friends of the Earth, stated that he was able to attend a site tour. He said the tour was good mostly from a DOE perspective and it helped get people educated. He stated that there were two photographers on the tour and information from the site and photos are available at www.sciw.net. He said it will be good for the CAB to get information out to the public about SRS particularly in Georgia.

~ End of Public Comments ~

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

Mr. Ortaldo updated the group on the committee activities. He said there are currently eight open recommendations which are being reviewed by the committee. He said recommendations 231 and 255 were closed. He said there was a joint meeting with the S&LM committee in May and the next committee meeting will be held June 9th.

Recommendation– Final Disposition for Spent Nuclear Fuel

Joe Ortaldo reviewed the specifics of the Recommendation for the members and invited comments.

The SRS CAB recommends that DOE:

1. Keep the CAB and the public informed on all decisions, risks and plans relating to the removal or long-term storage of surplus plutonium and nuclear waste at SRS.
2. In view of continuing political and legal action involving Yucca Mountain indicate continued support for a “good faith” effort to remove all nuclear waste from SRS as soon as reasonably practicable.
3. Make a commitment to involve key stakeholders (such as the State of SC) and the public in relevant planning and decisions involving SNF, Surplus Plutonium, and V-HLW at SRS.
4. By September 30, 2009, make a definitive statement on plans for the disposal of nuclear waste from the SRS to include:
 - a. Plans and schedule for the DOE Blue Ribbon Panel to develop a strategy for the disposal of nuclear waste and surplus plutonium nation-wide, which includes determination of a specific nuclear waste repository site.
 - b. Projection of a date when a preliminary schedule can be developed for the removal of nuclear waste from the SRS.
 - c. Determination of limits of long term interim storage for SNF, Surplus Pu, and V-HLW including existing and planned Glass Waste Storage Buildings.
 - d. Additional studies necessary to evaluate the worthiness of long-term interim storage for SNF, Surplus Pu, and V-HLW at SRS beyond the presently established limits.
 - e. Additional studies necessary to safely disposition the SRS SNF, Surplus Pu, and V-HLW at the final Federal Repository.
 - f. Periodically inform stakeholders of the status of agreements relating to the utilization of MOX Fuel produced at SRS.

The Recommendation’s voting results were: 20 approved, 0 disapproved, 0 abstentions.

The full recommendation can be viewed at the SRS CAB website.

Facilities Disposition & Site Remediation Committee, *Kuppuswamy Jayaraman - Chair* *Mercredi Giles – Vice Chair*

Kuppuswamy Jayaraman introduced the members of the committee. He said at the April 21st committee meeting they had presentations by Brian Hennessey, Karen Adams, and Tom Kmetz. He told everyone that the next meeting will be held on June 23rd at the Aiken conference center.

He stated that recommendation 260 will be moved from pending to open.

Presentation – FY 2009 Appendix E Area Completion Plan – Brian Hennessey, DOE-SR

Mr. Hennessey updated CAB Members on the FFA Appendix E saying it provides a lifecycle list of cleanup milestones for SRS waste units. He said it is made up of Appendices E.1, E.2, and E.3, Appendices E.1 and E.2 contain enforceable milestones. Appendix E.1 milestones are for the next fiscal year; E.2 milestones are for FY+2, and Appendix E.3 contains planning milestones for FY+3 and beyond. He stated that DOE updates Appendix E annually and submits to SCDHEC and EPA in November for approval. He continued by saying that the annual

update starts with current approved milestones, with adjustments to reflect the site mission schedules and Area Completion Projects implementation schedules and Regulator approved schedule changes.

Concerning the FY 2009 Appendix E and Recovery Act, Mr. Hennessey said that DOE, EPA, and SCDHEC have agreed that Appendix E will show the “baseline” commitments—the commitments that were established prior to Recovery Act. He stated that the Recovery Act will accelerate the completion of some of them but no changes to this Appendix E will result from the Recovery Act. He informed the group that as of April 8, 2009, all work to accomplish the FFA milestones, with the exception of the Liquid Waste Tanks, will be funded from the Recovery Act through September 30, 2011. In addition, Mr. Hennessey summarized the FY 2009 FFA Appendix E major changes.

Mr. Hennessey’s entire presentation is available on the SRS CAB’s website.

Recommendation – SRS Recovery Act Footprint Reduction

Mr Jayaraman requested that Mr. Ortaldo review the background and intent of the Recommendation for the members and invited comments.

SRS CAB recommends to DOE that:

1. DOE consider allowing a portion of its ARRA plan to permit expenditures that include additional support when needed to remove blockages that may arise in the liquid waste management program's critical path.
2. DOE report back to the SRS CAB on the status of all of SRS's ARRA expenditures on a regular basis.

The Recommendation was voted and 20 approved, 0 disapproved, 0 abstentions.

The full recommendation can be viewed at the SRS CAB website.

Nuclear Materials – *Don Bridges, Chair*
Stan Howard – Vice Chair
Ed Burke – Vice Chair

Mr. Bridges stated that there are two open Recommendations 250 and 259. He said neptunium has been shipped to Idaho from the site and is surprised that DOE doesn’t talk more about it. He concluded by saying the next committee meeting will be in July and topics will be spent nuclear fuel and follow-up plutonium disposition and optimization report.

Public Comments

No public comments.

~End of Public Comments ~

Meeting adjourned 3:20 p.m.

Documents listed herein are available at the SRS Citizens Advisory Website