



DRAFT AGENDA
CAB FY 2005 Mid-Year Retreat

National Atomic Testing & History Institute Conference Room
December 3, 2005 – 8:30 a.m. – 1:45 p.m.

8:00 – 8:30	GATHER - CONTINENTAL BREAKFAST	
8:30 – 8:45	Welcome/Introductory Comments • Agenda review and approval	Kathleen Peterson All
8:45 – 9:00	Ground Rules / Meeting Objectives / Introductions	Carla Sanda
9:00 – 10:00	Waste Management Overview ER Overview Group Discussion / Q&As	Joni Norton, DOE NSO John Jones, DOE NSO All
10:00 – 10:15	B R E A K	
10:15-11:00	Presentation: "Assessing Potential Exposure from Truck Transport of Low-Level Radioactive Waste to the Nevada Test Site" Group Discussion / Q&As	David Shafer, DRI
11:00 – 11:10	2005 Year-End Self Assessment	Carla Sanda
11:10 – 12:45	Work Plan Development Break-Out o Election of Committee Chairs and Vice Chairs	All
12:45 – 1:00	B R E A K	
1:00 – 1:30	Committee Work Plan Reports	Committee Chairs
1:30 – 1:45	Wrap-Up / Meeting Evaluation / Adjourn All	

ADMINISTRATIVE COMMITTEE TO FOLLOW 1:45 – 2:15

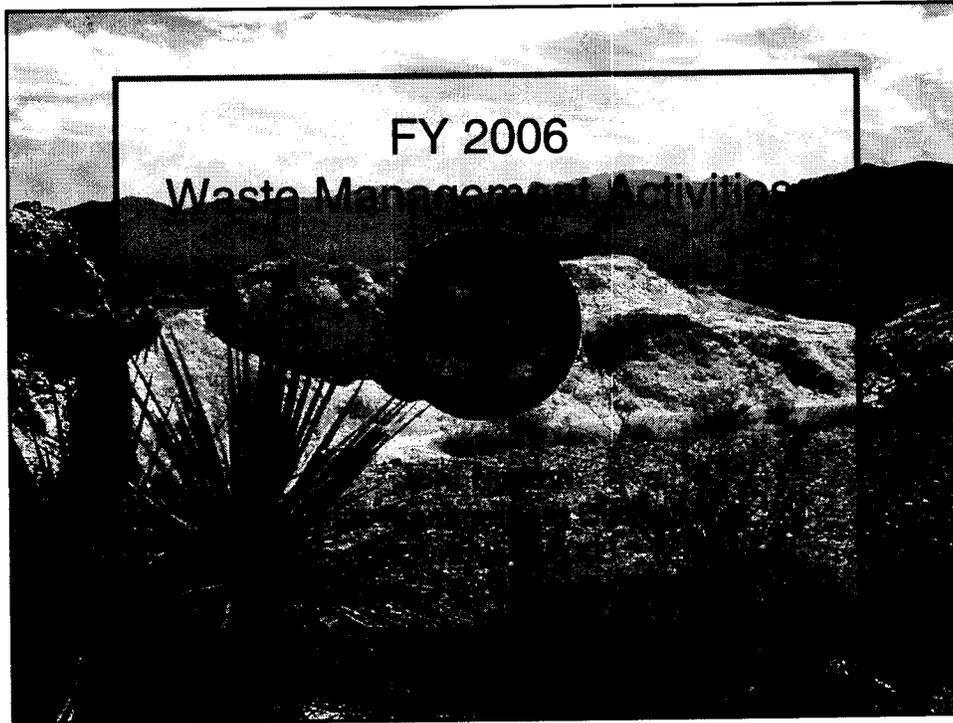
Holiday Luncheon – 2:30



DRAFT AGENDA

CAB FY 2005 Administrative Committee Meeting
National Atomic Testing & History Institute Conference Room
December 3, 2005 – 1:45 – 2:15 p.m.

- | | | |
|------|--|--------------------------|
| I. | Chair's Opening Remarks
Approval of Agenda | Kathleen Peterson
All |
| II. | Committee Work Plan Approval <ul style="list-style-type: none">• Diversification• Transportation / Waste• UGTA• Others? | Kathleen Peterson |
| III. | Upcoming Public Meeting <ul style="list-style-type: none">• Date• Location• Topic | All |
| IV. | Other CAB Business <ul style="list-style-type: none">• Notification for Closed in Place Corrective Actions
CAU 511 – Waste Dumps (Piles & Debris) (CADD/CR)
Approx. Submittal Date – December 12, 2005 | All |
| V. | Wrap-Up / Adjourn | All |



ENVIRONMENTAL MANAGEMENT PROGRAM

Low-Level Waste (LLW) Project FY 2005 Accomplishments

- Received 2,091,711 ft³ of LLW in 1,440 shipments
- LLW Operations worked 220,852 hours without a lost time accident
- Revised the Area 5 Radioactive Waste Management Site (RWMS) Performance Assessment
- Finished Version 3.2 GoldSims Model
- Completed the LLW Transportation Study



Low-Level Waste Project FY 2006 Activities

- Receive 1.2 million feet³ of LLW
- Receive approval of revised Performance Assessment
- Continue the closure studies for the first 92-acres of the Area 5 RWMS
- Place Area 3 RWMS in cold-standby
- Conduct a 40 CFR 191 compliance study for the TRU in the Trenches at the Area 5 RWMS



Low-Level Waste Project FY 2006 CAB Participation Opportunities

- NSO briefing on TRU in trenches project plan and schedule
- Review TRU in trenches remediation options report and provide recommendation



West Valley Waste Stream

- Concern with West Valley lead lined containers – the amount of lead used as shielding was appropriate
 - Verification ensures lead was needed to reduce the exposure rate and appropriate amount of lead was used



Greater Than Class C Waste

- The definition of Greater-Than-Class-C (GTCC) LLW is a Nuclear Regulatory Commission (NRC) definition
- Management of GTCC is DOE's responsibility
- DOE is just beginning to gather the information to disposition this waste stream
 - An Advanced Notice for Proposed Rulemaking published May 11, 2005
 - Draft a Notice of Intent November 14 -18, 2005 meeting
 - The Notice of Intent (still to be developed) will present options to disposition the GTCC LLW for public review/comment



Greater Than Class C Waste (continued)

- Approximately 3,100 m³ (110,000 ft³)
- Most GTCC LLW (approximately 2,300 m³ or 81,000 ft³) will be generated 2035-2055



Mixed Low-Level Waste Project FY 2005 Accomplishments

- Completed the Resource Conservation and Recovery Act Permit (RCRA) Renewal application
 - Enables continued use of hazardous waste storage and explosive ordnance disposal facilities for the period 2005-2010
- Received State acceptance of the Waste Analysis/Waste Verification Plan for mixed waste disposal
- Real-Time-Radiography visual inspection system for mixed waste became operational
 - Enables NSO to receive off-site generated mixed waste for disposal
- Negotiated with the State an accelerated mixed-waste disposal unit closure strategy
 - Enables NSO to receive off-site generated mixed waste for a period of five years with a volume limit of 20,000 cubic meters – whichever comes first



Mixed Low-Level Waste Project FY 2006 Activities

- Nevada Division of Environmental Protection (NDEP) reissued the RCRA operation permit for hazardous waste storage and explosive ordnance disposal
- RCRA operation permit allows the start of off-site generated mixed waste receipts for disposal
 - Begin accepting off-site generated mixed-waste



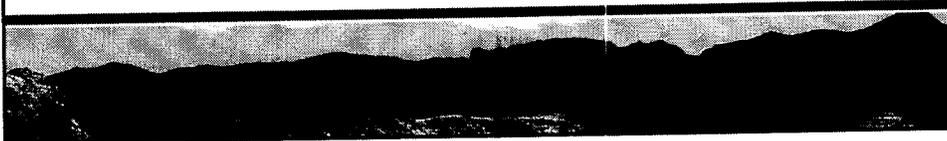
Mixed Low-Level Waste Project FY 2006 CAB Participation Opportunities

- NSO briefing on MLLW changes to the NTS Waste Acceptance Criteria



Transuranic Waste Project FY 2005 Accomplishments

- Completed all characterization of the legacy TRU waste drums and classified drums
- Continued with the campaign total of 42 shipments (1,648 drums) of TRU waste to Waste Isolation Pilot Plant (WIPP) with no incidents
 - FY 2004 - 13 shipments, 273 drums
 - FY 2005 - 29 shipments, 1375 drums



Transuranic Waste Project FY 2006 Activities

- Final 6 shipments of legacy and classified waste
 - 48 total shipments (1860 drums)
- Pre-characterization on the 58 oversized boxes
- Disposal of prohibited items collected during repackaging operations
- On-site disposal of drums that are LLW/MLLW
- Decontaminate and decommission the Visual Examination and Repackaging Building (VERB) glovebox



Transuranic Waste Project FY 2006 CAB Participation Opportunities

- Provide feedback (via a letter) related to the CAB's perspective on the TRU project's overall progress and work performance regarding the legacy TRU waste campaign
- CAB tour of the new characterization activities for the boxes (February 2006)





Industrial Sites Project FY 2005 Accomplishments

- Completed 41 assessments and 61 remediations
- Implemented efficiencies that saved millions of dollars using final action levels based on the evaluation of risk the site poses to public health and the environment
 - Result of NNSA, BN, and SNJV participating in a joint effort and successfully negotiating with the State of Nevada to change the basis for chemical and radiological preliminary action levels to final action levels based on risk factors

Industrial Sites Project FY 2005 Accomplishments (continued)

- Changed five Corrective Action Units from the complex four document process to a three document Corrective Action Decision Documents/Closure Report process
 - Due to technical changes in the field
 - Cost savings ~ \$19 million
- Used an efficient combination of explosives and mechanical remediation to decontaminate and decommission Test Cell A
 - Site is clean closed

Industrial Sites Project FY 2006 Activities

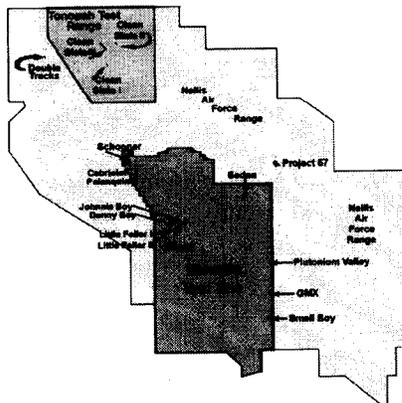
- Complete the assessment of 44 Corrective Action Sites and the remediation of 63 Corrective Action Sites
 - Assessment sites are comprised of septic systems, injection wells and waste dumps
 - Remediation sites are comprised of landfills, waste dumps, and septic systems
- Complete field activities for all but one Corrective Action Unit at the Tonopah Test Range
 - Includes radiological and ordnance characterization and remediation at three Corrective Action Units

Industrial Sites Project FY 2006 CAB Participation Opportunities

- Corrective Action Decision Documents for Closure in Place remediation alternatives will be proposed at future CAB meetings for public comments

Soils Project FY 2005 Accomplishments

- Completed and submitted the 100% draft Final Documented Safety Analysis for Clean Slates II and Clean Slates III
- Updated the Soils Life-Cycle Baseline
- Worked to develop strategy for NTS Soil Corrective Action Units final hazard characterization



Soils Project FY 2006 Activities

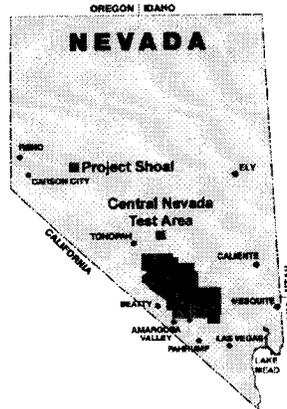
- Completion of final Documented Safety Analysis for Clean Slates II and Clean Slates III
- Finalize NTS Soil Corrective Action Units Hazard Categorization document
- Conduct Unexploded Ordnance survey, radiological control posting survey, installation of fencing, and CFR 835 posting of Clean Slates II/III Corrective Action Units
- Complete the finalization of Corrective Action Decision Document for Clean Slates II and III
- Submit final Corrective Action Plans for Clean Slates II and III to NNSA

Soils Project FY 2006 CAB Participation Opportunities

- Review and comment on Clean Slate II and III documents

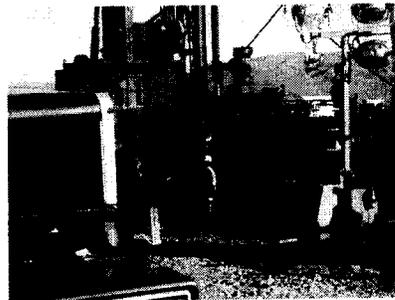
Nevada Offsites Project FY 2005 Accomplishments

- Acceptance of the Central Nevada Test Area (CNTA) Corrective Action Decision Document and Corrective Action Plan
 - First accepted document for Corrective Action Decision Document and Corrective Action Plan milestones for an underground test/detonation cavity
- Installation of three (3) wells at CNTA up to 4200 feet deep
- No safety incidents that resulted in lost work days
- Submittal and comment resolution for the Project Shoal Area Corrective Action Decision Document and Corrective Action Plan



Nevada Offsites Project FY 2006 Activities

- Development, aquifer testing and sampling of the three new CNTA wells
- Finalization and regulator acceptance of the Project Shoal Area Corrective Action Decision Document and Corrective Action Plan
- Installation of three wells at the Project Shoal Area



Nevada Offsites Project FY 2006 CAB Participation Opportunities

- Inform stakeholders during public meetings on transition status

UGTA Project FY 2005 Accomplishments

- Completed Frenchman Flat Phase II Flow Model Analysis and Evaluation
- Completed Frenchman Flat Phase II draft Transport Parameters
- Completed Draft Pahute Mesa Flow Model Report
- Completed Phase I drilling in Rainier Mesa/Shoshone Mountain (three (3) wells)



UGTA Project FY 2005 Accomplishments (continued)

- Completed well development, testing and sampling for two (2) of three (3) new wells
- Completed Rainier Mesa/Shoshone Mountain Corrective Action Investigation Plan
- Completed Draft Yucca Flat Hydrostratigraphic model
- Completed Yucca Flat Earth Vision Base Model

UGTA Project FY 2006 Activities

- Complete Frenchman Flat Phase II Flow Model Report
- Complete Frenchman Flat Transport Model Analysis and Evaluation
- Complete Pahute Mesa Flow Model Report
- Complete Yucca Flat Phase I Hydrologic Data Documentation Package
- Complete Yucca Flat Transport Parameter Analysis and Evaluation
- Complete Rainier Mesa/Shoshone Mountain Hydrostratigraphic Analysis and Evaluation
- Complete Rainier Mesa/Shoshone Mountain well data reports for three (3) wells drilled in FY 2005

UGTA Project FY 2006 CAB Participation Opportunities

- Discussion with the CAB's UGTA subcommittee on proposed wells sites



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**FY 2005 Self-Evaluation
October 1, 2004 – September 30, 2005**

BACKGROUND

The Community Advisory Board (CAB) for Nevada Test Site Programs is one of nine Environmental Management (EM) Site-Specific Advisory Boards (SSABs) chartered throughout the Department of Energy complex to provide informed feedback on environmental management activities. An excerpt from the overall charter established for the site specific advisory boards, describes the objective, scope of activity and duties of the SSAB, as follows:

The Environmental Management (EM) Site-Specific Advisory Board (SSAB, CAB, or Board) will provide the Assistant Secretary for Environmental Management, the appropriate Site Manager(s) and any other U.S. Department of Energy official the Assistant Secretary shall designate, with information, advice and recommendations to DOE concerning the following EM site-specific issues: clean-up standards and environmental restoration; waste management and disposition; stabilization and disposition of non-stockpiled nuclear materials; excess facilities; future land use; long-term stewardship; risk assessment and management; and science and technology activities. The CAB may also be asked to provide advice and recommendations on any other EM projects or issues.

INTRODUCTION

The mission of the Community Advisory Board (CAB) for Nevada Test Site Programs is to provide recommendations and advice to the U.S. Department of Energy Nevada Site Office (DOE/NSO) Assistant Manager for Environmental Management relative to environmental management (EM), environmental restoration, waste management and technology development at the Nevada Test Site (NTS). This requires the review of related plans and programs, reviewing and prioritizing EM projects and forwarding comments and recommendations from the CAB to DOE/NSO for review and action, as appropriate.

This self-evaluation includes a recap of the NTS CAB's activities and letters to the DOE/EM program. The evaluation also addresses challenges and issues as well as suggested approaches to address those challenges and issues.

The CAB's work scope includes monthly full Board Administrative meetings, as-needed working committee meetings, publicized full Board meetings, and participation in national Site Specific Advisory Board meetings and workshops. Board members may also attend training sessions provided throughout the year to improve their knowledge and understanding of the projects upon which they were working, which are also included in this document.

In addition to attending full Board meetings and committee meetings, CAB volunteer members and ex-officio members contribute countless hours to studying and addressing a myriad of complex issues. These activities provide a foundation on which the CAB bases its recommendations to the NTS EM program.

The bulk of the CAB's work is initiated and completed within committees, which are led by a chairperson and vice chairperson. CAB members bring a diverse community perspective to their efforts and are required to serve on at least one working committee. Each committee is empowered to conduct research, evaluate documents, analyze issues, interview EM project managers and produce written recommendations on issues for discussion and/or approval by the CAB as a whole. Work products include formal recommendations; analysis of technical, legal and socioeconomic issues; and information for the public. Recommendations are initially developed within the working committees and then presented to the full Board for discussion / approval. Approved recommendations are formally transmitted to the Assistant Manager for Environmental Management for consideration and action.

I. FY 2005 Activities

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October 2004

- October 6-8: DOE/HQ SSAB Semi-Annual Chairs' Meeting, Richland, WA
 - CAB Participants: Charles Phillips, John Pawlak
 - Staff Participant: Carla Sanda
 - Meeting Focus: Site interdependencies related to waste disposition

- October 6-7: DOE/HQ Risk-Based End States Meeting, Chicago, IL
 - CAB Participant: Engelbrecht von Tiesenhausen
 - Meeting Focus: Review of DOE risk-based end state process, including stakeholder involvement, and discussion of path forward

- October 14: NTS Full-Day Tour
 - CAB Participants: Terry Hixson, Bob Gatliff, Bill King, Dave Hermann, Jack Ramsey, John Pawlak, Engelbrecht von Tiesenhausen

- Staff Participants: Carla Sanda, Kay Planamento
- Tour focus: historical perspective for new members, TRU mobile vendor, RTR facility, waste disposal operations
- October 15: CAB's Semi-Annual Work Plan Retreat, Las Vegas Paiute Golf Resort – 7:30 a.m. – 2:30 p.m.
 - Elected CAB Chairperson and Vice Chairperson
 - Reviewed FY 2004 Self Assessment
 - UNLV briefing: DOE Complex – Sites and Activities
 - Video - NTS: The First 50 Years
 - DOE Budget Update
 - Develop FY 2005 Committee Work Plans
- October 15: Administrative Meeting -Las Vegas Paiute Golf Resort – 3:00 – 4:00 p.m.
 - Approved FY 2005 CAB Committee Work Plans
 - Provided Hanford SSAB Chairs Meeting and RBES Workshop trip reports
 - Developed November 10 public meeting agenda
 - Discussed upcoming UGTA FY 2005 Kickoff
 - Reviewed articles for CAB Newsletter
- October 19: UGTA Committee Meeting – DOE Nevada Support Facility, 232 Energy Way – 9:30 – 11:00 a.m.
 - Meeting conducted with Carl Gertz, Steve Mellington, Robert Bangerter, Kelly Snyder to discuss initial UGTA Committee recommendations for future UGTA well siting
- October 19: Nye County Commissioners' Meeting, Pahrump, NV
 - UGTA Committee members attended meeting to update community on committee initiatives and invite attendees to upcoming CAB public meeting
- October 27: Annual UGTA Kick-Off – National Atomic Testing & History Institute – 3:00 – 7:00 p.m.

November 2004

- November 10: Administrative Meeting – Stoller-Navarro Offices, Las Vegas, NV – 5:00 – 8:00 p.m.
 - Approved FY 2004 Year-End Self Assessment
 - Provided recap of FY 2005 UGTA project kickoff
- November 10: Budget Committee Meeting – CAB Office
 - Met individually with 5 DOE project managers for overview/discussion

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- November 10: UGTA Committee Meeting – Stoller Navarro Offices, Las Vegas, NV – 4:00 – 5:00 p.m.
 - Reviewed results to date; focused on specific coordinates for recommendation; began planning briefing for Beatty public meeting

December 2004

- December 2: Public Meeting – Beatty Community Center, Beatty, NV – 7:00 – 9:00 p.m.
 - Bechtel Nevada briefing on NTS monitoring program activities
 - UGTA Committee Briefing to community on UGTA well recommendation research and conclusions
 - Committee Updates
- December 2: UGTA Committee Meeting – CAB Office – 2-4 p.m.
 - Prepare briefing for Senator Harry Reid's Office
- December 7: UGTA Committee – 1-3 p.m.
 - Briefing to Sara Mills, Senator Harry Reid staff assistant
- December 15: DOE-HQ Site Specific Advisory Board (SSAB) Chairs' Conference Call
 - CAB Participant: Charley Phillips
 - Staff Participant: Carla Sanda

JANUARY 2005

- January 12: UGTA Committee Meeting – JB's Restaurant
 - Review outstanding details related to recommendations
 - Make assignments for completion
- January 12: Administrative Meeting & Holiday Dinner – JB's Restaurant, Las Vegas – 5:00 – 8:00 p.m.
 - Committee Updates
 - Electronic Newsletter article review
 - SSAB Chairs Meeting Preview & Planning
 - Upcoming CAB Public Meeting
- January 26: UGTA Committee Meeting – CAB Office
 - Develop formal letter to DOE re: well recommendation

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FEBRUARY 2005

- February 9: Administrative Meeting – Stoller-Navarro Offices, Las Vegas – 5:00 – 8:00 p.m.

- DOE briefing on Paducah waste issue
 - DOE briefing on RCRA Part B permit status
 - Discussion and approval of CAB letter to DOE on alternative landfill design
 - DOE FY 2005 Budget Update
 - Discussion and approval of UGTA well recommendation letter
 - Plan for Sunrise Hospital tour of emergency response facilities
 - Plan for March public meeting
 - Approval of September meeting minutes
- February 10: Budget Committee Meeting – CAB Office – 9:00 a.m. – 2:00 p.m.
 - Met with remaining DOE project managers
 - Assigned projects to individual members
 - Reviewed ranking criteria
- February 25: Budget Committee Meeting – CAB Office- 9:00 a.m. – 12:00 p.m.
 - Finalized project rankings
 - Finalized briefings
 - Conducted dry run for public meeting

MARCH 2005

- March 2: Savanna River Community Advisory Board NTS Tour – 7:30 a.m. – 4:00 p.m.
 - Staff Support: Carla Sanda
- March 3: DOE-HQ Site Specific Advisory Board Chairs' Conference Call
 - CAB Participant: Charley Phillips
 - Staff Participant: Carla Sanda
- March 9: CAB Public Meeting – Grant Sawyer State Office Building, Las Vegas – 6:00 – 8:00 p.m.
 - CAB FY 2007 Budget Prioritization Briefings
 - NDEP FY 2007 Budget Perspectives
 - Committee Reports
 - Approval of FY 2007 CAB Budget prioritization letter
 - Plan for Sunrise Hospital Tour
 - Plan for Semi-Annual Work Plan Retreat
 - Plan for April Site Specific Advisory Board Chairs Meeting
 - Approved final articles for electronic newsletter
- March 25: Transportation/Waste Committee sponsored Sunrise Hospital Tour, Las Vegas – 1:30 – 2:30 p.m.
 - Tour decontamination unit and supporting emergency preparedness facilities

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- CAB Participants: John Pawlak, Marian Lawrence, Bill King, Bob Gatliff, Kay Allisen-Medlin, Charley Phillips, Engelbrecht von Tiesenhausen
- Staff Participants: Carla Sanda, Kay Planamento

APRIL 2005

- April 12: UGTA report planning meeting – CAB Office - 10:00 – 11:00 a.m.
 - CAB Participant: Terry Hixson
 - Staff Participants: Carla Sanda, Kay Planamento
- April 15: UGTA Committee Meeting – CAB Office – 1:30 – 4:00 p.m.
 - Meeting with Bob Bangerter to review recommendation, discuss relevant changes or updates to project
- April 20 – UGTA Committee – Nye County Federal Impacts Advisory Board Meeting, Pahrump, NV – 7:00 – 9:00 p.m.
 - Briefing to Board on UGTA Committee recommendations to DOE for future UGTA well location
- April 27-29 – DOE/HQ Semi-Annual SSAB Chairs Meeting – Augusta, GA
 - CAB Attendees: Charles Phillips, Engelbrecht von Tiesenhausen
 - Staff Attendees: Carla Sanda
 - Focus
 - Nine Boards reported on top 3 issues at their respective sites
 - Planning for National Stakeholder Forum on Waste Disposition
 - Oak Ridge Stewardship Education Resource Kit
 - Briefing by Frank Marcinowski, DOE-HQ, on national approach to waste disposition issues
 - Future of EM SSABs

MAY 2005

- May 11: Administrative meeting – Stoller Navarro Cheyenne Office – 5:00 – 8:30 p.m.
 - DOE Briefing on DOE Grant to Nevada Counties
 - DOE FY 2005 Budget Update
 - DOE Report on “A76” Study
 - SSAB Meeting Report
 - Semi-Annual Work Plan Retreat planning
 - Discussion related to July public meeting
 - Committee Updates

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JUNE 2005

- June 3: UGTA Committee Meeting – 10:00 a.m. – 12:00 p.m.
 - Plan format for UGTA Committee report
- June 15: SSAB Chairs Conference Call – 12:00 – 1:30 p.m.
- June 20: UGTA NTS Drilling Tour – 7:00 a.m. – 4:30 p.m.
- June 25: CAB Semi-Annual Work Plan Retreat and National Atomic Testing and History Institute Tour – 8:00 a.m. – 4:00 p.m.
 - TRU/Mixed TRU Waste Project Update
 - Radiation 101 Briefing
 - UNLV Technical Support Options
 - Reviewed FY 05 work plans for Underground Test Area, Transportation / Waste, and Diversification Committees
 - Toured the National Atomic Testing & History Institute
- June 29: Semi-Annual Chairs Meeting Steering Committee Conference Call – 12:00 – 1:00 p.m.

JULY 2005

- July 13: Public Meeting – Amargosa Valley Community Center, Amargosa, NV – 7:00 – 9:00 p.m.
 - UGTA Committee Presentation
 - CAB Work Plan Updates – Transportation/Waste, UGTA, Diversification Committees
 - Plan for SSAB Chairs Meeting in Idaho Falls
- July 21: Semi-Annual Chairs Meeting Steering Committee Conference Call – 12:00 – 1:00 p.m.
- July 25: Transportation/Waste Committee Meeting – CAB Office
 - Review Draft Low-Level Waste and Mixed Low-Level Waste Business Strategy and develop comments for transmittal to DOE-HQ

AUGUST 2005

- August 10: Transportation/Waste Committee Meeting – Stoller-Navarro Cheyenne Conference Room – 3:00 – 4:30 p.m.
 - Review independent cost analysis for classified drum disposition; determine schedule for recommendations to DOE on alternatives
- August 10: Administrative Meeting – Stoller-Navarro Cheyenne Conference Room – 5:00 – 7:00 p.m.
 - Potential for video conferencing

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- Nye County Stakeholders Groups Update
- Committee Updates
- Approval of Biennial Report
- Approval of Mid-Year Self Assessment
- Finalize September SSAB Chairs meeting details
- Review / discuss comments submitted to DOE-HQ on Draft Low Level / Mixed Low Level Waste Business Strategy

SEPTEMBER 2005

- September 7: Transportation/Waste Committee Meeting – CAB Office
 - Review Cost Analysis for Classified Drum Disposition
 - Develop recommendations for transmittal to DOE NSO
 - Outline transmittal letter

- September 20 – 23: SSAB Semi-Annual Chairs Meeting – Idaho Falls, ID
 - CAB attendees: Charles Phillips, David Hermann, John Pawlak
 - Staff Attendees: Kelly Snyder, DOE NSO, Carla Sanda, SNJV
 - Focus:
 - Full day tour of Idaho National Laboratory
 - Briefing: National Low-Level / Mixed Low-Level Waste Disposition Strategy provided by Christine Gelles, Director-Office of Commercial Disposition Options, Office of Environmental Management
 - Briefing: Update on DOE's National Waste Disposition Plans by Frank Marcinowski, Deputy Assistant Secretary for Logistics and Waste Disposition Enhancements, Office of Environmental Management
 - Round-robin of all nine Board participants to share three top waste disposition issues at their respective sites
 - Round-robin of all nine Board participants to share three top overarching issues at their respective sites
 - Developed at letter to DOE EM-1 regarding SSAB concerns related to overall national waste disposition issues
 - Briefing: Long-Term Stewardship at the INL provided by David Kipping, Chair of the Idaho CAB
 - Oak Ridge SSAB volunteered to host the next SSAB Chairs meeting tentatively planned for April 2006
 - Northern New Mexico SSAB volunteered to host the Fall 2006 SSAB Chairs Meeting
 - NTS SSAB volunteered to host the Spring 2007 SSAB Chairs meeting

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NOTE TO CAB MEMBERS: THE FOLLOWING SECTION REMAINS FROM THE MOST RECENT SELF-ASSESSMENT – PLEASE REVIEW AND PROVIDE YOUR RECOMMENDATIONS FOR UPDATE IF NEEDED

II. CHALLENGES / ISSUES

- Ongoing need remains for active Native American participation
- Stakeholder attendance at quarterly public meetings is sparse
- Additional community outreach

SUGGESTED APPROACHES

- Identify options and/or entities that may result in effective solicitation of Native American participation in CAB activities
- Provide up-front publicity for public meetings; e.g., flyers posted throughout communities, radio / television public service announcements, provide briefings at community meetings in advance of meetings. Identify opportunities to schedule the *CAB Roadshow*
- Consider public meetings, the *CAB Roadshow*, and/or informational workshops in rural communities surrounding the NTS; e.g., Amargosa, Beatty, Caliente

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DIVERSIFICATION COMMITTEE

FY 2005 Mid-Year Work Plan – Developed at June 25, 2005 CAB Retreat

Committee Members

Jackson Ramsey, Chair

Members: Kaye Allisen-Medlin, David Hermann, Marian Lawrence, Charley Phillips

The following initiatives were developed at the CAB's June 25 Semi-Annual Work Plan Retreat:

- 1. Review CAB By-Laws related to *ex officio* members; consider revising membership and inviting "new faces" to participate (e.g., Brent Jones, Nye County Emergency Preparedness)**
- 2. Develop new member recruitment advertising plan by November 2005**
- 3. Place recruitment ads (public service announcements, internet databases, etc.) by January 2006**
- 4. Conduct personal interview of applicants in March 2006**
- 5. Invite new members May 2006**

TRANSPORTATION / WASTE WORK

FY 2005 Mid-Year Work Plan – Developed at June 25, 2005 CAB Retreat

Committee Members

**John Pawlak, Chair; Richard Nocilla, Vice Chair, David Hermann, Bill King,
and Marian Lawrence**

At the recent mid-year work plan retreat, the Transportation Waste Committee revised its work plan to address the following issues through the remaining part of fiscal year 2005 and likely into 2006.

- 1. Review and comment on options for preparing classified transuranic waste materials for ultimate disposal at the Waste Isolation Pilot Plant. Comments are due to DOE by September 1, so the committee will be working on this document over the next several weeks.**
 - a. On this same subject, at our recent retreat, DOE provided the CAB with an update on the transuranic waste project. DOE has nearly completed its shipments of transuranic waste to the Waste Isolation Pilot Plant, which is located about 25 miles southeast of Carlsbad, New Mexico. Since January 2004, 38 shipments have been made – for a total of 1,486 drums. Approximately 4 additional shipments will be made by late September 2005.**
 - b. We will also continue to stay involved in the transuranic waste project as it finalizes its efforts and may also be asked to provide feedback related to future highway routing decisions as well as mobile vendor deployment.**

- 2. The committee is also reviewing the first draft of a national radioactive waste disposition strategy that is being developed at the Department of Energy**

Headquarters office. As environmental management activities are winding down nationally, the DOE is assessing and compiling information related to radioactive waste disposal at every site throughout the country to ensure that they have a very clear national picture of any issues remaining related to waste disposal. All nine site-specific advisory boards have been invited to review and comment on the documents being developed, so our voice will be one of hundreds of stakeholder voices that will weigh in on this very important issue. This will likely be a multi-step process, so we'll do our best to review and comment and will provide you with updates as we step through that effort.

3. Review report being developed by the Desert Research Institute that recaps a study they conducted to assess the potential exposure from truck transport of low-level radioactive waste to the Nevada Test Site. As soon as the document becomes available, we'll take a look at it and will post any recommendations on our web site.

4. Sometime within the next year or so, the Department of Energy Headquarters will be preparing an environmental impact statement to address the disposal of radioactive wastes generated by the Nuclear Regulatory Commission that are designated as "greater than Class C" radioactive wastes. The Nuclear Regulatory Commission defines low level waste classes as A, B, and C by the concentration of specific short- and long-lived radionuclides, with Class C having the highest concentration limits. This will also be a national stakeholder involvement effort, so DOE will hold meetings around the country to discuss the environmental impact statement, and we will be given several opportunities to review and comment on the process.



UNDERGROUND TEST AREA (UGTA) COMMITTEE

FY 2005 Mid-Year Work Plan – Developed at June 25, 2005 CAB Retreat

Committee Members

**Kathleen Peterson, Chair
Engelbrecht von Tiesenhausen, Vice Chair**

**CAB Committee Members: Robert Gatliff, Steve Hopkins, Bill King, Genne Nelson,
Charley Phillips**

UNLV Technical Support Team Members: Dr. Helen Neill, Savanna Reid

The following initiatives were developed at the CAB's June 25 Semi-Annual Work Plan Retreat:

- 1. Finalize and develop detailed well recommendation letter to Steve Mellington, DOE NSO**
- 2. Review aerial surveys of recommended well location(s)**
- 3. In concert with UNLV technical assistance, develop comprehensive report on well recommendation process**

CAB Monthly Update
December 2005

Transuranic Waste:

Accomplishments (October/November)

- The last six shipments of legacy TRU waste drums and the TRU classified drums were made to WIPP on November 9. A total of 48 shipments have been made to WIPP with a total of 1,860 drums. The shipping campaign is completed and the route through California is now closed.
- Operations continue remediation and disposition of the prohibited items that were removed from waste drums during repackaging. These items include liquids, powders, and aerosol cans that are low-level/mixed low-level waste.
- The headspace gas unit was demobilized and relocated to another site.

Expectations (December)

- Continue planning for the disposition of the oversized boxes. Safety analysis is being performed to allow the boxes to be moved from the TRU Pad Cover Building in Area 5 to the radiography unit to determine if any prohibited items are in the boxes. A contractor is being procured to perform assay on the boxes to determine if they are low-level or transuranic waste. This work will begin in February 2006.

Low-Level Waste (LLW):

Accomplishments (October and November)

- Conducted four LLW Generator Facility Surveys (Savannah River, Y-12, LANL, and Brookhaven National Laboratory) in October and November.
- Participated in the Fall Generator workshop in Oak Ridge, TN and will explain Lessons Learned to the generator to help generators compliance with the NTSWAC for FY-06
- Received 167,571 ft³ of LLW in 157 shipments by November 27, 2005.
- LLW Operations has worked 230,722 hours since last lost time accident

Expectations (December)

- Will conduct two LLW Generators Facility Surveys (Permafix, and Paducah) in November.
- Expecting to receive approximately 267,000 ft³ of LLW by the end of the December.

Mixed Low-Level Waste:

On December 1, 2005, the NTS RCRA operating permit goes into effect for a period of 5 years. This permit provides for the continued operation of the Hazardous Waste Storage Unit in Area 5 and the Explosive Ordnance Disposal Unit in Area 11. In addition, rather than issue a permit for disposal of radioactive low-level hazardous waste (mixed waste) the Mixed Waste Disposal Unit (Pit 3, Area 5) will continue to operate under RCRA interim status. Because NNSA/NSO provided a satisfactory Waste Analysis Plan for mixed waste disposal, the NDEP has removed the off site restriction. This allows approved DOE generators across the country to ship mixed waste to the NTS for disposal. However, disposal of mixed waste expires with this permit (December 1, 2010)

or when a disposal capacity of 20,000 cubic meters (706,000 cubic feet) is reached. Also, NNSA/NSO is required to submit within 180 days (June 1, 2006) of the effective date of the permit a Closure Plan for the MWDU.

Underground Test Area Project:

Accomplishments (October & November)

Pahute Mesa

- Completed Hot well Sampling at Cheshire & Bourbon

Expectations (December)

Pahute Mesa/Frenchman Flat

- No deliverables, continuing flow model analysis

Industrial Sites:

Accomplishments (October and November)

- Began characterization fieldwork at Corrective Action Unit (CAU) 274: Septic Systems
- Completed characterization fieldwork for CAU 145: Wells and Storage Holes, CAUs 530-535: Mud Pits, and CAU 151: Septic Systems and Discharge Area
- Completed remediation fieldwork for the three Corrective Action Sites (CASs) scheduled for CAU 168: Area 25 and 26 Contaminated Materials and Waste Dumps, CAU 511: Waste Dump, and CAU 489: WW II UXO Sites
- Received NDEP approval for CAU 552: Area 12 Muckpile and Ponds Corrective Action Decision Document/Closure Report, CAU 543: Liquid Disposal Units Corrective Action Decision Document, CAU 390: Areas 9, 10, and 12 Spill Sites Closure Report, and CAU 395: Area 19 Spill Sites Closure Report

Expectations (December)

- Complete characterization fieldwork for CAU 274: Septic Systems
- Receive NDEP approval for CAU 540: Spill Sites (DP) Streamlined Approach For Environmental Restoration (SAFER) Plan, CAU 137: Waste Disposal Sites Corrective Action Investigation Plan, and CAU 165: Area 25 and 26 Dry Well and Washdown Areas Closure Report

Nevada Offsites

Accomplishments (October and November)

- At the Central Nevada Test Area (CNTA) well development and aquifer testing on the three newly installed monitoring/validation wells began and continues. This work is planned to continue into February 2006. A total of three wells were installed at total depths of 4,100', 3,660', and 4220' below ground surface during the summer of 2005.
- Restoration of the three drill pads at CNTA was completed in November. This work included re-contouring the area to match the surrounding land surface and reseeded the re-contoured areas.
- The final Corrective Action Decision Document/Corrective Action Plan for Project Shoal Area Subsurface was submitted to the Nevada Division of Environmental Protection on October 26.

- Preliminary meetings between NDEP, NSO and the DOE Office of Legacy Management (OLM) were held to discuss adding OLM as a signatory to the FFACO. CNTA and Shoal are scheduled to be transferred to OLM on October 1, 2006.
- On Oct 22 and 23 representatives from NSO, DRI and SNJV provided briefings at the Shoal Site as a stop on a public field trips conducted by the Nevada Bureau of Mines and Geology. The field trips were well attended.

Expectations: (December)

- The newly installed wells at CNTA will be continued to be developed.
- Pre-field planning for drilling at Shoal will begin.
- The final Corrective Action Decision Document/Corrective Action Plan for Project Shoal Area Subsurface will be approved by NDEP.

Soils

Accomplishments (October and November):

- Continued to work on Preliminary Assessment type work on 25 sites with the highest potential to be additional Soils Sites.
- Began work on a detailed analysis of a broad range of alternatives for the cleanup of the Clean Slate (CS) III site (CAU 414).
- Worked on revised Baseline for the Soils Project (including adding 25 additional sites which may have to be added to the Soils Project).
- Revised the detailed evaluation of alternatives for the CS II Site (CAU 413).

Expectations (December):

- Finish Preliminary Assessment-type packages for the high likelihood additional Soils Sites similar to the Neptune Crater Site (25 highest potential additional Soils Sites).
- Draft detailed evaluation of alternatives for the CS III Site (CAU 414).
- Finish the detailed evaluation of alternatives for the CS II Site (CAU 413).

**Notification for
Closed in Place Corrective Actions
December 2, 2005
Beatty, Nevada**

During the next 30 days, the Department of Energy (DOE) will be submitting one Corrective Action Decision Document Closure Report (CADD/CR) to the Nevada Division of Environmental Protection (NDEP) for the following Corrective Action Unit (CAU). These documents will recommend that engineering and/or administrative controls be used to close the sites although contamination remains.

When submitting this document to NDEP, copies will be supplied to the Community Advisory Board and the Las Vegas and Carson City Public Reading Rooms for review. Submit comments regarding these decision documents to Tim Murphy (NDEP) within 30 days of the document's release.

CAU Number	CAU Description	Approximate Submittal Date
511	Waste Dumps (Piles & Debris) (CADD/CR)	December 12, 2005

(*) Indicates the document type and submittal date were changed as of July 1, 2005.



Nevada Site Office News

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For Immediate Release:

November 30, 2005

Legacy Transuranic Radioactive Waste Drum Shipping Campaign Completed

In November, the U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office, Environmental Management Transuranic Project completed the Nevada Test Sites (NTS) legacy transuranic radioactive waste drum shipping campaign, which began in January 2004. Marked by three shipments that departed from the Area 5 Radioactive Waste Management Complex on November 9, a total of forty-eight (48) transuranic waste shipments (1,860 drums) were shipped without incident to the Waste Isolation Pilot Plant (WIPP) near Carlsbad, New Mexico.

Since the 1970's, the legacy waste drums have been stored at the Nevada Test Site in 55-gallon and 85-gallon overpack drums and were destined for permanent disposal at WIPP. Most of the waste was generated by weapons research at Lawrence Livermore National Laboratory in California and has been securely stored at the Nevada Test Site in a steel-framed, fabric-covered structure. In addition to the legacy drums, the project shipped classified transuranic waste drums generated from Rocky Flats Environmental Technology Site in Colorado, which had been stored at the Nevada Test Site since the 1980s.

“The completion of Nevada Test Site legacy transuranic waste drum shipments to WIPP represents many years of hard work by our Environmental Management staff. This marks an important milestone in cleanup of the Nevada Test Site” said Kathy Carlson, Nevada Test Site Manager.

Contributors to the shipping campaign included: The Nevada Division of Environmental Protection, the Nevada Test Site Community Advisory Board, the California Highway Patrol, the Nevada Highway Patrol, the Nevada Division of Radiological Health Department, Bechtel Nevada, and the Central Characterization Project.

Transuranic waste contains man-made radioactive elements heavier than uranium, hence the name “trans” or “beyond” uranium. For more information and photographs of the Transuranic Waste Project at the Nevada Test Site, please visit our Internet web site at <http://www.nv.doe.gov/emprograms/environment/wastemanagement/transuranic.htm>.

NSO-05-32

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