Full Board Meeting
July 9, 2008

In this folder you will find:

1) 07/09/08 Draft Agenda (green)
2) Environmental Management Complex Overview presentation (white)
3) Life-Cycle Baseline Status presentation (white)
4) May 2008 Approved Full Board Minutes (pink)
5) Election Flyer (beige)
6) List of CAB's Chair, Vice-Chair, and Committee Chairs (white)
7) Environmental Management Report to the CAB (gray)
8) CAB Attendance Requirements (orange)
9) CAB Attendance Spreadsheet (white)
10) CAB Revised Member Roster (white)
11) Public Notification of Correction Actions (yellow)
12) Updated Fact Sheet: Tonopah Test Range (white)
13) Updated Fact Sheet: Industrial Sites (white)

DRAFT AGENDA
FULL BOARD MEETING
Atomic Testing Museum, Frank Rogers Auditorium
755 East Flamingo Road, Las Vegas, NV 89119
July 9, 2008 - 5:00 p.m.

Conference Call-In Number: 702-295-3007

I.	Chair's Opening Remarks: • Agenda Approval	Dave Hermann, Chair
II.	Public Comment	
III.	Presentation: *DOE's Environmental Management (EM) Complex*	Frank DiSanza, DOE
IV.	Presentation: *Nevada Site Office EM Life-Cycle Baseline Status*	Frank DiSanza, DOE
V.	Committee Updates:	
	• Environmental Management Public Information Review Effort (EMPIRE)	Walt Wegst
	• Outreach	Hal Sullivan
	• Transportation/Waste	Ted Oom
	• Underground Test Area (UGTA)	Bob Gatliff
VI.	Other CAB Business:	
	• Membership responsibilities	Dave Hermann, Chair
	• September 2008 SSAB Chairs Meeting – Washington, D.C.	Dave Hermann, Chair
	• Nevada Test Site Tour – Wednesday, October 8, 2008	Dave Hermann, Chair
	• Full Board and Committee Elections – Self-Nominations by E-mail	Dave Hermann, Chair
	• September 2008 Board meeting location, and committee meetings	Dave Hermann, Chair
	○ Underground Test Area (UGTA) Update	
	○ Transuranic Sub-Project Update	
	○ Approve Committee Work Plans	
	○ Chair and Vice Chair Elections	
	○ Committee Chair Elections	

VI. Other CAB Business (continued):

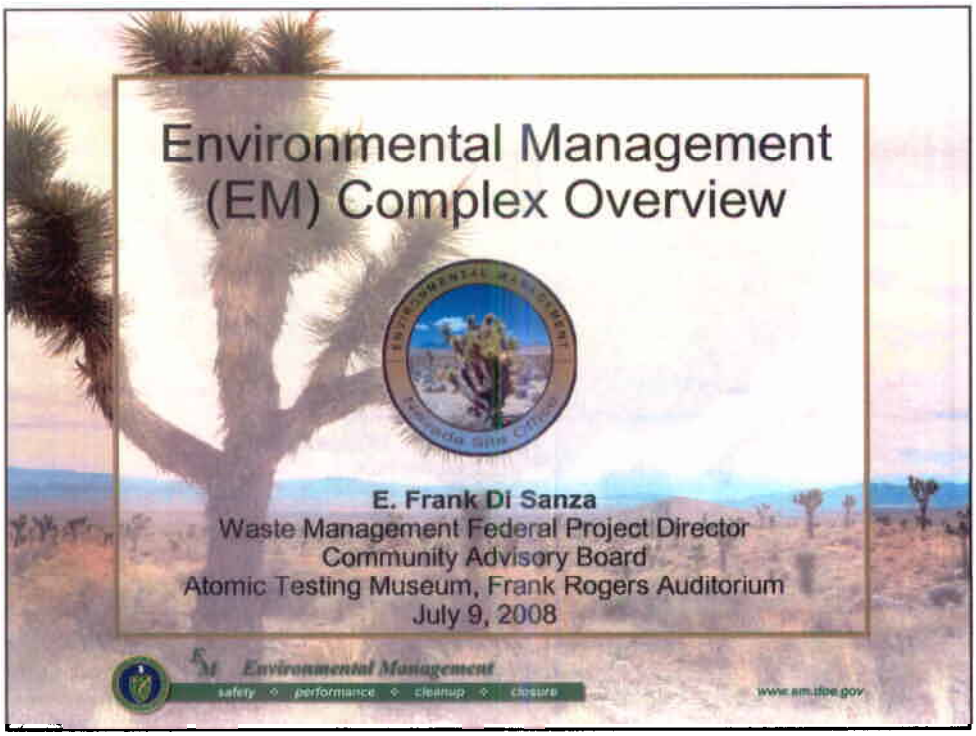
- DOE Update — Kelly Snyder, DOE
  - CAB Monthly Report (in packets)
  - Status of new member operations

VII. June and July State of Nevada Notifications — Rosemary Rehfeldt

- Corrective Action Unit (CAU) 107 – submittal date 8/15/08

VIII. Meeting Wrap-Up / Assessment — Rosemary Rehfeldt

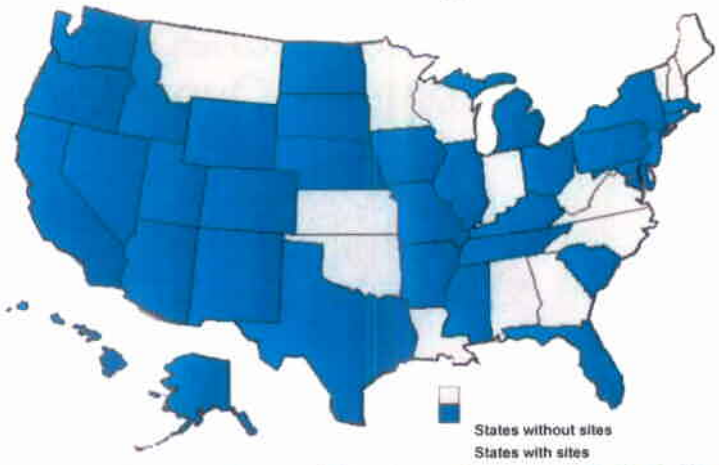
- Meeting Feedback
- Snack Fund



History of Environmental Management

- U.S. Department of Energy created the Office of Environmental Management in 1989 to cleanup legacy contamination resulting from nuclear research and testing
  - Environmental Management is responsible for the cleanup of 137 sites throughout the United States
  - U.S. nuclear weapons complex generated waste, pollution, and contamination resulting in contaminated waste, water, soil and structures that will remain radioactive for thousands of years

Environmental Management Sites



http://www.em.doe.gov/Pages/SitesLocations.aspx?PAGEID=MAIN

National Environmental Management Program Responsibility

- Environmental Management is responsible for:
  - Remediating extensive surface and groundwater contamination
  - Safely disposing large volumes of nuclear waste
  - Decontaminating and decommissioning (D&D) contaminated facilities no longer needed
  - Safeguarding materials that could be used in nuclear weapons

ENVIRONMENTAL MANAGEMENT PROGRAM

Environmental Management Site-Specific Advisory Board Locations

Environmental Management
safety ✧ performance ✧ cleanup ✧ closure
www.em.doe.gov

ENVIRONMENTAL MANAGEMENT PROGRAM

Hanford (Washington)

Environmental Management
safety ✧ performance ✧ cleanup ✧ closure
www.em.doe.gov

Hanford
(continued)

- Located in southeastern Washington State; Columbia River runs through the northern portion of the site and the City of Richland is located on the southern border
- Established in 1943 for plutonium production, chemical processing, and research and development of nuclear weapons
- Environmental management mission replaced the plutonium production mission in 1989
- Current mission is to manage facilities and inventories of special materials, remediate contamination, and support national research efforts in environmental and other sciences

D&D at the Hanford Plutonium Finishing Plant (PFP)

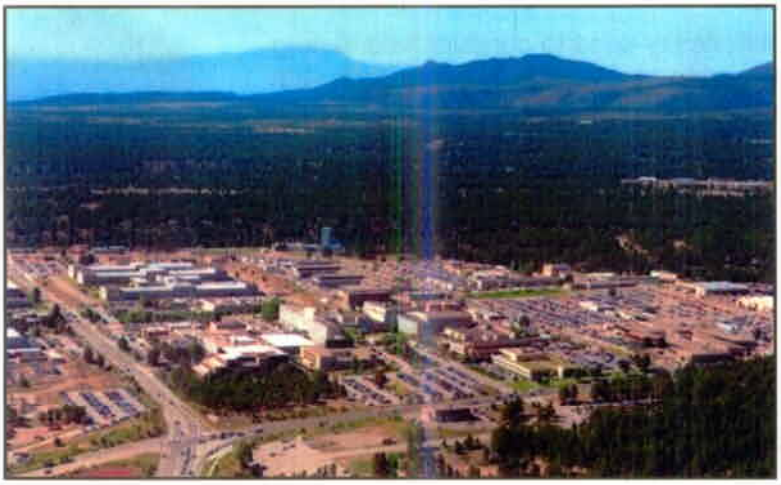
Idaho

Idaho
(continued)

- Located in southeast Idaho near northwest end of the Snake River Plain
- Established in 1949 – missions included designing and testing nuclear reactors and reprocessing spent nuclear fuel
  - Radioactive waste disposal activities include high-level, transuranic, mixed low-level and low-level
  - Storage and disposition activities for spent nuclear fuel from many sources such as the Navy, foreign and domestic research reactors, some commercial reactors, and DOE-owned fuel

Tank removed during D&D at the Idaho Test Area North will be treated and prepared for disposal

Los Alamos (New Mexico)



Los Alamos
(continued)

- Located in north-central New Mexico, approximately 60 miles northeast of Albuquerque and 25 miles northwest of Santa Fe
- Established in 1943 to design and develop nuclear weapons
  - Hazardous chemicals and radioactive materials used (plutonium/uranium) contaminated facilities and the environment
- Multi-program national laboratory with research and development programs in a broad range of scientific and technical fields

Large industrial vacuum system being used in the Canyon Floor of the Los Alamos "Acid Canyon" to remove high volumes of contaminated soil

Nevada Test Site (NTS)

- Historically used to conduct field testing of nuclear explosives in connection with research and development
  - Atmospheric testing (including zero yield tests and experiments) until 1962 – 100 total
  - Underground testing conducted until September 1992 – 828 total
- Current missions are National Security (Stockpile Stewardship and Homeland Security) and Environmental Management

NTS Environmental Management Projects

Septic tank removal at an Industrial Site in Area 6 of the NTS

- Environmental Restoration
  - Underground Test Area
  - Industrial Sites
  - Soils
- Waste Management
  - Low-Level Waste
  - Transuranic Waste

Oak Ridge Reservation (Tennessee)

Oak Ridge Reservation
(continued)

- Secretly established in east Tennessee during the early 1940's by the U.S. Army Corps of Engineers for the Manhattan project to produce enriched uranium which ceased in 1985
- Located in east Tennessee and comprised of several facilities
  - Oak Ridge National Laboratory conducts applied and basic research in energy technologies and the physical and life sciences
  - Y-12 National Security Complex used to dismantle nuclear weapons components and stores special nuclear materials
  - East Tennessee Technology Park will be closed in fiscal year 2009 for future use as a private-sector industrial park

Paducah Gaseous Diffusion Plant (Kentucky)

Paducah Gaseous Diffusion Plant
(continued)

- Located in rural western Kentucky near the Ohio and Mississippi rivers; sister-site to the Portsmouth plant in Piketon, Ohio
- Produced enriched uranium for the Federal Government and commercial nuclear power for 50 years
- Later used for low-enriched uranium production to fuel commercial nuclear power plants around the world
- Activities contaminated areas on-site and beyond site boundaries
- Transitioning to shared missions with environmental cleanup, waste management, depleted uranium conversion, deactivation and decommissioning, re-industrialization, and long-term stewardship

Portsmouth Gaseous Diffusion Plant (Ohio)

ENVIRONMENTAL MANAGEMENT PROGRAM

Portsmouth Gaseous Diffusion Plant
(continued)

- Located in Piketon, Ohio
- Established in 1954 to support expansion of highly-enriched uranium production for military reactors and nuclear weapons
- Later used for low-enriched uranium production to fuel commercial nuclear power plants around the world
- Uranium enrichment activities ceased in May 2001 (consolidated operations in Paducah)
- Current missions include decontaminating uranium feed material, cold-standby for uranium deposit removal, and other specialized support services
  - Safeguards and security, fire services and emergency management, analytical laboratory services, computing and telecommunications, and environmental monitoring

ENVIRONMENTAL MANAGEMENT PROGRAM

Savannah River Site (South Carolina)

ENVIRONMENTAL MANAGEMENT PROGRAM

Savannah River Site
(continued)

- Located in South Carolina on the Savannah River which borders Georgia; close to Augusta, Georgia and Aiken, South Carolina
- Constructed during the early 1950s to produce basic materials used to fabricate nuclear weapons, primarily tritium and plutonium-239
- Selected for new plutonium missions in 2000
  - MOX Fuel Fabrication Facility
  - Pit Disassembly and Conversion Facility
  - Plutonium Immobilization Facility
- Research laboratory designated as a national laboratory in 2004
- Environmental Management program addresses reduction of risks through safe stabilization, treatment, and disposition of legacy nuclear materials, spent nuclear fuel and waste

ENVIRONMENTAL MANAGEMENT PROGRAM

Hanford and Idaho Planned Transuranic Waste Retrieval

In late 2003, Hanford workers began retrieving drums containing low-level, mixed low-level, and transuranic waste that had been placed in trenches in the 1970s and 1980s

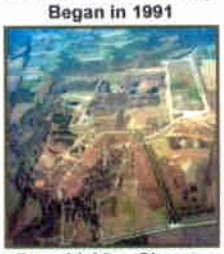
Waste drum retrieval at Idaho National Laboratory

ENVIRONMENTAL MANAGEMENT PROGRAM

EM Sites Working Together

- Sites offering essential complex-wide cleanup resources
  - Idaho National Laboratory – Central Characterization Facility for transuranic waste
  - Nevada Test Site – low-level and mixed low-level waste disposal
  - Oak Ridge – mixed waste treatment
  - Savannah River – transuranic waste consolidation in preparation for disposal at the Waste Isolation Pilot Plant
  - Waste Isolation Pilot Plant – transuranic/mixed transuranic waste disposal

Fernald Before Cleanup Began in 1991



Fernald After Cleanup Completed in 2006

EM Environmental Management
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ENVIRONMENTAL MANAGEMENT PROGRAM

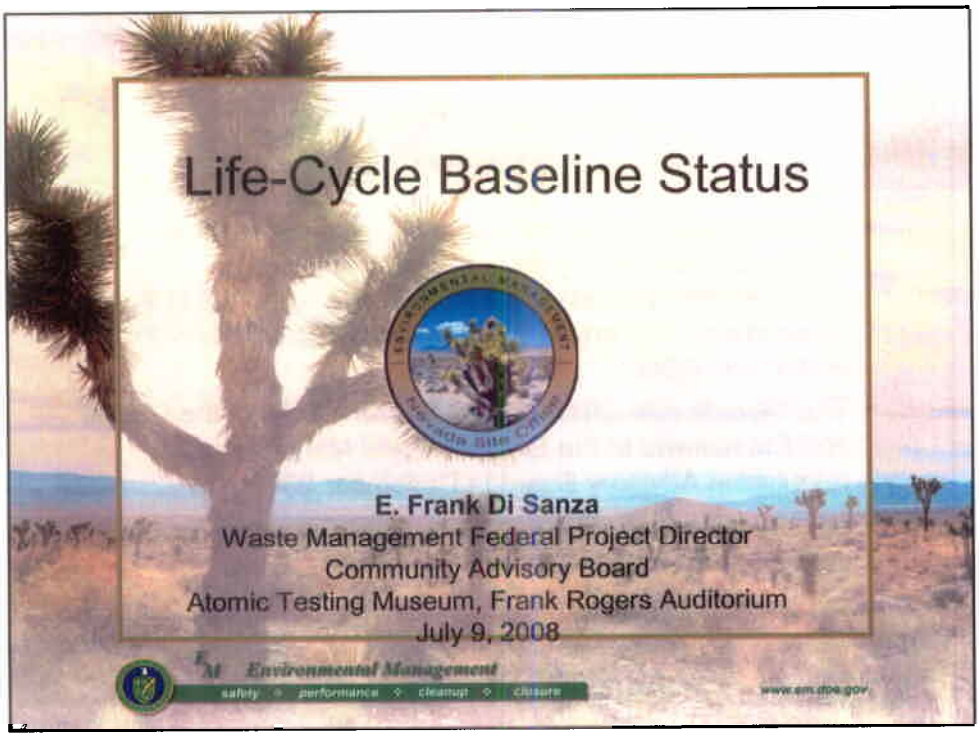
EM Progress

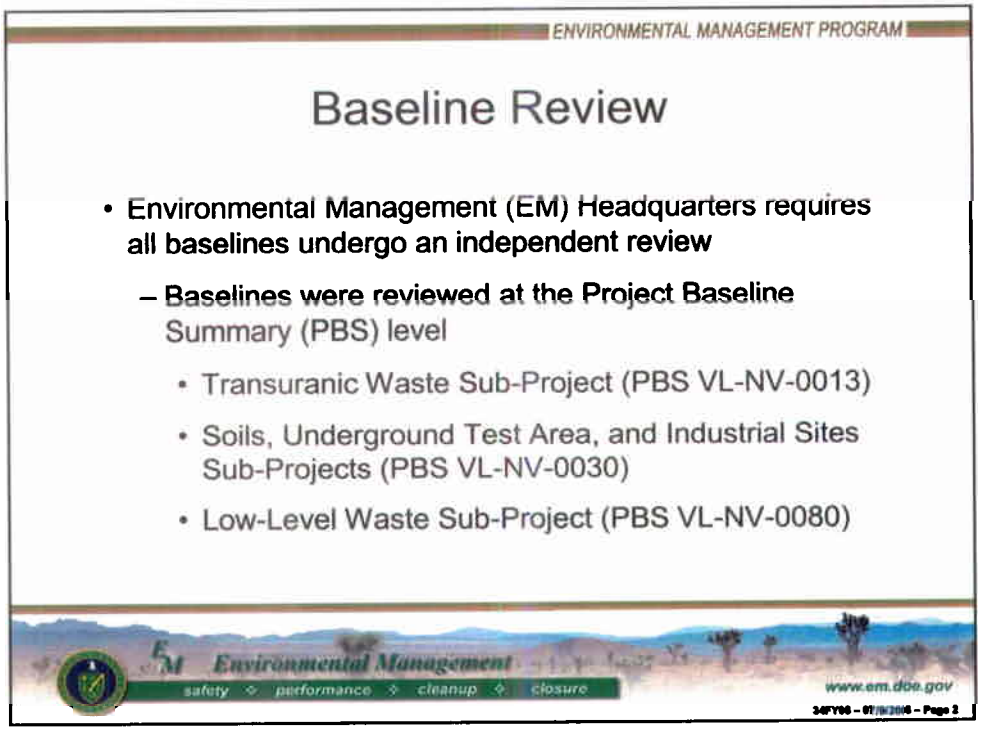
- Soil and groundwater remediation and D&D
  - Complete D&D of Idaho Test Area North in fiscal year 2008
  - Complete demolition of Hanford K-East basin in fiscal year 2008
  - Begin operations of enhanced groundwater remediation for hexavalent chromium at Hanford in fiscal year 2009
  - Demolish the west wing of the Oak Ridge K-25 processing facility in fiscal year 2009
- Site cleanup completions
  - Complete cleanup of four sites in fiscal year 2008 and two more in 2009

Rocky Flats Before Cleanup Completed

Rocky Flats After Site Cleanup Completed in 2006

EM Environmental Management
safety ◇ performance ◇ cleanup ◇ closure
www.em.doe.gov


Life-Cycle Baseline Status
E. Frank Di Sanza
Waste Management Federal Project Director
Community Advisory Board
Atomic Testing Museum, Frank Rogers Auditorium
July 9, 2008
Environmental Management
safety ◇ performance ◇ cleanup ◇ closure
www.em.doe.gov


ENVIRONMENTAL MANAGEMENT PROGRAM
Baseline Review
• Environmental Management (EM) Headquarters requires all baselines undergo an independent review
– Baselines were reviewed at the Project Baseline Summary (PBS) level
• Transuranic Waste Sub-Project (PBS VL-NV-0013)
• Soils, Underground Test Area, and Industrial Sites Sub-Projects (PBS VL-NV-0030)
• Low-Level Waste Sub-Project (PBS VL-NV-0080)
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Baseline Review
(continued)

- Reviews were conducted by the U.S. Department of Energy's Office of Engineering and Construction Management (OECM) (PBS VL-NV-0030) and the U.S. Department of Energy's EM Program (PBSs VL-NV-0013 and VL-NV-0080)
- The Nevada Site Office presented the results of the OECM and EM reviews to the Environmental Management Acquisition Advisory Board in December 2007
- NSO received letter from the Assistant Secretary for EM in January 2008 approving the NSO EM baselines

Life-Cycle Baseline Costs
($M)

Sub-Project (s) PBS#	Transuranic Waste (PBS VL-NV-0013)	Soils, UGTA, Industrial Sites (PBS VL-NV-0030)	Low-Level Waste (PBS VL-NV-0080)
Prior Years	78.9	570.8	61.9
Near-Term Baseline	18.9	362.4	108.6
Out-Year Planning Range	0	736.8	399.3
Total	97.8	1,670.0	569.8

Conclusion

- Proposed annual funding plan for the NSO work activities is consistent with the approved baselines
- NSO foresees no compliance issues with the current approved baselines and proposed funding levels

FULL BOARD MEETING MINUTES

May 14, 2008

Location: Atomic Testing Museum, Las Vegas, Nevada

CAB Members Present: David Hermann, Chair; Walter Wegst, Vice Chair; Bob Gatliff, Robert Johnson, Ted Oom, Stacy Standley, Hal Sullivan, Jim Weeks

CAB Members Not Present: Vernell McNeal, Jack Ramsey

Public Present: Kathy Bienenstein, Pahrump, NV; Bob Hoving, Henderson, NV; Bill Lindsey, Las Vegas, NV; John McGrail, Las Vegas, NV; Ted Schweitzer, Las Vegas, NV; Bonnie Swadling, Pahrump, NV

Liaisons Present: Bob Gamble, Nye County, Chris Andres (for Tim Murphy), Nevada Division of Environmental Protection

Technical Support Staff: Helen Neill, Ph.D., University of Nevada Las Vegas (UNLV), Department of Environmental Studies; Jennifer Ward, Graduate Student, UNLV

U.S. Department of Energy (DOE): Kelly Snyder, Deputy Designated Federal Officer (DDFO)

CAB Facilitator: Rosemary Rehfeldt, Navarro Research and Engineering, Inc.

Agenda

- Chair's Opening Remarks — Dave Hermann
  - Approval of Agenda
- Public Comment
- Committee Updates
  - EMPIRE — Walt Wegst
    - *Approval of Tonopah Test Range Fact Sheet Recommendation Letter*
    - *Approval of Industrial Sites Fact Sheet Recommendation Letter*
  - Outreach — Hal Sullivan
    - *Update on Committee Work Plan*
  - Transportation/Waste — Ted Oom
  - UGTA — Bob Gatliff
    - *Update on 4/3/08 UGTA Pahute Mesa Corrective Action Investigation Plan (CAIP) Meeting*
- Other CAB Business
  - Approval of Outreach Committee's FY 2008 Work Plan — Dave Hermann
  - NTS EIS – Supplement Analysis – for CAB comment — Dave Hermann
  - July 2008 Board meeting location, and committee meetings — Dave Hermann
  - Update on EM SSAB Chairs meeting in Richland, WA — Dave Hermann
  - DOE Update — Kelly Snyder
    - *NTS CAB Standard Operating Procedures Update*
    - *Hanford Advisory Board Letter – STCGs*
  - NSF Visitor Access & Emergency Response Accountability — Rosemary Rehfeldt

- April and May State of Nevada Notification — Rosemary Rehfeldt
  - Corrective Actions for CAU134 – submittal 5/31/08
  - Corrective Actions for CAU 107 – submittal 6/18/08
- Meeting Wrap-Up / Assessment — Rosemary Rehfeldt

Approval of Agenda

Dave Hermann asked for a motion for approval of the meeting agenda. Ted Oom moved for approval, seconded by Hal Sullivan. Motion passed unanimously.

Public Comment

No comment.

Committee Updates:

Environmental Management Public Information Review Effort (EMPIRE) Committee:

Walt Wegst, committee Chair, informed the Board that there were two CAB recommendation letters, created by the EMPIRE Committee, for Full Board approval. The first letter pertains to updates and revisions to the fact sheet for the Tonopah Test Range. The second letter pertains to updates and revision to the fact sheet for the Industrial Sites Sub-Project. Both letters were electronically sent to the Board for review prior to the Full Board meeting. Jim Weeks moved for approval of both recommendation letters, seconded by Stacy Standley. Motion passed unanimously.

Dr. Wegst informed the Board that all of EM's fact sheets have been reviewed and updated by the committee. He also told the Board that the committee's next project is to review the EM videos. Each committee member will receive the videos, recorded on DVD, to review and discuss at upcoming EMPIRE Committee meetings.

Outreach Committee:

Hal Sullivan, committee Chair, informed the Board that the Outreach Committee held a meeting just prior to the Full Board meeting and created their committee's fiscal year (FY) 2008 Work Plan. He outlined the Work Plan, for the Board's approval, as follows:

- Review and analyze DOE EM's *Operation Clean Desert* children's display, activity book and CD.
- Review the Oak Ridge Site Specific Advisory Board *Stewardship Education Resource Kit*
- Explore the possibility of creating and distributing an electronic CAB newsletter

Stacy Standley moved, seconded by Jim Weeks, to approve the Outreach Committee FY 2008 Work Plan. Motion passed unanimously.

Mr. Sullivan briefly explained that the Outreach Committee's overall goal is to research, discuss, and make recommendations to the Board on initiatives for the DOE NSO's Environmental Management public involvement outreach program, for consideration by DOE.

Transportation/Waste Committee:

Ted Oom, committee Chair, reminded the Board that DOE Nevada Site Office (NSO) is currently preparing to conduct a waste transportation route study. He asked Kelly Snyder when the study would be complete, and was told that an end date has not been established yet. Robert Johnson pointed out

that the Desert Research Institute's transportation study covered the transport of low-level waste along Nevada Route 160. Mr. Johnson suggested that the Transportation/Waste Committee develop a specific list of parameters to include in the updated study such as: all roads, increased traffic, schools, day care centers, hospitals, fire stations, etc.

Mr. Oom asked for U.S. Department of Transportation (DOT) route requirements. Ms. Snyder reminded the Board of the fact that the DOE and Nevada Test Site (NTS) have no authority to regulate transportation routes.

Mr. Oom also asked about transuranic (TRU) waste shipments, and whether the NSO follows WIPP transportation guidelines. Dr. Helen Neill offered to conduct a literature search at UNLV for journal articles on guidelines for waste shipments to the Waste Isolation Pilot Plan (WIPP) near Carlsbad, New Mexico.

Mr. Oom asked Chris Andres if the State of Nevada is involved in determining or regulating radioactive waste shipping routes. Ms. Andres said she did not know the answer, but would find out and report back to the Board.

The CAB Office will send out an e-mail to the committee with links for DOT requirements, as well as a copy of the DOT Guidelines for Selecting Preferred Highway Routes for Highway Route Controlled Quantity Shipments of Radioactive Materials.

Underground Test Area (UGTA) Committee:

Because there were members of the public present, Mr. Bob Gatliff, Committee Chair, began by explaining how the CAB was given the opportunity by the DOE to recommend one well siting at the Nevada Test Site. The CAB submitted its well recommendation reports and letter to the DOE in September, 2007.

Consequently, two members of the CAB's UGTA Committee have been invited to participate with the UGTA Technical Working Group (TWG) in the Pahute Mesa Corrective Action Investigation Plan (CAIP) meetings. Both Bob Gatliff and Engelbrecht von Tiesenhausen (CAB Alumni member) have been attending these meetings. Mr. Gatliff explained that the purpose of these meetings was to scope out the work plan for the second phase of the two phase study of groundwater contamination on the NTS from nuclear testing, and the groundwater movement and pathways. The purpose of the two phase study is to determine if radioactive contaminated water will flow off of the NTS, where, and when. Each meeting's objective is listed below:

- The first meeting was a brainstorming session to identify potential study activities and their purpose
- The second and third meetings created a ranking, or prioritization, of the proposed activities
- The last three meetings have explored the preferred siting (drill sites) of the holes to be drilled for the purpose of providing information on geology, stratigraphic structures, hydrology, water flow paths, possible water contamination by radionuclides, and for future use as monitoring wells to detect radioactive contamination
- The last CAIP meeting was devoted to a ranking of proposed drill holes in order of most importance and beneficial to the study of contaminant movement and contaminant boundaries, and a ranking of preferred order of drilling the proposed wells.

Mr. Gatliff went on to explain that the number of proposed wells, 10 or 12 wells, may be spread over three years due to budget restraints and the increased cost of drilling brought about by the high demand for drill rigs that has accompanied the high price of oil.

The project schedule for the future is: Drilling – April 2009-April 2010; Well Testing – February 2012-March 2013; Lab Studies – November 2012-August 2014.

Suggested reading for potential new CAB members interested in joining the UGTA Committee was presented to provide them with background information on the current activities of this committee.

Other CAB Business

- **NTS Environmental Impact Statement (EIS) Supplement Analysis – for CAB comment:** Dave Hermann brought up the next topic on the agenda – the NTS EIS Supplement Analysis – and reminded the CAB that they were to be prepared to discuss and submit comments for CAB recommendation to DOE. Ms. Snyder told the Board that their comments need to pertain to EM portions of the document. The Board unanimously agreed that more time was needed for document review. Rosemary Rehfeldt told the Board that she would need all comments submitted to the CAB Office by Thursday, May 22, 2008.

  Dave Hermann and Walter Wegst asked for the power, when reviewing the CAB's comments, to strike out comments that did not pertain to EM. Stacy Standley moved, seconded by Jim Weeks, to have additional review time, comments submitted, via e-mail, to the CAB Office by May 22nd, and for Dave and Walt to strike out any comments that do not relate to EM. Motion passed unanimously.

- **July Board Meeting Location:**
  Meeting attendees were informed that the next CAB Full Board meeting will be held on July 9, 2008, in Las Vegas, Nevada. The meeting will take place at the Atomic Testing Museum, Frank Rogers Auditorium at 755 E. Flamingo, and will begin at 5:00 p.m. The Board requested a overview briefing on the EM Complex.

- **DOE Update:**
  Kelly Snyder referenced the EM Monthly Report to the CAB for May 2008 and asked the Board if they had any questions on the report. There were no comments or questions.

  Ms. Snyder told the Board that a copy of the CAB's Standard Operating Procedures (SOPs) was included in their packet. The Board was informed that the SOPs have been revised with respect to the number of days the Chair and DDFO have to certify the accuracy of meeting minutes. This has changed from 90 days to 45 days. This change will be reflected on pages five and nine of the SOPs. Therefore, meeting minutes for Board approval will no longer be included in the Bi-Monthly Full Board meeting packets. Board approval will be done via e-mail.

  Ms. Snyder also informed the Board that their meeting packet included a letter from the Hanford Advisory Board (HAB) to Mr. James Rispoli, at DOE Headquarters, regarding Site Coordination Technology Groups (SCTGs). In essence, the letter explains that, during the 1990s, the DOE complex employed SCTGs that worked to communicate technology issues among the site projects, providing a forum for communication between other DOE sites, EM Headquarters, and technology providers. The HAB believes that, since the SCTGs were eliminated in 2003, the Board saw a loss of momentum and coordination for addressing the identified needs of the Hanford Site. The letter asks Mr. Rispoli if he would consider bringing the SCTGs back into the EM program.

- **CAB Office Update:**
  Rosemary Rehfeldt updated the CAB on the DOE's Nevada Support Facility (NSF) Visitor Access and Emergency Response Accountability requirements. These requirements apply when CAB members are visiting the NSF for a CAB-related meeting or function.

- **April and May State of Nevada Notification:**
  A Notification for Corrective Actions, dated May 7, 2008, was included in the Board meeting packets. The DOE will submit a final Corrective Action Decision Documents (CADDs), CADD/Corrective Action Plans (CAPs), CADD/Closure Reports (CRs), or Streamlined Approach for Environmental Restoration (SAFER) Work Plans, proposing closure-in-place to the Nevada Division of Environmental Protection (NDEP) for the following Corrective Action Units (CAUs):

CAU Number	CAU Description	Approximate Submittal Date
o CAU 135	Aboveground Storage Tanks	May 31, 2008
o CAU 107	Low Impact Soil Sites	June 18, 2008

  Comments regarding these decision documents are to be submitted to Tim Murphy (NDEP) within 30 days of the document's release. If needed, Rosemary Rehfeldt will provide the Board with additional information on the Corrective Action report.

  Additionally, a list of all documents submitted to the Public Reading Room within the last 30 days is included in this Notification. They are as follows:

CAU Number	CAU Description	Document	Approximate Submittal Date
o CAU 190	Contaminated Waste Sites	CADD/CR	April 4, 2008

  Requests for documents can be made to Rosemary Rehfeldt at the CAB Office.

With all CAB business concluded, Dave Hermann put forth a request for motion to adjourn. Hal Sullivan moved, seconded by Ted Oom, to adjourn the meeting. Motion passed unanimously.

Meeting adjourned at 7:15 P.M.

It's Election Season!

Elections of the fiscal year 2009 CAB Chair and Vice-Chair will take place at the September Full Board meeting. **Please contact Rosemary by September 1 and tell her if you would or would not like to be considered for either position. A response is needed from all.** You can also nominate someone who you feel would be a valuable chair/vice-chair. Anyone nominated will be contacted to ensure they accept the nomination. A list of interested members will be provided to the Full Board and the officers will be elected via ballot at the September Full Board Meeting

Committee chairs and vice-chairs will be determined by each committee during the September Full Board meeting. Therefore, nominations are not necessary for committee positions.

What is the Chair of the CAB responsible for?

- Serves as the Chair for 12 months (October 1 – September 30)
- Ensures that a diversity of viewpoints are considered in all Board discussions
- Support the Board in a balanced and unbiased manner, irrespective of any personal views on a particular issue
- Ensures that all Board members have the opportunity to express their views
- Assists in the development of draft meeting agendas
- Certifies to the accuracy of all minutes within 45 days
- Signs recommendations that the Board has passed by consensus/majority.
- Serves between regular meetings of the Board as spokesperson for the CAB
- Upon passage by the Board, signs recommendations conveyed to EM in writing within fifteen (15) calendar days
- Attends national Site-Specific Advisory Board meetings and/or workshops semi-annually
- Adheres to all other standard CAB member responsibilities (i.e. be active on at least one committee, attendance requirements, etc)

What is the Vice-Chair of the CAB responsible for?

- Ensures that a diversity of viewpoints are considered in all Board discussions
- Supports the Board in a balanced and unbiased manner, irrespective of any personal views on a particular issue
- Acts as the CAB chair when the elected chair is unavailable
- Attends national Site-Specific Advisory Board meetings and/or workshops semi-annually
- Adheres to all other standard CAB member responsibilities (i.e. be active on at least one committee, attendance requirements, etc)

All CAB Members need to contact Rosemary by September 1 and express if they would or would not like to be considered for the 2009 CAB Chair and Vice Chair.

NTSCAB - COMMITTEE ROSTERS FY 2008

Board Chair: David Hermann
Board Vice Chair: Walter Wegst

BUDGET COMMITTEE

Jack Ramsey, Chair
Bob Gatliff, Vice Chair
Dave Hermann
Robert Johnson
Bill Lindsey
Hal Sullivan
Jim Weeks

EMPIRE COMMITTEE

Walt Wegst, Chair
Vernell McNeal, Vice Chair
Kathleen Bienenstein
Joe Boylan
Bob Gatliff
Lee Geiser
Stacy Standley

MEMBERSHIP COMMITTEE

Jack Ramsey, Chair
Bob Gatliff, Vice Chair
Dave Hermann
Vernell McNeal
Stacy Standley
Walt Wegst

OUTREACH COMMITTEE

Hal Sullivan, Chair
Joe Boylan
Lee Geiser
Vernell McNeal
Helen Neill (Staff-Technical Advisor)
Genne Nelson (Liaison)
Ron Salzano
Herb Spiegel
Jennifer Ward (UNLV Graduate Student)
Walt Wegst

TRANSPORTATION/WASTE COMMITTEE

Ted Oorm, Chair
Robert Johnson, Vice Chair
Kathleen Bienenstein
Bob Gamble (Liaison)
Dave Hermann
Bill Lindsey
John McGrail
Helen Neill
Hal Sullivan
Walt Wegst

UGTA COMMITTEE

Bob Gatliff, Chair
Jim Weeks, Vice Chair
Kathleen Bienenstein
Bob Gamble (Liaison)
Dave Hermann
Bob Hoving
Robert Johnson
John McGrail
Helen Neill (Staff-Technical Advisor)
Genne Nelson (Liaison)
Ted Schweitzer
Engelbrecht von Tiesenhausen (Alumni)
Jennifer Ward (UNLV Graduate Student)
Walt Wegst

7/9/2008

Environmental Management's Monthly Report to the CAB
July 2008

Low-Level Waste (LLW):
Completed Activities (June)

- The Nevada Site Office (NSO) conducted three (3) impromptu Radioactive Waste Acceptance Program (RWAP) Facility Evaluations (FE). These evaluations were conducted at the Y-12 Plant in Oak Ridge, Tennessee; the Advanced Mixed Waste Project in Idaho; and the Portsmouth Gaseous Diffusion Plant in Ohio. In addition, RWAP conducted a certification audit of EnergX in Oak Ridge, Tennessee.
- As of June 29, 2008, 669,845 ft^3 of LLW in 769 shipments was disposed at the Nevada Test Site (NTS) during FY 2008.
- As of June 29, 2008, 30,206 ft^3 of mixed LLW in 63 shipments was disposed at the NTS during FY 2008.
- LLW Operations has worked 386,543 hours since its last lost-time accident (September 2003).
- On June 10-12, 2008, the Federal Waste Management Project Director attended the LLW Corporate Board Meeting in Oak Ridge, Tennessee. The purpose of the meeting was to update the Board on LLW disposal issues.
- In June 12, 2008, the Nevada Test Site received a Portsmouth LLW container for waste disposal. During a routine inspection, a puncture in the container was found. On June June 16, 2008 the waste container was returned to Portsmouth. As a result, the Nevada Site Office (NSO) temporarily suspended the Portsmouth Waste Certification Official (WCO) and Alternate WCO's signature authority to approve LLW shipments to the Nevada Test Site (NTS) and issued a Corrective Action Request. On June 24, 2008, Portsmouth opened the returned container at its site (the NSO Federal LLW Sub-Project Director and RWAP were present). Portsmouth determined (and the NSO concurred) the puncture occurred during loading operations at Portsmouth, and the Portsmouth WCO failed to identify the punctured container before shipping it to the NTS. As a result, the Portsmouth WCO and Alternate WCO were relieved of their WCO duties.. Additionally, Portsmouth hired a replacement WCO from the Fernald Closure Project in Ohio. Portsmouth is still planning further corrective actions to ensure this issue will not reoccur. At this time, Portsmouth is unable to ship this waste stream to the NTS until RWAP lifts its Corrective Action Request.

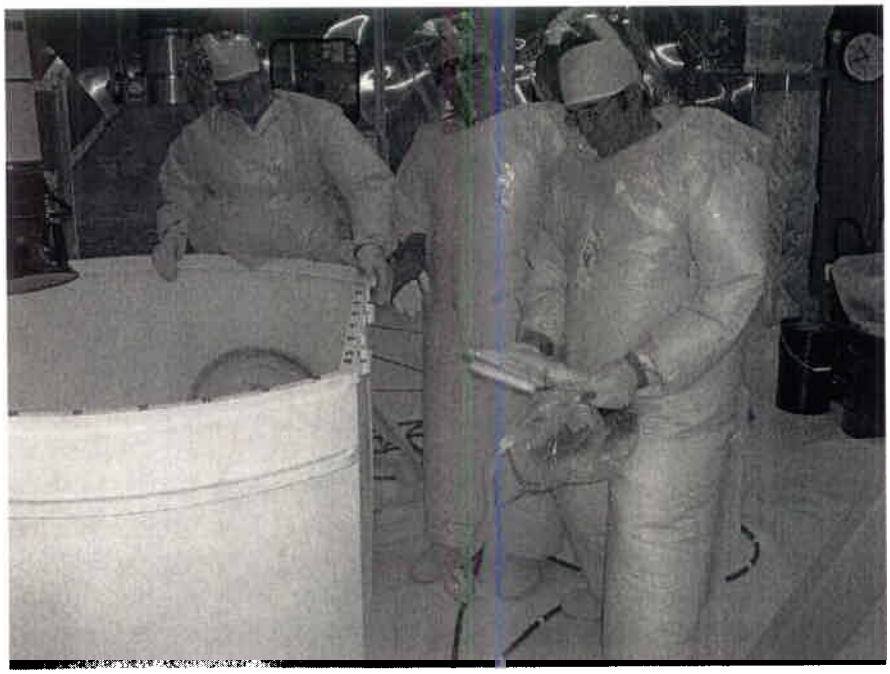
Expectations (July)

- Expect to receive 175,000 ft^3 of LLW and MLLW for disposal.
- The LLW Sub-Project expects to conduct two (2) RWAP Mixed Waste Verifications and one (1) impromptu surveillance. The Los Alamos audit schedule for July has been postponed until the first quarter in Fiscal Year 2009 (note: Los Alamos's Nevada Test Site Waste Acceptance Criteria certification has been suspended since May 2007 and as a result cannot ship LLW to the NTS unless it uses another approved generators program).

Transuranic Waste (TRU)
Completed Activities (June)

- Met with the Carlsbad Field Office on June 4, 2008 to ensure the repackaging process inside the VERB will comply with the Carlsbad Field Office guidance, and discuss a tentative schedule for shipment of remaining legacy TRU waste to the Idaho National Laboratory (INL) consolidation site for certified characterization and shipment to the Waste Isolation Pilot Plant (WIPP). It is anticipated that TRU shipments will take place in November - December 2008 to INL.

- The Visual Examination Repackaging Building (VERB) Addendum to the Area 5 Radioactive Waste Management Complex Documented Safety Analysis and Technical Safety Requirements, which incorporates the oversized box size reduction activities, was approved by the Nevada Site Office on June 13, 2008.
- Area 5 Operations personnel began to train inside the VERB using supplied breathing air for size reduction and repackaging operations.



Expectations (July)

- Complete the Management Self Assessment (MSA) and the Contractor Operational Readiness Review (CORR) to ensure facilities readiness to begin size reduction and repackaging of TRU waste inside the VERB.

Industrial Sites:

Accomplishments (June)

- Corrective Action Unit (CAU) 90, Area 2 Bitcutter Containment
  - Completed Post-Closure Inspection
- CAU 92, Area 6 Decon Pond Facility
  - Completed Post-Closure Inspection
- CAU 110, Area 3 Waste Management Disposal U-3ax/bl Crater
  - Completed Post-Closure Inspection
- CAU 112, Area 23 Hazardous Waste Trenches
  - Completed Post-Closure Inspection
- CAU 117, Area 26 Pluto Disassembly Facility
  - Continued decontamination & decommissioning fieldwork
- CAU 130, Storage Tanks
  - Submitted the Final Streamlined Approach for Environmental Restoration (SAFER) Plan to the Nevada Division of Environmental Protection (NDEP) for approval
- CAU 134, Aboveground Storage Tanks

    - Received NDEP approval for the Final SAFER Plan
- CAU 234, Mud Pits, Cellars, and Mud Spills
    - Received NDEP approval for the Final Corrective Action Decision Document/Closure Report (CADD/CR)
- CAU 556, Dry Wells and Surface Release Points
    - Began CADD/CR closure field work
- Submitted the Final Post-Closure Inspection Report for CAUs on the Tonopah Test Range to NDEP for approval

Planned (July)

- CAU 117, Area 26 Pluto Disassembly Facility
    - Continue the decontamination & decommissioning fieldwork
- CAU 130, Storage Tanks
    - Receive NDEP approval for the Final SAFER Plan
- CAU 556, Dry Wells and Surface Release Points
    - Continue CADD/CR closure field work
- CAU 557, Spills and Tank Sites
    - Submit the Final Corrective Action Investigation Plan (CAIP) to NDEP for approval
- CAU 561, Waste Disposal Areas
    - Submit the Final CAIP to NDEP for approval
- Receive NDEP approval for the Final Post-Closure Inspection Report for CAUs on the Tonopah Test Range

Underground Test Area (UGTA)

Completed (June)

Frenchman Flat

Comment responses were initiated on the Draft Phase II Transport Model Report.
Classified source term modeling was initiated.

Pahute Mesa

Nothing new to report.

Yucca Flat

Installed electric submersible sampling pump in well UE-2ce (Nash) and began purging the well.

Rainier Mesa/Shoshone Mountain

Phase I Flow Model Analysis and Evaluation was initiated.
The Modeling Approach Strategy Document was finalized on June 6.
Completed the monitoring report for ER-16-1.

Expectations (July)

Frenchman Flat

Lifecycle baseline planning will be complete and FY 2009 planning initiated.

Pahute Mesa

Begin land and ecological surveys of new well sites on Pahute Mesa.

Yucca Flat

Complete pumping and sampling of the UE-2ce well (Nash).

Rainier Mesa/Shoshone Mountain

Sampling will be performed at Wells ER-12-3 and ER-12-4.
Complete camera runs in U-12n vent holes.

Soils:

Completed Activities (June)

- Initiated the characterization work for CAU 370.
- Responded to comments from NNSA-ABQ and NDEP on CAU 107 Streamlined Approach for Environmental Restoration (SAFER) Plan for the low impact soil sites. NNSA-ABQ comments have been resolved and the NDEP comments are in the resolution process.
- Continue the preliminary assessments of remaining soil sites.

Expectations (July)

- Resolve remaining comments on CAU 107 SAFER Plan for the low impact sites
- Submit the Final SAFER Plan for CAU 107, low impact sites.
- Complete the field characterization work for CAU 370, T-4 Atmospheric test sites.
- Continue the preliminary assessments of remaining soil sites.

Public Involvement:

Completed Activities (June)

- Delivered and set-up the Groundwater Poster Display at Beatty Public Library, including fact sheets/brochures (approximate one month duration)
- Delivered and set-up the Transportation Poster Display and Transportation Drum Display at Amargosa Valley Public Library, including fact sheets/brochures (approximate one month duration)

Expectations (July)

- Deliver, set up and staff the Environmental Management Operation Clean Desert Display and related materials (July 2) for the two Community Advisory Board (CAB) committee meetings.
- Participate in the July 9, 2008 CAB Full Board meeting at 755 E. Flamingo Rd in Las Vegas, NV.

Community Advisory Board
For Nevada Test Site Programs

Revised Attendance Requirements

September 12, 2007

Members must attend at least 50% of all Full Board meetings. Any member who fails to attend two (2) Full Board meetings without an excused absence, or does not attend a minimum of 50% of the regularly-scheduled meetings in a calendar year (regardless of excused or unexcused status), shall be removed from the Board. An absence is excused if notice is provided to the CAB administrative support personnel prior to the scheduled meeting. This notice of absence must be provided each month that an excused absence is needed. If a call-in number is provided, a member may call in to attend the meeting. However, attendance in person is strongly encouraged.

CAB MEETING ATTENDANCE

Bi-Monthly Full Board Meetings

January 2008 through December 2008

Name	1/10/08	3/11/08	5/14/08	7/9/08	9/00/08	11/00/08	Maximum Terms Limit
Paul Adras	U	U	RM	RM	RM	RM	Removed
Kathleen Bienenstein	N/A	√ N/A	√ N/A				May 21, 2014
Joe Boylan	N/A	N/A	N/A				May 21, 2014
Bob Gatliff	√	√	√				August 10, 2010
Lee Geiser	N/A	√ N/A	√ N/A				May 21, 2014
Bob Hoving	N/A	√ N/A	√ N/A	RS	RS	RS	Resigned
David Hermann	√	√	√				August 10, 2010
Robert Johnson	√	√	√				June 1, 2012
Bill Lindsey	N/A	√ N/A	√ N/A				May 21, 2014
John McGrail	N/A	√ N/A	√ N/A				May 21, 2014
Vernell McNeal	√	E	√				June 1, 2012
Ted Oom	√	√	√				June 1, 2012
Jack Ramsey	E	√	E				August 10, 2010
Ron Salzano	N/A	N/A	√ N/A				May 21, 2014
Ted Schweitzer	N/A	√ N/A	√ N/A				May 21, 2014
Herb Spiegel	N/A	√ N/A	N/A				May 21, 2014
Stacy Standley	√	E	√				June 1, 2012
Hal Sullivan	E	√	√				June 1, 2012
Jim Weeks	E	E	√				June 1, 2012
Walt Wegst	√	√	√				June 1, 2012

Key:

√ = Present

Blue Cell = Absent → E = Excused U = Unexcused

N/A = Attendance Requirements Not Applicable - New Recruit

RM = Removed

RS = Resigned

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CAB OFFICE HOURS:

MONDAY - THURSDAY
7:30 A.M. - 4:30 P.M.

Public Notification of Corrective Actions
June 4, 2008
Las Vegas, Nevada

The Department of Energy (DOE) will be submitting the following Corrective Action Unit (CAU) final Corrective Action Decision Documents (CADDs), CADD/Corrective Action Plans (CAPs), CADD/Closure Reports (CRs), or Streamlined Approach for Environmental Restoration (SAFER) Work Plans, proposing closure-in-place to the Nevada Division of Environmental Protection (NDEP), during the next 60 days. These documents will recommend a closure-in-place strategy in which engineering and/or administrative controls will be used to close the sites although contamination remains.

When submitting these documents to NDEP, copies will be supplied to the Las Vegas and Carson City Public Reading Rooms for review. The Community Advisory Board (CAB) may request copies of the documents by contacting the CAB office at **ntscab@nv.doe.gov.** Submit comments regarding a decision document to Tim Murphy (NDEP) at **TMurphy@ndep.nv.gov** within 30 days of the document's release. Public Reading Room addresses are listed below.

CAU Number	CAU Description	Document	Approximate Submittal Date
107	Low Impact Soil Sites	SAFER Plan	6/30/08

Additionally, the following is a list of all documents submitted to the Public Reading Rooms during May 2008.

CAU Number	CAU Description	Document	Submittal Date
545	Dumps, Waste Disposal Sites, and Buried Radioactive Materials	CADD/CR	5/12/08
151	Septic Systems and Discharge Area	CR	5/12/08
370	T-4 Atmospheric Test Site	Corrective Action Investigation Plan (CAIP)	5/21/08

Southern Nevada Public Reading Facility
c/o Nuclear Testing Archive
775 East Flamingo Road
Las Vegas, NV 89119

Northern Nevada Public Reading Facility
Nevada State Library and Archives
100 N. Stewart Street
Carson City, NV 89701-4285

Public Notification of Corrective Actions
July 2, 2008
Las Vegas, Nevada

The Department of Energy (DOE) will be submitting the following Corrective Action Unit (CAU) final Corrective Action Decision Documents (CADDs), CADD/Corrective Action Plans (CAPs), CADD/Closure Reports (CRs), or Streamlined Approach for Environmental Restoration (SAFER) Work Plans, proposing closure-in-place to the Nevada Division of Environmental Protection (NDEP), during the next 60 days. These documents will recommend a closure-in-place strategy in which engineering and/or administrative controls will be used to close the sites although contamination remains.

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CAU Number	CAU Description	Document	Approximate Submittal Date
107	Low Impact Soil Sites	SAFER Plan	8/15/08

Additionally, the following is a list of all documents submitted to the Public Reading Rooms during June 2008.

CAU Number	CAU Description	Document	Submittal Date
234	Mud Pits, Cellars, and Mud Spills	CADD/CR	6/24/08
560	Septic Systems	Corrective Action Investigation Plan (CAIP)	6/24/08

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