



**DRAFT AGENDA
FULL BOARD MEETING
Beatty Community Center
100 A Avenue S., Beatty, NV 89003
March 11, 2008 - 6:00 p.m.**

No Call-In Number Available

- | | | |
|------|--|--|
| I. | Chair's Opening Remarks: <ul style="list-style-type: none">• Agenda Approval | Dave Hermann, Chair |
| II. | Public Comment | |
| III. | Presentation: <i>UGTA Committee Reports</i> <ul style="list-style-type: none">• <i>Nevada Test Site Well Recommendations</i> | Genne Nelson |
| IV. | Committee Updates: <ul style="list-style-type: none">• Budget<ul style="list-style-type: none">○ <i>Approval of Budget Prioritization Recommendation Letter</i>• EMPIRE<ul style="list-style-type: none">○ <i>Approval of Groundwater Fact Sheet Recommendation Letter</i>○ <i>Approval of UGTA Question & Answers Brochure Recommendation Letter</i>• Membership<ul style="list-style-type: none">○ <i>Update on proposal for new recruits</i>• Outreach• Transportation/Waste• UGTA<ul style="list-style-type: none">○ <i>Update on 2/7/07 and 3/5/08 UGTA CAIP Meetings</i> | Bob Gatliff
Walt Wegst

Jack Ramsey

Hal Sullivan
Ted Oom
Bob Gatliff |
| V. | Other CAB Business: <ul style="list-style-type: none">• Approval of January 10, 2008 Minutes• Paul Adras membership status• May 2008 Board meeting location, and committee meetings• CAB Overview meeting information – April 9, 2008• Nevada Test Site – all-day tour information – May 7, 2008• DOE Update<ul style="list-style-type: none">○ <i>DOE's response to CAB's Recommendation Letter regarding the FFACO Public Involvement Plan</i>○ <i>DOE's response to CAB's request for comment resolution on recommendation letters (EMPIRE Committee)</i> | Dave Hermann, Chair
Dave Hermann, Chair
Dave Hermann, Chair
Rosemary Rehfeldt
Rosemary Rehfeldt
Kelly Snyder, DOE |
| VI. | February and March State of Nevada Notification <ul style="list-style-type: none">• Closure Report for CAU 145, submittal 3/31/08 | Rosemary Rehfeldt |
| VII. | Meeting Wrap-Up / Assessment | Rosemary Rehfeldt |



Community Advisory Board (CAB)
for
Nevada Test Site Programs

U.S. Department of Energy
Underground Test Area (UGTA)
CAB WELL SITE
RECOMMENDATIONS

Presented At:
CAB Full Board Meeting
Amargosa Valley, NV
March 11, 2008



What's the Issue?

Historic nuclear testing (1951-1992)
contaminated groundwater at the
Nevada Test Site

- 828 underground nuclear tests
- Depths ranged from ~90' to 4,800'
- One-third occurred near or below
the water table, which resulted
in groundwater contamination.

CAB Concern:

*Potential for off-site migration of
contaminated groundwater. . . . is
there a strategy in place to
adequately protect down gradient
communities?*

Monitoring Network



CAB **Key FFACO Requirements**

1. Identify where radiological risks may exist in groundwater
2. Predict the movement of potentially contaminated groundwater
3. Define the extent of potential migration

CAB **Underground Test Area (UGTA) Corrective Action Units (CAUs)**

CAB **CAB Response to Peer Review**

Letter to DCE supporting findings and emphasizing remaining key concerns:

- The site must demonstrate an early commitment to monitoring
- More data is needed to reduce uncertainties in northwest Pahule Mesa
- It is imperative to understand groundwater flow paths
- Site should consider siting sentries within transition zone flow paths
- Predictions must be validated by field data



Primary Question

- ✓ Will the UGTA strategy reveal the location of contaminants before they show up in someone's private well?



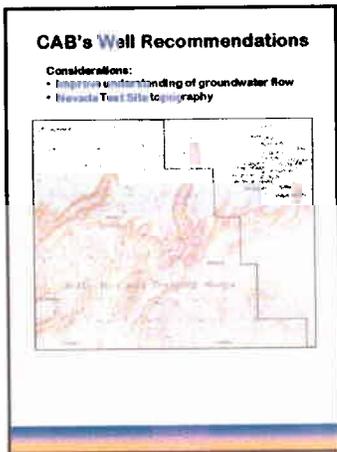


Narrowing the Focus

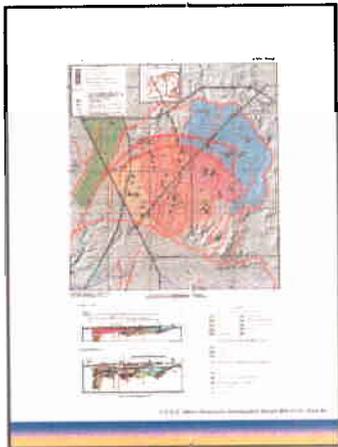
- ✓ Size of underground tests
- ✓ Highest groundwater gradient at the NTS
- ✓ Closest private property
- ✓ Potential fast paths for contaminant migration
- ✓ Peer review noted the need for more data

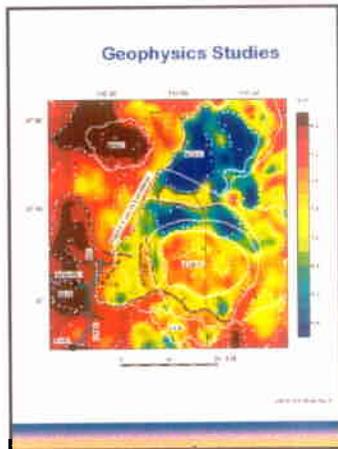


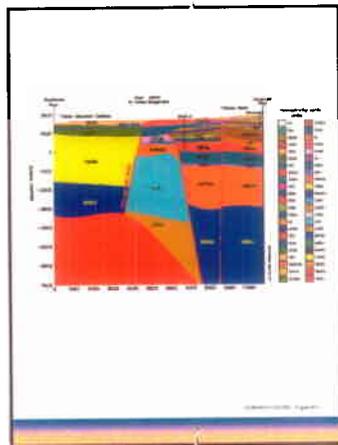




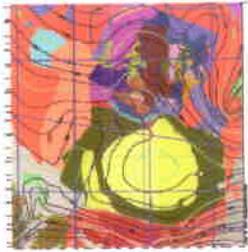




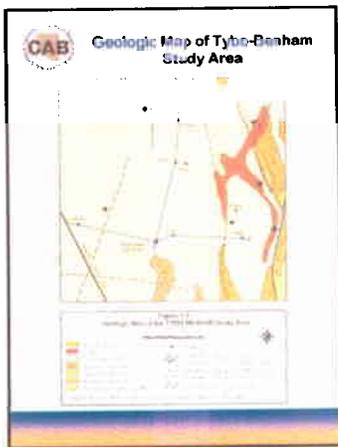


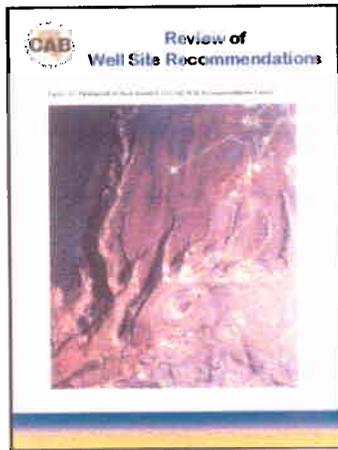


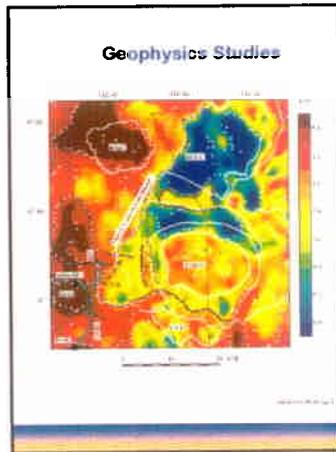
Geology at Groundwater Surface

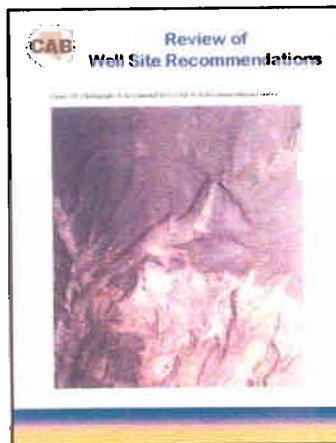














Path Forward

- August 2007: Presentation to the UGTA Technical Working Group
- The UGTA project is funded to drill additional wells during 2009-2010; two seats on the TWG are available for CAB members during planning
- The CAB UGTA Committee will consider additional well-site recommendations
- Continued review and input to the stages of the UGTA program as it proceeds toward ultimate installation of long-term monitoring wells

Thanks to residents of Amargosa, Beatty and Pahrump who provided comments and suggestions to the CAB



Community Advisory Board for Nevada Test Site Programs

Members

David Hermann, CAB Chair
Walter Wegst, Ph.D., CAB Vice-Chair
Chair, EMPIRE Committee

Paul Adras
Robert Gatliff, Chair
Underground Test Area (UGTA) Committee
Robert Johnson
Vernell McNeal
Theodore Oom, Chair
Transportation/Waste Committee
Jackson Ramsey, Ph.D., Chair
Budget Committee
Membership Committee
Stacy Standley
Harold Sullivan
James Weeks

Liaisons

Genne Nelson
U.S. National Park Service
Stephen Mellington
*U.S. Department of Energy,
Nevada Site Office*
Tim Murphy, Chief
*Bureau of Federal Facilities,
State of Nevada Division of
Environmental Protection*
Robert Gamble
*Nye County Nuclear Waste
Repository Office*

Administration

Rosemary Rehfeldt
Navarro Research & Engineering, Inc.
Kelly Snyder
*U.S. Department of Energy,
Nevada Site Office*

March 3, 2008

DRAFT

Ms. Janet Appenzeller-Wing
Acting Assistant Manager for Environmental Management
U.S. Department of Energy, Nevada Site Office
P.O. Box 98510
Las Vegas, NV 89193-8518

SUBJECT: Community Advisory Board for Nevada Test Site Programs (CAB) -
Recommendations for Fiscal Year (FY) 2010 Budget Prioritizations

Dear Ms. Appenzeller-Wing:

The CAB Budget Committee has completed its annual review and prioritization of the U.S. Department of Energy Nevada Site Office (DOE NSO) Environmental Management (EM) projects for the FY 2010 budget submittal. The committee presented its recommendations to the Full Board at its March 11, 2008 meeting, where they were approved.

Last year the Board reviewed and prioritized four EM technical sub-projects. This year the Board also considered four sub-projects for review. The Board has continued to place the Underground Test Area sub-project into the number one slot. This ranking reflects our commitment to working with EM to ensure that budget dollars are available for continued drilling and monitoring efforts in support of groundwater issues at the Nevada Test Site.

Following is the Board's recommended FY 2010 budget ranking, outlining the justification for each ranking. The CAB considered a variety of factors, including: health and safety risks, regulatory requirements, and completion schedules. We also considered any significant changes in a sub-project area from last year, and applied that information to arrive at our current recommendations.

- 1) **Underground Test Area (UGTA)**
 - Drilling - to calibrate and validate flow models
 - Potential impact on the public, particularly offsite rural communities
- 2) **Low-Level and Mixed Low-Level Waste**
 - Complex-wide impact
 - End in sight - 92-acre
- 3) **Industrial Sites**
 - Finite plan for site closures
 - By 2012 - for all Corrective Action Units
- 4) **Soils**
 - Controversy with the U.S. Air Force
 - Stability of soil
 - No immediate identifiable need/risk

Ms. Janet Appenzeller-Wing
U.S. Department of Energy, Nevada Site Office
March 3, 2008
Page 2

Thank you for the opportunity to participate in the annual budget prioritization and for the assistance provided by the EM staff. Each federal sub-project director took the time to meet with CAB Budget Committee members and provided detailed follow-up information. We sincerely appreciate this support and look forward to your response related to this year's budget submittal.

Sincerely,

David Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs

CC: C. Lockwood, NNSA/NSO
K. Snyder, NNSA/DDFO
R. Rehfeldt, NREI, CAB Facilitator
M. Nielson, DOE/HQ (EM-13) FORS
D. Frost, DOE/HQ (EM-13) FORS
CAB Members and Liaisons



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Rosemary Rehfeldt
Navarro Research & Engineering, Inc.
Kelly Snyder
U.S. Department of Energy,
Nevada Site Office

February 6, 2008

DRAFT

Ms. Kelly Snyder, DDFO
U.S. Department of Energy, Nevada Site Office
P.O. Box 98510
Las Vegas, NV 89193-8518

SUBJECT: Community Advisory Board for Nevada Test Site Programs (CAB) -
Recommendations for Revisions to fact sheet: Groundwater...at the Nevada Test Site

Following are recommendations for revisions to the fact sheet mentioned in the subject of this letter. The CAB suggests the same general revisions and additions for all of the fact sheets:

1. Define unfamiliar terms and acronyms before they are used in a sentence.
2. Bold the definitions so that they are easily referenced.
3. When doing several definitions together, bullet the definitions, rather than listing them in the sentence.
4. Include a key and/or glossary on each fact sheet for unfamiliar terms and acronyms.
5. Reference on each fact sheet that other fact sheets are available.
6. In general, increase font point size for easier reading.
7. Try to keep fact sheets at an eighth grade reading level.
8. Update all references to off-site locations to comply with current transition status.
9. Distribute fact sheets to libraries, city halls, Nuclear Testing Archive, Legislator offices, environmental groups, UNLV, and senior centers.

Specific suggestions for the above-mentioned fact sheet are:

Groundwater...at the Nevada Test Site

The committee agreed to create a "definition box" to define terms used throughout the fact sheet

- On page 1, in the "Background" section, the second sentence should be changed, to read: "About one-third of these tests occurred near, below, or in the water table, which resulted in some radioactive contamination of the area's groundwater." The words "water table" within this sentence, should be placed in the definition box.
- In the third sentence of the first paragraph, the word "with" should be replaced with "by." The sentence will then read: "The U.S. Department of Energy (DOE) began preliminary hydrologic research in the 1970s; but a more intensive groundwater studies program was launched in 1989 by the formation of the Underground Test Area Project (UGTA) at the DOE Nevada Site Office (NSO)."

Ms. Kelly Snyder
U.S. Department of Energy, Nevada Site Office
February 6, 2008
Page 2

- The first sentence of the second paragraph within the “Background” section should be changed to read: *“Faced with the reality that no proven, cost-effective method existed then, or now, for remediating deep, extensive groundwater contamination, the UGTA project team set out to develop an effective, long-term monitoring system.”* The third sentence in this paragraph should be changed, to read: *“Scientists are developing and refining computer models to effectively position future monitoring wells within the monitoring network.”*
- The next section in the fact sheet is entitled “The UGTA Strategy.” An addition should be placed within the first sentence of the first paragraph in this section. The sentence will then read: *“The complex geology and hydrology of the Nevada Test Site presents unusual challenges in understanding speed, volume and direction of groundwater flow and the movement of contaminants.”* The second sentence in this paragraph should also be changed, to read: *“To meet these challenges, the UGTA project team embarked on an investigative process that incorporates various research components including drilling and sampling of wells, contaminant characterization, and computer model development.”*
- It is suggested that the next paragraph be completely omitted and replaced with the following verbiage: *“With these components in mind, the team designed a phased approach – the objective of which is to establish a comprehensive monitoring network using both new and existing wells. The first phase of the strategy (already complete) consisted of a regional evaluation, which explored the groundwater pathways over the entire NTS. The second phase (currently in progress) will help scientists determine contaminant movement and the boundaries that are unique to each of the underground test areas. Both of these phases incorporate various components, such as sampling, contaminant characterization, computer modeling, and process validation.”*
- In the first sentence of the third paragraph within “The UGTA Strategy” section, the year should be changed from 2022 to 2027. In the next sentence, the term “proof of concept” should be placed in the definition box. There is also a blue box that defines “contaminant boundary.” This definition should be placed with the other terms in the definition box.
- On page 2, in the picture box entitled “What is a Computer Model?,” the first sentence should be changed, to read: *“Over the past 15 years, scientists have used modeling technology to explain how groundwater systems behave.”*
- Continuing on page 2, within the fact sheet verbiage, there is a term in the first sentence of paragraph 1 that should be defined. That term is “close these areas.” There are several additional changes to this sentence, therefore, when changed it will read: *“If the results are acceptable to both NSO and the State of Nevada, NSO will officially close these areas and establish a long-term monitoring program using existing wells and, if necessary, drilling new wells.”*
- Place the term “modeling” in the definition box.
- The very last sentence underneath the “Public Involvement” section that begins with: “For more information...,” should be removed.

We appreciate the opportunity to review and comment on changes, revisions, and updates of the fact sheets, and will continue working to help improve Environmental Management’s efforts to communicate with the public.

Sincerely,

David Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs

Cc: C. Lockwood, NNSA/NSO
R. Rehfeldt, NREI, CAB Facilitator
M. Nielson, DOE/HQ (EM-13) FORS
D. Frost, DOE/HQ (EM-13) FORS
CAB Members and Liaisons



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*U.S. Department of Energy,
Nevada Site Office*

February 6, 2008

DRAFT

Ms. Kelly Snyder, DDFO
U.S. Department of Energy, Nevada Site Office
P.O. Box 98510
Las Vegas, NV 89193-8518

SUBJECT: Community Advisory Board for Nevada Test Site Programs (CAB)
Recommendations for Revisions to brochure:
Underground Test Area Project - Questions and Answers

Following are recommendations for revisions to the brochure mentioned in the subject of this letter. The CAB suggests the same general revisions and additions for all fact sheets and brochures:

1. Define unfamiliar terms and acronyms before they are used in a sentence.
2. Bold the definitions so that they are easily referenced.
3. When doing several definitions together, bullet the definitions, rather than listing them in the sentence.
4. Include a key and/or glossary on each fact sheet for unfamiliar terms and acronyms.
5. Reference on each fact sheet that other fact sheets are available.
6. In general, increase font point size for easier reading.
7. Try to keep fact sheets at an eighth grade reading level.
8. Update all references to off-site locations to comply with current transition status.
9. Distribute fact sheets to libraries, city halls, Nuclear Testing Archive, Legislator offices, environmental groups, UNLV, and senior centers.

Specific suggestions for the above-mentioned brochure are:

Underground Test Area Project - Questions and Answers

- The committee was informed, at their February 6, 2008 meeting, that the cover was going to be updated and redesigned. The committee likes the layout on the inside pages and would like to see it remain as is, including the boldface type for the questions. Additionally, all photos should have captions and some of the photos should be updated.
- On page 1, in the second sentence of paragraph one, the word "tools" should be changed to "alternatives." In the first sentence of paragraph two, the word "historic" should be removed. In the next sentence, remove the word "Project" and replace it with: "Technical Working Group (TWG)." The last sentence on this page should be changed, to read: "*This brochure offers answers to these frequently asked questions:*" Also on page 1, within the map, Pahrump and Oasis Valley should be added, and since Pahute Mesa is mentioned within the brochure, it should be shown on the map as well.

Ms. Kelly Snyder
U.S. Department of Energy, Nevada Site Office
February 6, 2008
Page 2

- On page 2, under the question “Is there an immediate risk to the public?” the first two sentences should be changed, to read: *“Based on currently available scientific information, there is no immediate risk to the public. The contamination associated with NNSA/NSO activities is thought to be confined to areas on the NTS where nuclear tests were conducted.”* After the last sentence in this paragraph, the following sentence should be inserted in parentheses before the period, *“(See DOE/NSO Groundwater fact sheet.)”* Also, the text box, with the sentence that begins, *“It is important to note that...”* should be kept on this page.
- The only change to page 3 is under the question, “Should contamination migrate off the NTS, where would it go?” In the first sentence, replace the words, *“The NNSA/NSO believes that”* with *“Modeling indicates that...”*
- On page 4, under the question, “What background tritium levels have been found?” in the last sentence, remove the words *“As a means of comparison.”* Then place the sentence after the first sentence in this paragraph. Also on this page, removed the photo with the red cooler.
- The second question on page 5 should be changed, to read, *“If contamination is found in the groundwater, what do the NNSA/NSO and the State of Nevada plan to do about it?”* Then in the last sentence of the answer to this question, the committee suggests removing the words, *“an investigation would begin into an alternative water supply”* and replace them with, *“and alternative water supplies would be provided.”* Also on this page, in the text box, remove the word *“radioactivity”* and replace it with *“contaminants.”*
- On page 6, under the question, “What will be the total cost of the UGTA project?” - due to budget baseline changes since the last publication of this brochure, the dollar amounts will need to be updated. There are a number of changes in the first to fourth sentences of this section as well. All sentences should read as follows:
 - *“The total cost of this 138-year effort is projected at (\$ Updated), which includes 100 years of monitoring. During its first 18 years (1989-2007), the UGTA Project has spent approximately (\$ Updated). For the period between 2007 and 2027, when characterization activities will be completed, the NNSA/NSO estimates the cost at (\$ Updated). Between 2027 and 2127, NNSA/NSO calculates that the total cost will be (\$ Updated) to construct the 56 wells that are needed and conduct long-term monitoring.”*
- Under the next question on page 6, “When will the UGTA Project be completed?” – change all the first year, stated at “2130,” to 2027. Change the other two years that are stated as “2030,” to 2027.

We appreciate the opportunity to review and comment on changes, revisions, and updates of the fact sheets, and will continue working to help improve Environmental Management’s efforts to communicate with the public.

Sincerely,

David Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs

cc: C. Lockwood, NNSA/NSO
R. Rehfeldt, NREI, CAB Facilitator
M. Nielson, DOE/HQ (EM-13) FORS
D. Frost, DOE/HQ (EM-13) FORS
CAB Members and Liaisons



Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518



FEB 19 2008

Dave Hermann, Chairperson
Community Advisory Board
for Nevada Test Site Programs
232 Energy Way
N. Las Vegas, NV 89030

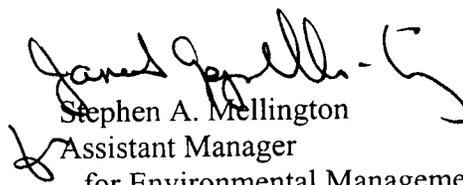
2008 COMMUNITY ADVISORY BOARD (CAB) RECRUITMENT ACTIVITIES

Thank you for your letter dated February 13, 2008, regarding the CAB's 2008 new member recruitment activities and proposed member slate. The Nevada Site Office will begin the membership approval process and will submit proper documentation to the U.S. Department of Energy Headquarters Office requesting approval of all new member candidates as well as a renewal of eligible existing members.

I encourage the proposed new candidates to immediately become involved in CAB meetings and activities even though they will not have voting authority. Ultimately, final member acceptance will be provided in a confirmation letter issued from the U.S. Department of Energy's Headquarters Office. We anticipate final approval from Headquarters sometime this summer.

Please extend my appreciation to members of the Membership Committee for their hard work in conducting the recruitment campaign. Needless to say, this is an extremely important initiative, and I am confident that your focus and hard work will result in valuable stakeholder perspectives as the CAB continues its work on Environmental Management projects.

If you have questions or concerns please contact Kelly Snyder, of my staff, at (702) 295-2836.


Stephen A. Mellington
Assistant Manager
for Environmental Management

PSG:3897.KS

cc via e-mail:

M. A. Nielson, DOE/HQ (EM-13) FORS
E. D. Frost, DOE/HQ (EM-13) FORS
Rosemary Rehfeldt, NREI, Las Vegas, NV
K. K. Snyder, PSG, NNSA/NSO,
Las Vegas, NV



DRAFT FULL BOARD MEETING MINUTES

January 10, 2008

Location: Bob Ruud Community Center, Pahrump, Nevada

CAB Members Present: David Hermann, Chair; Walter Wegst, Vice Chair; Bob Gatliff, Robert Johnson, Vernell McNeal, Ted Oom, Stacy Standley

CAB Members Not Present: Paul Adras, Jackson Ramsey, Hal Sullivan, James Weeks

Public Present: Richard Arnold, Pahrump, NV; Michael DiMassa, Pahrump, NV; A.J. Lang, Pahrump, NV; Bill Mangan, Pahrump, NV; Jim Petell, Pahrump, NV; T.J. Rodouck, Pahrump, NV; Mark Waite, Pahrump, NV; Lowell Wille, Knoxville, TN

Liaisons Present: Tim Murphy, Nevada Division of Environmental Protection

Liaisons Not Present: David Ek, U.S. National Park Service; Steve Mellington, National Nuclear Security Administration; David Swanson (Retired from Nye County Nuclear Waste Repository Office)

Technical Support Staff Present: Helen Neill, Ph.D., UNLV, Department of Environmental Studies; Jennifer Ward, UNLV graduate student

U.S. Department of Energy (DOE): Kelly Snyder, DOE Deputy Designated Federal Officer (DDFO); Frank DiSanza, DOE Federal Project Director, Nevada Site Office Environmental Management, Waste Management Program

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

Agenda

- Chair's Opening Remarks Dave Hermann
 - Explanation of the DOE Nevada Site Office Environmental Management Program and the Community Advisory Board for Nevada Test Site Programs
 - Approval of Agenda
- Public Comment
- Briefing: *Desert Research Institute: Transportation Study* Dr. David Shafer
- Committee Updates
 - ♦ Budget Bob Gatliff
 - ♦ EMPIRE Walt Wegst
 - *Approval of November 27, 2007 Recommendation Letter*
 - ♦ Membership Bob Gatliff
 - *Update on Membership Recruitment*
 - ♦ Outreach Walt Wegst
 - ♦ Transportation/Waste Ted Oom
 - *Approval of December 10, 2007 Recommendation Letter*

- ♦ UGTA
 - *Update on December 5, 2007 and January 9, 2008 Pahute Mesa Corrective Action Investigation Plan (CAIP) Addendum Meetings*
- Other CAB Business
 - ♦ Approval of November 6, 2007 Minutes
 - ♦ March Board meeting location and committee meetings
 - ♦ SSAB Chairs Meeting – Hanford, April 23-24, 2008
 - ♦ Determine attendees
 - DOE Update
 - ♦ Revised FFACO Public Involvement Plan
 - December and January State of Nevada Notification
 - ♦ Closure Report for Corrective Action Units 543 and 127
 - Meeting Wrap-Up / Assessment

Bob Gatliff

Dave Hermann
Rosemary Rehfeldt
Rosemary Rehfeldt

Kelly Snyder

Rosemary Rehfeldt

Rosemary Rehfeldt

Approval of Agenda

Dave Hermann asked for a motion for approval of the meeting agenda. Robert Johnson moved for approval, seconded by Vernell McNeal. Motion passed unanimously.

Public Comment

Ms. A.J. Lang commented on three points of concern to her. They are: 1) What types of plans are in place for a spill – if a truck turns over. 2) Has a report ever been completed regarding mutated termites in the low-level waste disposal area, and if a report is available, can she receive a copy? 3) Have spot DNA tests been conducted on the flora and fauna on the NTS? Ms. Lang requested an e-mail response to her comments and questions. The CAB Chair, Dave Hermann, responded to Ms. Lang, telling her that the DOE will research the answers to Ms. Lang's requests and questions and e-mail a response to her.

Briefing: Desert Research Institute: Transportation Study

Dr. David Shafer gave a presentation on the Desert Research Institute's Transportation Study, which was sponsored by the DOE National Nuclear Security Administration Nevada Site Office. The presentation included:

- ♦ The role of the Nevada Test Site (NTS) in Low-Level Radioactive Waste (LLW) disposal
- ♦ What is low-level radioactive waste?
- ♦ Where the LLW comes from
- ♦ Transport of LLW to the NTS – major public concerns
- ♦ Collection of potential exposure data from trucks traveling to the NTS
 - Stationary and automated array of four Pressurized Ion Chambers (PICs)
- ♦ Why four PICs were used to measure the trucks
- ♦ Routes used to transport LLW to the NTS
- ♦ Representative graphical data output during PIC array operations
- ♦ Major results – total net exposure frequency for all trucks
- ♦ From what trucks measurements were collected
- ♦ Cumulative exposure scenarios
- ♦ Major results – trucks getting ready to leave waste containers in disposal cell at the NTS

Dr. Shafer thanked the CAB and the audience for their time and asked if there were any questions regarding the presentation. Mr. Richard Arnold, representing the tribal nations, asked about emergency preparedness in the rural areas; if a highway accident occurred with a truck carrying LLW, and whether or not the rural counties were financially compensated for emergency response. He expressed additional concern in this matter because of the potential for Greater Than Class C radioactive waste shipments to the NTS. Dr. Shafer pointed out that the LLW was solid material, placed in tightly sealed containers. Mr. Frank DiSanza, DOE Federal Project Director for the Nevada Site Office Environmental Management Waste Management Program, explained that the rural counties were financially compensated from the DOE for emergency preparedness. The State of Nevada is responsible for management and transmittal of funds to each of the rural counties included in this program.

Budget Committee:

Due to the Committee Chair's absence, Bob Gatliff served as spokesperson for the Committee. Mr. Gatliff informed the Board that a committee meeting was scheduled for February 6, 2008 (meeting has been rescheduled for February 20, 2008) at the DOE Nevada Support Facility, Sedan Conference Room. The DOE federal project and sub-project directors will present budget information for FY 2010.

Environmental Management Public Information Review Effort (EMPIRE) Committee:

Walt Wegst, Committee Chair, told the Board that the EMPIRE Committee met prior to the Full Board meeting to review and revise the following fact sheets:

- ♦ ***Soils Project...an approach to cleanup***
The committee met just prior to the Full Board meeting to review and revise the Soils Project fact sheet. The committee agreed to several changes. A recommendation letter to DOE, outlining the changes, will be created and given to the Full Board in March.

- ♦ ***Groundwater at the Nevada Test Site***
The committee began to review this fact sheet, but decided to postpone and complete the review and revisions until the next EMPIRE Committee meeting, scheduled for February 6, 2008.

The committee's draft recommendation letter recommending changes to fact sheets: *Transporting Low-Level and Mixed Low-Level Waste to the Nevada Test Site, Mixed Low-Level Waste at the Nevada Test Site, and Mixed Low-Level Waste Acceptance Guidelines at the Nevada Test Site* was put before the Board for approval. Stacy Standley moved, seconded by Ted Oom, to approve the recommendation letter outlining changes to the above-mentioned fact sheets. Motion passed unanimously.

Dr. Wegst informed the Board that the EMPIRE Committee is continuing discussion on how to review and make potential changes to Environmental Management videos.

Membership Committee:

Due to the Committee Chair's absence, Bob Gatliff served as spokesperson for the Committee. The membership recruitment drive continues. Membership applications have been distributed to the Committee for review, with recommendations to be given to the CAB Office by Monday, January 14, 2008. Interviews have been set for January 23rd and 24th at the DOE's Cheyenne Office.

Outreach Committee:

Due to the Committee Chair's absence, Walt Wegst served as spokesperson for the Committee. He informed the Board that the Committee is in a preliminary planning stage. The basic purpose is to create science-based lesson plans and the means for teachers to access these for use in their classrooms. The Committee agreed to keep its focus with 5th and 6th grade students.

The Committee would like to know what some of the other Site Specific Advisory Boards (SSAB) have done for community outreach. Dr. Wegst told the Board that he is planning to bring this subject up at the next SSAB conference call on January 31, 2008. He will request a conference call with other SSAB's so ideas can be shared about outreach strategies.

Transportation/Waste Committee:

Ted Oom, Committee Chair, asked for approval on the Committee's recommendation letter to DOE regarding an updated 2008 Waste Transportation Study. The Board agreed to revise the letter so that the study will only focus on trucks going to the NTS. Ted Oom moved, seconded by Walt Wegst, to approve the recommendation letters with the revision stated above. Motion passed unanimously.

Mr. Oom asked for a status report on a "TRU in the Trenches" update from Dr. Bruce Crowe. Rosemary Rehfeldt informed the Board that Dr. Crowe would be available to give the Committee an update in late February or early March.

Underground Test Area (UGTA) Committee:

Bob Gatliff, Committee Chair, began by explaining to the meeting attendees how the CAB was given the opportunity to recommend three well sitings. The CAB recommended that DOE conduct a peer review of the UGTA's groundwater regional model. The peer review was conducted in 2002. The CAB submitted its well recommendations 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) on the Pahute Mesa Corrective Action Investigation Plan (CAIP) meetings. Both Bob Gatliff and Engelbrecht von Tiesenhausen (CAB Alumni member) have been attending these meetings. The first meeting took place on December 5, 2007 and the second meeting on January 9, 2008.

The December 5th meeting was devoted to methodology used to model groundwater flow on a regional basis, at the NTS. Groundwater pathways were explored over large areas both up gradient and down gradient, from historical underground nuclear testing locations. Two approaches were followed in the modeling: geochemistry analyses and radioactive elements in the water.

The January 9th meeting objective was to identify areas and types of information where more information would be useful; brainstorm and reach consensus on whether it is realistic to expect, and be able to obtain, better information than was currently available; and thirdly, to categorize and apply a rating to information that would be sought for use in the computer modeling.

The next CAIP meeting is tentatively scheduled for February 7, 2008.

Other CAB Business

Meeting attendees were asked if they had any additional questions they would like to ask. Ms. Lang requested a copy of the Frenchman Flat Groundwater Flow Model, as well as documentation of the CAB's well recommendations for Pahute Mesa. Kelly Snyder, DDFO, told Ms. Lang that she would provide that information to her.

- **Approval of September 12, 2007 Minutes**
Ted Oom moved, seconded by Walt Wegst, to approve the minutes as written. Motion passed unanimously.
- **March Board Meeting Location:**
Meeting attendees were informed that the next CAB Full Board meeting will be held on March 11, 2008, in Beatty, Nevada. The meeting will take place at the Beatty Community Center, and will begin at 6:00 p.m.
- **SSAB Chairs Meeting – Hanford Site:**
Meeting attendees were informed that the next SSAB Chairs Meeting will take place at DOE's Hanford Site, near Richland, Washington. The meetings will take place April 23 – 25, 2008. The CAB Chair and Vice-Chair are invited to attend.
- **DOE Update:**
Kelly Snyder referenced the EM Monthly Report to the CAB for January 2008 and asked the Board if they had any questions on the report. There were no questions.

Ms. Snyder reminded the Board that comments were due by January 21, 2008 on the revised and updated Federal Facility Agreement and Consent Order (FFACO) Public Involvement Plan (PIP), which was previously sent to the Board, as well as included in the meeting packets. Ted Oom and Stacy Standley commented that the PIP looked good to them. Dave Hermann suggested that the Board take this under consideration and get comments to the CAB Office by January 21st.

Included in the meeting packets were the updated, redesigned fact sheets for: *Low-Level Radioactive Waste Disposal* and *Nevada Test Site Community Advisory Board*, as well as the updated *Public Outreach* and *Environmental Management* brochures.

- **October and November State of Nevada Notification:**
A Notification for Corrective Actions, dated January 2, 2008, was included in the Board meeting packets. The DOE will submit a Closure Report (CR) to the Nevada Division of Environmental Protection (NDEP) for the following Corrective Action Units (CAUs):

<u>CAU Number</u>	<u>CAU Description</u>	<u>Approximate Submittal Date</u>
○ CAU 543	Liquid Disposal Units	January 31, 2008
○ CAU 127	Areas 25 and 26 Storage Tanks	February 29, 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 Closure Report.

Dr. Wegst requested a copy of the Closure Report for CAU 543. Rosemary Rehfeldt will request the report from the FFACO, and forward to Dr. Wegst.

Meeting adjourned at 8:30 P.M.



Community Advisory Board for Nevada Test Site Programs

March 11, 2008

DRAFT

Members

David Hermann, CAB Chair
Walter Wegst, Ph.D., CAB Vice-Chair

Robert Gatliff, Chair
Underground Test Area (UGTA) Committee
Robert Johnson
Vernell McNeal
Theodore Oom, Chair
Transportation/Waste Committee
Jackson Ramsey, Ph.D., Chair
Budget Committee
Membership Committee
Stacy Standley
Harold Sullivan
James Weeks
Walter Wegst, Chair
EMPIRE Committee

Liaisons

Genne Nelson
U.S. National Park Service
Robert Gamble
*Nye County Nuclear Waste
Repository Office*
Stephen Mellington
*U.S. Department of Energy,
Nevada Site Office*
Tim Murphy, Chief
*Bureau of Federal Facilities,
State of Nevada Division of
Environmental Protection*

Administration

Rosemary Rehfeldt, Facilitator
Navarro Research & Engineering, Inc.
Kelly Snyder, DDFO
*U.S. Department of Energy,
Nevada Site Office*

Mr. Paul Adras
1212 Casino Center Blvd.
Las Vegas, NV 89104

SUBJECT: Community Advisory Board for Nevada Test Site Programs - Forfeiture
Of Membership

Dear Paul:

As part of your membership on the Community Advisory Board for Nevada Test Site Programs you are required to follow the Board's Standard Operating Procedures. After the CAB Office reviewed the meeting attendance roster, it was brought to the Full Board's attention that you missed the last two Full Board Meetings (November and January) and did not provide the CAB Office with notification that you were missing the meetings. As a result of this, according to our Board approved Standard Operating Procedures, a member must forfeit their Full Board membership.

"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."

As Board Chair, I would like to express our appreciation for your efforts and willingness to serve as a Community Advisory Board member and your participation on the EMPIRE Committee. Remember that, although you will no longer have voting privileges, you are always welcome to attend CAB meetings. We encourage your continued community involvement and hope to see you at future meetings.

Sincerely,

Dave Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs

cc: C. Lockwood, NNSA/NSO
R. Rehfeldt, NREI, CAB Facilitator
M. Nielson, DOE/HQ (EM-13) FORS
D. Frost, DOE/HQ (EM-13) FORS
CAB Members and Liaisons

Environmental Management's Monthly Report to the CAB
March 2008

Low-Level Waste (LLW):

Completed Activities (February)

- The Nevada Site Office (NSO) conducted one (1) Radioactive Waste Acceptance Program (RWAP) Audit of the Portsmouth facility and one (1) Impromptu Facility Evaluation of Idaho National Laboratory.
- As of February 24, 2008, 337,037 ft³ of LLW in 415 shipments was disposed at the Nevada Test Site (NTS).
- LLW Operations has worked 361,100 hours since its last lost-time accident (September 2003).
- On February 11-14, 2008, Environmental Management /Headquarters (EM/HQ) conducted a walkthrough of the RWAP during the Audit of Portsmouth. EM/HQ did not have any Findings or Opportunities for Improvement about the RWAP team.
- On February 20, 2008, the LLW Sub-Project briefed the CAB Budget Committee on its planned activities for FY 2009 and FY 2010

Expectations (March)

- Expect to receive 91,000 ft³ of LLW and MLLW for disposal.
- The LLW Sub-Project expects to conduct one (1) RWAP Audit of Argonne, and two (2) Impromptu Facility Inspections of the generator sites.

Mixed Low-Level Waste (MLLW):

Completed Activities (February)

- Received 5,891 ft³ in 16 shipments for disposal at the NTS, as of February 24, 2008.
- The Nevada Division of Environmental Protection (NDEP) Cease order is still in effect for Portsmouth's MLLW program. EM/HQ closed out its Assessment of Portsmouth and asked NSO EM to request the NDEP to lift the Cease Order. The request was hand delivered to the NDEP on February 21, 2008. The NDEP is reviewing the request.

Background:

Last July, the NDEP issued a Cease Order to the Foster Wheeler Environmental Corporation (TN), Portsmouth Gaseous Diffusion Plant (Ohio) and M&EC Permafix (TN) Mixed Low-Level Waste (MLLW) generators, because the NDEP felt that these MLLW generators did not demonstrate enough rigor and vigilance in implementing their waste certification programs. Since then, M&EC and Foster-Wheeler have improved their MLLW programs to have the NDEP lift the Cease Order.

MLLW Expectations (March)

- MLLW disposal is included in the LLW section for January.
- Planned facility evaluations are included in the LLW portion of this report.

Transuranic Waste (TRU)

Completed Activities (February)

- Modifications to the Visual Examination and Repackaging Building (VERB) for the oversized box size-reduction and segregation continued and are planned to be completed in April 2008.
- Attended the Federal Facility Compliance Act (FFCA) meeting with the Nevada Division of Environmental Protection (NDEP) on February 6, 2008. NDEP was supportive of TRU activities and no issues were identified.

- Continued to work with the Carlsbad Field Office (CBFO) to complete data packages for the remaining TRU waste drums for shipment to another DOE facility for certified characterization and shipment to WIPP to meet Site Treatment Plan milestones.

Expectations (March)

- The Nevada Site Office (NSO) and CBFO will complete the data packages for the remaining TRU waste drums to identify drums that are ready for shipment and drums that will need to be repackaged inside the VERB prior to shipment to meet Site Treatment Plan milestones.
- Continue modifications to the VERB for the oversized box size-reduction and segregation which is planned to be complete in April 2008.

Industrial Sites:

Accomplishments (February)

- Began corrective action investigation fieldwork for Corrective Action Unit 556, Dry Wells and Surface Release Points
- Completed corrective action fieldwork for Corrective Action Unit 151, Septic Systems and Discharge Area
- Continued Decontamination & Decommissioning fieldwork for Corrective Action Unit 116, Area 25 Test Cell C Facility
- Continued waste disposal activities for Corrective Action Unit 127, Areas 25 and 26 Storage Tanks
- Received NDEP approval for Final Post Closure Inspection Letter Report for Corrective Action Unit 91, Area 3 U-3fi Injection Well, to NDEP for approval
- Received NDEP approval for Final Post Closure Inspection Letter Report Corrective Action Unit 112, Area 23 Hazardous Waste Trenches
- Submitted Final Closure Report for Corrective Action Unit 127, Areas 25 and 26 Storage Tanks, to the NDEP for approval
- Submitted Final Closure Report for Corrective Action Unit 145, Wells and Storage Holes, to the NDEP for approval
- Submitted Final Corrective Action Decision Document for Corrective Action Unit 563, Septic Systems, to the NDEP for approval
- Submitted Final Recommendations and Justifications for Modifications for Use Restrictions Established under the U. S. Department of Energy, National Nuclear Security Administration, Nevada Site Office, Federal Facility Agreement and Consent Order (FFACO) to the NDEP for approval
- Submitted Final Supplemental Investigation Plan for FFACO Use Restrictions, Nevada Test Site Office, Nevada, to the NDEP for approval

Planned (March)

- Continue Decontamination & Decommissioning fieldwork for Corrective Action Unit 116, Area 25 Test Cell C Facility
- Continue waste disposal activities for Corrective Action Unit 127, Areas 25 and 26 Storage Tanks
- Complete corrective action investigation fieldwork for Corrective Action Unit 556, Dry Wells and Surface Release Points
- Receive NDEP approval for the Final Closure Report for Corrective Action Unit 127, Areas 25 and 26 Storage Tanks
- Receive NDEP approval for the Final Closure Report for Corrective Action Unit 145, Wells and Storage Holes

- Receive NDEP approval for the Final Corrective Action Decision Document for Corrective Action Unit 563, Septic Systems
- Receive NDEP approval for the Final Recommendations and Justifications for Modifications for Use Restrictions Established under the U. S. Department of Energy, National Nuclear Security Administration, Nevada Site Office, Federal Facility Agreement and Consent Order (FFACO)
- Receive NDEP approval for the Final Supplemental Investigation Plan for FFACO Use Restrictions, Nevada Test Site Office, Nevada
- Submit Final Post-Closure Inspection Report for Corrective Action Unit 92, Area 6 Decon Pond Facility, to the NDEP for approval
- Submit Final Corrective Action Decision Document/Closure Report for Corrective Action Unit 190, Contaminated Waste Sites, to NDEP for approval
- Submit Final Corrective Action Investigation Plan for Corrective Action Unit 546, Injection Well and Surface Releases, to the NDEP for approval

Underground Test Area (UGTA)

Completed (February)

Frenchman Flat

- Submitted Phase II Transport Model Draft report on February 28 for DOE review.
- Completed pumping and sampling of the U-4u PS #2A (DALHART site).

Pahute Mesa

- Submitted Phase II Transport Model Draft report on February 4 for DOE review.
- The preemptive review committee held a third meeting to discuss development of the Phase II Corrective Action Investigation Plan (CAIP).

Yucca Flat

- Continued Phase I Flow Model Analysis and Evaluation.
- Continued Phase I Transport Model Analysis and Evaluation.

Rainier Mesa/Shoshone Mountain

- Began finalizing the Phase I Transport Parameter Data document following reviews.
- Began finalizing the Phase I Hydrology Data document following reviews.
- Continued Phase I Flow Model Analysis and Evaluation.
- Continued Phase I Source Term Analysis and Evaluation.
- Continued Phase I Transport Model Analysis and Evaluation.
- Submitted Draft Phase I Mode Approach Strategy on February 1 for DOE review.
- The preemptive review committee for modeling approach and strategy conducted its initial meeting.

Expectations (March)

Frenchman Flat

- Continue Phase II Transport Model Draft report development
- Mobilize to the UE-2ce (NASH) site, pull existing tubing and install an electric submersible pump.

Pahute Mesa

- Continue Phase I Transport Model Draft report development.
- Continue CAIP Addendum initiative.

Yucca Flat

- Continue Phase I Flow Model Analysis and Evaluation.
- Continue Phase I Transport Model Analysis and Evaluation.

Rainier Mesa/Shoshone Mountain

- Submit the Phase I Hydrology Data document for final reviews.
- Submit the Phase I Transport Parameters Data document for final reviews.

- Complete Phase I Flow Model Analysis and Evaluation.
- Continue Phase I Source Term Analysis and Evaluation.
- Complete groundwater sampling at ER-16-1.

Soils

Completed Activities (February)

- Completed a modification to Appendix II of the Federal Facility Agreement and Consent Order (FFACO). This modification establishes Corrective Action Unit (CAU) 107, currently being closed under the following Streamlined Approach for Environmental Restoration (SAFER) process; and, CAU 370, currently being closed under a Corrective Action Investigation Plan (CAIP)
- Continued the development of the CAU 107 SAFER plan. With NDEP concurrence, additional low impact sites will be added to this SAFER pending Data Quality Objectives review.
- Completed the Draft CAU 370 CAIP and submitted for external review and comment.
- Continued the preliminary assessment of Soil Sites.

Expectations (March)

- Complete the development of the draft SAFER Plan for low impact Soils Sites for internal review. The SAFER Plan represents the first set of Soils Sites that will be on a defined Federal Facility Agreement and Consent Order closure path since the inception of the Soils Project in 1994.
- Conduct reviews and comment response to the CAU 370.
- Continue the preliminary assessments of remaining Soils Sites.

Public Involvement:

Completed Activities (February)

- The Operation Clean Desert learning trio (comprised of an interactive computer game, activity book, and mobile exhibit that convey information about the Environmental Management efforts taking place at the Nevada Test Site in a manner appropriate to elementary-school age children) was on display February 9 at Spring Valley High School (Las Vegas, Nev.) for the Nevada State Science Teachers Association 2008 Math & Science Conference. Twenty-five (25) Operation Clean Desert teacher packets, 15 activity books, and 5 interactive games were distributed; an additional 60 books and 60 game CDs were delivered to William E. Ferron Elementary School as a result of the conference. A science instructor from Rosemary Clarke Middle School (Nye County) requested a visit by EM Public Involvement with the learning trio materials for an upcoming month.
- A presentation on the Operation Clean Desert learning trio was made to six teachers attending the Regional Professional Development Program held February 11 at William E. Snyder Elementary School, and six Operation Clean Desert teacher packets were distributed.
- Met with the Environmental Management Student Forum (a group of high school students from Advanced Technologies in Las Vegas, NV) to continue development of an interactive Nevada Test Site Environmental Management timeline. This is a weekly meeting.
- Provided information to a Clark County School District (CCSD) elementary teacher on the Operation Clean Desert learning trio in response to a listing in the CCSD newsletter "Hotline."
- Hosted a Nevada Test Site Waste Management booth at the Waste Management Symposium (professional conference) in Phoenix, AZ.

Expectations (March)

- Meet with the Environmental Management Student Forum (a group of high school students from Advanced Technologies in Las Vegas, NV) four times (once a week) to development of an interactive Nevada Test Site Environmental Management timeline.
- Community Advisory Board for Nevada Test Site Programs full board meeting on March 11 in Beatty, Nev.



Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518



FEB 13 2008

David Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs
232 Energy Way
North Las Vegas, NV 89030

**RESPONSE TO COMMUNITY ADVISORY BOARD FOR NEVADA TEST SITE
PROGRAMS (CAB) LETTER DATED JANUARY 31, 2008**

I would like to extend my thanks to the CAB for taking the time to review and provide recommendations on Revision 6 of the Public Involvement Plan (Appendix V) of the Federal Facility Agreement and Consent Order. This is a very important document that guides the public involvement activities conducted by the U.S. Department of Energy National Nuclear Security Administration Nevada Site Office Environmental Management Program.

All of the recommendations have been addressed on the attached comment response form, and the majority of your recommendations have been included into the revision. We have also enclosed a copy of the final Public Involvement Plan.

Again, thank you for your recommendations on the Public Involvement Plan. If you have further questions, please contact Kelly Snyder at (702) 295-2836.

Tiffany Lantow
FFACO Administrator
Program Support Group

PSG:3885.TL

Enclosures:
As stated

FEB 13 2008

cc w/encl. via e-mail:

M. A. Nielson, DOE/HQ (EM-13) FORS

E. D. Frost, DOE/HQ (EM-13) FORS

Tim Murphy, NDEP, Las Vegas, NV

C. D. Andres, NDEP, Las Vegas, NV

Helen Neill, UNLV CAB Technical Advisor

Robert Gamble, Nye County Nuclear Waste Repository Office

Rosemary Rehfeldt, NREI, Las Vegas, NV

S. A. Mellington, AMEM, NNSA/NSO, Las Vegas, NV

K. K. Snyder, PSG, NNSA/NSO, Las Vegas, NV

FFACO Group, PSG, NNSA/NSO, Las Vegas, NV

**Comments and responses pertaining to the
Federal Facility Agreement and Consent Order (FFACO) Appendix V Public Involvement Plan, Revision No. 6, January 2008**

Comment Number	CAB Comment	Comment Response
1	<p>On page 10, the list of waste types is confusing. Low-level radioactive waste, mixed low-level radioactive waste, Transuranic (TRU), and sanitary waste are included with a description of hazardous waste. This creates confusion between State oversight of hazardous waste and waste types described. The CAB recommends that the wastes specifically covered by the FFACO be grouped together first, then add a sentence to the effect that: <i>for completeness, the following wastes that occur on the Nevada Test Site (NTS) are listed below:</i> even though they are not explicitly covered by the FFACO. Then list the bullets for hazardous and sanitary waste.</p>	<p>Rather than being governed by the FFACO, the waste types listed on page 10 are all regulated by the State by virtue of the Nevada Revised Statutes, with the exception of low-level radioactive waste (LLW). The Agreement in Principle between DOE and the State dictates the State's involvement in LLW activities. Because of this, the bulleted list remains unchanged.</p>
2	<p>The Nevada Test Site (NTS) is a Resource Conservation Recovery Act (RCRA) site. It is not clear how or if the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) affects environmental management decisions at the NTS. CERCLA is described on page 20 (see pages 19 and 20), but it is not clear why it is mentioned in this document. If CERCLA is left in the document, then add the acronym after the title of the second paragraph and explain why CERCLA is included. Additionally, if the description is kept in this section, it needs to be added to the list on page 3.</p>	<p>CERCLA is one of the legal authorities that the FFACO is bound by. Language to this effect has been added to the Public Involvement Plan (PIP); the term has been added to page 3; and the acronym has been added on page 20 and to the list of acronyms.</p>
3	<p>In the third paragraph on page 21, the CAB recommends defining "certain predefined classes of action" and/or "categorical exclusions." The CAB believes that this paragraph is very important, yet it does not provide enough detail to fully understand the information.</p>	<p>Language defining "certain predefined classes of action" and "categorical exclusions" has been added to the paragraph.</p>
4	<p>Although the NTS CAB has been instructed not to cover Legacy Management, we recommend providing a clearer description of what Environmental Management does to prepare a site before transfer to Legacy Management, and how the public is involved in this process.</p>	<p>More information regarding the Offsites transfer has been added to the Legacy Management (LM) section. Although there is no formal public involvement process for the transfer of sites between Environmental Management (EM) and LM, the Offsites transfer in 2006 was presented to the CAB for concerns.</p>
5	<p>The CAB would like to know whether or not the FFACO only addresses clean up of hazardous contamination from past U.S. Department of Energy (DOE) and U.S. Department of Defense (DoD) activities. If so, what is the public involvement plan for the potential of future waste disposal activities at the NTS, such as the Greater Than Class C (GTCC) low-level waste disposal issue, which appears to fall under NEPA rather than the FFACO? A recommendation would be to expand the preface to include the NEPA public involvement as well.</p>	<p>The purpose of the FFACO is to address Nevada sites contaminated by historic nuclear testing activities conducted by the DOE and DoD. The FFACO does not address potential future waste streams. Since the Public Involvement Plan is Appendix 6 of the FFACO, public involvement for other issues and future waste streams will not be addressed in the document.</p>
6	<p>On page 16, first paragraph (which begins on page 15) the Defense Threat Reduction Agency no longer has a CAB Liaison position. Therefore, the Defense Threat Reduction Agency should be removed from the CAB Liaison list.</p>	<p>DTRA has been removed from the CAB liaison list.</p>
7	<p>On page 21, the CAB recommends that the third paragraph be expanded to define "predefined classes" and give a couple of examples.</p>	<p>Language defining "certain predefined classes of action" and "categorical exclusions" has been added to the paragraph.</p>

**Comments and responses pertaining to the
Federal Facility Agreement and Consent Order (FFACO) Appendix V Public Involvement Plan, Revision No. 6, January 2008**

Comment Number	CAB Comment	Comment Response
E-1	Why are both FFACO and FFCAct-CO being used? If they are different, the CAB recommends giving dates with the acronym to differentiate, as well as provide, different definitions on page vi. (Refer to the first sentence in Section 2.3.2.)	They are different; the FFCAct-CO is an amendment to the <i>Resource Conservation and Recovery Act</i> (RCRA), the significance of which is described in Section 2.3.2. The references to the respective terms in the Public Involvement Plan are consistent with those in the FFACO and its other appendices.
E-2	On page 1, after "Legacy Management (DOE/LM), add: "(see section 3.1.)" In the second paragraph on page 2, the fourth sentence should begin with: "The NTS." The sentence will then read: "The NTS is larger than the state of Rhode Island, making it one of the largest restricted access areas in the United States."	Sentence unchanged in order to retain consistency throughout Plan. Changes made.
E-3	In the fifth sentence, the CAB recommends removing the word "restricted" since it is stated in the sentence before this one. The sentence should read: "This remote and arid site is predominantly surrounded by tightly controlled federal lands and facilities."	
E-4	On page 4, second line under "Groundwater Studies," the word "generate" works better than "produce." On the third line, under "Soils Remediation Studies," after "characterization" add: "and planned land use scenarios." This sentence will then read: "Depending on the results of the characterization and planned land use scenarios, an appropriate remediation activity is then conducted (see Figure 3).	The second sentence under "Groundwater Studies" has been restructured to state, "This sub-project characterizes the effects of historic underground nuclear detonations at the NTS to generate models for groundwater flow and radionuclide transport." The second change was made verbatim.
E-5	On page 9, second paragraph, second sentence: insert "temporarily" between "also" and "stored." The sentence will then read: "Under an agreement with the State of Nevada, Transuranic waste is also temporarily stored at the Area 5 Radioactive Waste Management Site until it is shipped off-site."	Change made.
E-6	Also on page 9, second paragraph, last sentence, add "RCRA" to the sentence so that it reads: "Hazardous waste is accumulated at the NTS and shipped off-site to a RCRA-permitted treatment, storage, and disposal facility (see paragraph 2.3.4)."	Change made.
E-7	In the "Transportation" paragraph on page 9, the fourth sentence should begin with "However," instead of "In turn." Also, add an "s" to "encourage." The last sentence in this section can be omitted, unless specific examples are listed.	Changes made.
E-8	In Section 2.2.1 on page 12, the last sentence should be moved up, to follow sentence number 5. Therefore, the two sentences will read: "The interviews helped identify participants' key concerns, attitudes, knowledge, and understanding of the EM Program at DOE/NV (now the NSO). This information was candid and helpful, setting in motion a number of programs that would appeal to diverse audiences with different informational needs and interests."	Change made.

Comments and responses pertaining to the

Federal Facility Agreement and Consent Order (FFACO) Appendix V Public Involvement Plans, Revision No. 6, January 2008

Comment Number	CAB Comment	Comment Response
E-9	Also on page 12, Section 2.2.2, in the last sentence of the first paragraph, change the word "or" to "and." The sentence will then read: "Still, there are others who take on a more active approach by joining an outreach effort and/or volunteering to serve on the CAB and on one of the Board's committees."	Since one may serve on a CAB committee without actually becoming a CAB member, the sentence remains unchanged.
E-10	On page 13, in the first sentence of the "Highly Involved" section, add "reviews the result of" in front of "research projects." The sentence will then read: "When a stakeholder or organization invests the time and effort to attend public meetings and reviews the results of research projects in order to contribute to the decision-making process, this person or group is highly involved."	Change made.
E-11	On page 16, the first sentence in the second bullet should be changed, to read: "Stakeholder Involvement Plans are produced when specific sub-projects are identified and have been determined to have a greater potential to impact the public."	First sentence in the second bullet has been changed to read, "Stakeholder Involvement Plans are produced when specific sub-projects are identified and have been determined to have a greater public interest."
E-12	On page 17, a bullet should be added to the front of the bulleted list, that defines a "Corrective Action Unit (CAU).	The bulleted list on page 17 describes documents that are written to detail corrective action activities. A CAU is not a document, and would therefore be out of place in this particular list.
E-13	On page 19, in the first sentence, the acronym for Federal Facility Agreement and Consent Order should be changed to (FFACO), instead of (FFCAct-CO). Also on this page, in Section 2.3.4, (this was mentioned previously in this letter) the CAB is asking why CERCLA is mentioned in this document.	The FFACO is not referenced in this section; the paragraph is about the FFCAct-CO, and the acronym is correct. CERCLA is one of the legal authorities that the FFACO is bound by.
E-14	On page 20, top paragraph, in the second sentence, the word "wasted" should be changed to "waste."	Change made.
E-15	On page 25, under "Public Reading Facilities," indent the next two bullets that give the locations of the public reading facilities.	Change made.
E-16	On page 26, in the fourth sentence of the second paragraph, remove the apostrophe after the word "parties," and take the "s" out of the word "strives." The sentence will then read: "As FFACO parties strive to accommodate the perspectives of both technical and non-technical audiences, further efforts are being made to include easy-to-read summaries in all documents."	Changes made.



Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518



March 5, 2008

Dave Hermann, Chair
Community Advisory Board
for Nevada Test Site Programs
232 Energy Way
N. Las Vegas, NV 89030

RESPONSE TO ENVIRONMENTAL MANAGEMENT PUBLIC INVOLVEMENT REVIEW
EFFORT (EMPIRE) COMMITTEE COMMENT RESOLUTION REQUEST

During the February 6, 2008, EMPIRE committee meeting, the committee requested a formal comment resolution on each recommendation that was previously submitted for Environmental Management fact sheets and brochure. Enclosed are the comment resolutions and a copy of each revised publication for the following fact sheets/brochures:

- Environmental Management Public Involvement
- Environmental Management Speakers Bureau
- Federal Facility Agreement and Consent Order
- Environmental Management Overview
- Transuranic Waste...at the Nevada Test Site
- Low-Level Waste...at the Nevada Test Site
- Transporting Low-Level and Mixed Low-Level Waste to the Nevada Test Site
- Planning and Budgeting
- Regulatory Requirements and Agreements
- Federal Facility Agreement and Consent Order
- Radioactive Waste Management
- Environmental Restoration

The recommendations that were submitted for the *Soils Sub-Project, Mixed Low-Level Waste at the Nevada Test Site, Mixed Low-Level Waste Acceptance Guidance, and Radioactive Waste Acceptance Program* fact sheets have not been completed at this time. Therefore, a separate comment resolution will be provided to the CAB once they are completed.

If you have questions on concerns please contact me at (702) 295-2836.

Kelly K. Snyder
Designated Deputy Federal Officer

PSG:3946.KS

Enclosures:
As stated

Dave Hermann

-2-

March 5, 2008

cc w/encl. via e-mail:

M. A. Nielson, DOE/HQ (EM-13) FORS

E. D. Frost, DOE/HQ (EM-13) FORS

CAB Members and Liaisons

Rosemary Rehfeldt, NREI, Las Vegas, NV

Public Notification for Corrective Actions
March 10, 2008
Las Vegas, Nevada

The Department of Energy (DOE) will be submitting the following 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 30 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 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
545	Dumps, Waste Disposal Sites, and Buried Radioactive Materials	CADD/CR	4/10/08

Additionally, the following is a list of all documents submitted to the Public Reading Rooms within the last 30 days.

CAU Number	CAU Description	Document	Submittal Date
565	Stored Samples	CADD/CR	2/14/08
124	Storage Tanks	CR	2/14/08
543	Liquid Disposal Units	CR	2/28/08

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