



## AGENDA

### CAB FULL BOARD MEETING

Centennial Hills Library  
6711 North Buffalo Drive, Las Vegas, NV 89131

**December 16, 2009**

1. **Open Meeting / Agenda Review** **Denise Rupp**, Facilitator
2. **Chair's Opening Remarks:** **Walt Wegst**, Board Chair
  - Agenda Approval
3. **Public Comment** **Denise Rupp**, Facilitator
4. **Resource Conservation Recovery Act (RCRA)  
Part B Low-Level Waste Cell Application Update** **Tim Murphy**, NDEP
5. **Committee Updates:**
  - **Industrial Sites** **Kathy Bienenstein**, Committee Chair
    - CAU 114 – EMAD Recommendation
    - Locomotive/Train Cars Update
  - **Membership** **Kathy Bienenstein**, Committee Chair
    - CAB Membership Recommendation
    - Student Liaison Recommendation
  - **Soils** **John McGrail**, Committee Chair
    - CAU 371 – Johnnie Boy Crater and Pin Stripe Recommendation
6. **DOE Update:** **Kelly Snyder**, DOE DDFO
  - Environmental Management (EM) Monthly Report (December 2009)
7. **Other CAB Business:** **Walt Wegst**, Board Chair
  - Next Full Board Meeting scheduled for 5:00 p.m. January 13, 2010  
Atomic Testing Museum, Las Vegas, NV
8. **December State of Nevada Notifications** **Kelly Snyder**, DOE DDFO
9. **Meeting Wrap-Up / Assessment** **Denise Rupp**, Facilitator

# Industrial Sites Committee

## Review of

## Review of Corrective Action Unit 114 – Engine Maintenance, Assembly, and Disassembly (EMAD) Facility Closure



# Project Rover

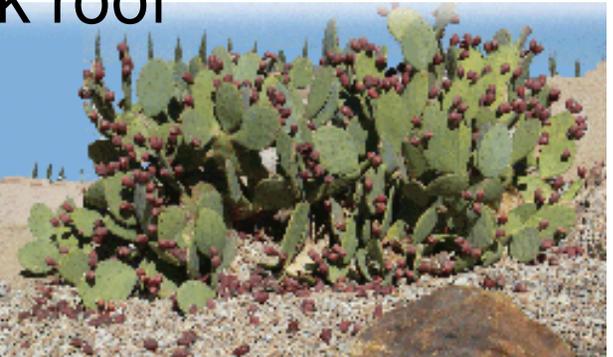
- In the mid-1950s the United States launched a nuclear rocket program called Project Rover
- Located in Area 25 of the Nevada Test Site, the test area became the Nuclear Rocket Development Station (NRDS)
- Program terminated in 1973
- Project Rover developed to the point of in-flight engine development and testing without technical barriers, resulting in the successful test of a nuclear rocket



# EMAD - 1965



- Part of the NRDS
- Constructed at a cost of more than \$50 million
- Largest “hot cell” in the world
- Eight stories high with 100,000 sf of floor space
- Six foot thick walls and 32 inch thick roof



# EMAD - After Project Rover

- 1978 – dry storage of spent fuel demonstration project established
- 1998 – Fluid Tech, Inc. activities
- 1998 – renewed interest for commercial use sparks characterization project



# Closure Options

- Closure in Place with fencing/posting
  - Not feasible due to existing contamination and mission of Environmental Management Program
- Retrofit for commercial use
  - Reviewed by a number of interested parties but costs for retrofitting are prohibitive
  - Would result in loss of historical value
- Demolition to Slab
  - \$29.3 million



# Closure Options *(continued)*

- **Museum conversion** (not an EM project)
  - \$19.9 million – decontamination (demolition or conversion)
  - \$3-4 million – estimated conversion costs (not EM funded)
  - Continued maintenance costs
  - Accessibility issues due to remote location and security requirements/current activities at the NTS
  - Nevada Test Site Historical Foundation (NTSHF) interested in artifacts but not building preservation



# Industrial Sites Committee Recommendation

## Demolition to slab

- Request DOE work with NTSHF to provide appropriate artifacts
- Request DOE continue to explore re-use possibilities between now and demolition





# Community Advisory Board for Nevada Test Site Programs

December 17, 2009

## Members

Walter Wegst, PhD, *CAB Chair*  
Harold Sullivan, *CAB Vice-Chair*  
*Chair, Outreach Committee*

Kathleen Bienenstein, Chair  
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*State of Nevada Division of*  
*Environmental Protection*  
Genne Nelson  
*U.S. National Park Service*

## Administration

Denise Rupp, Administrator  
*Navarro Research & Engineering, Inc.*  
Kelly Snyder, DDFO  
*U.S. Department of Energy,*  
*Nevada Site Office*

Mr. Rob Boehlecke,  
Environmental Restoration Project Director  
U.S. Department of Energy, Nevada Site Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

SUBJECT: Corrective Action Unit (CAU) 114, Engine Maintenance  
Assembly and Disassembly Facility (EMAD) Closure

Dear Mr. Boehlecke,

The Community Advisory Board for Nevada Test Site Programs (CAB) has completed an in-depth review of CAU 114 and the closure options for the EMAD facility.

The CAB acknowledges the unique and integral role the EMAD facility played in the development of a nuclear propulsion engine for use in space exploration. The facility was designed and constructed specifically for the safe assembly and disassembly of a nuclear powered engine and non-nuclear engine subsystems during testing, making it truly one of a kind. Although the mission was cancelled in 1973, the work accomplished at EMAD helped to demonstrate the potential technical feasibility for far-reaching space exploration. Upon initial review, the Board wholeheartedly agreed every effort should be made to preserve the EMAD facility, ideally turning it into a museum.

At the CAB's request, your office contacted the Nevada Test Site Historical Foundation regarding their interest in the possibility of converting EMAD to a museum. While they have no interest in EMAD as a museum, the Foundation did express an interest in obtaining artifacts from the facility for use at the Atomic Testing Museum. The CAB would like to encourage DOE to make available as many historical artifacts as possible to the Foundation.

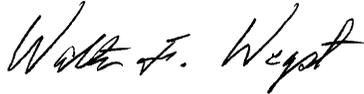
The lack of interest, logistical challenges of accessibility and continuing maintenance costs do not support a museum conversion. The Board also reviewed the possibility of other entities re-using the facility. Unfortunately, the costs for retrofitting the facility have discounted this option despite numerous discussions DOE has had with interested parties over the last several years.

Mr. Rob Boehlecke  
December 17, 2009  
Page 2

Finding no feasible alternatives, it is the CAB's recommendation the EMAD facility be demolished to slab. Given the historic value of the facility, the Board would request Environmental Management continue to explore any possible re-use inquiries/options between now and demolition.

The CAB appreciates the opportunity to review and comment on Industrial Sites at the Nevada Test Site.

Sincerely,

A handwritten signature in black ink, appearing to read "Walter F. Wegst". The signature is written in a cursive style with a large initial "W".

Walter F. Wegst, Chair  
Community Advisory Board  
for Nevada Test Site Programs

cc: C. Lockwood, PSG, NNSA/NSO, Las Vegas, NV  
K. Snyder, PSG, NNSA/NSO, Las Vegas, NV  
D. Rupp, NREI, Las Vegas, NV  
M. Nielson, DOE/HQ (EM-13) FORS  
C. Brennan, DOE/HQ (EM-13) FORS  
A. Clark, DOE/HQ (EM-13) FORS  
CAB Members and Liaisons  
NNSA/NSO Read File



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

Ms. Kelly Snyder, DDFO  
U.S. Department of Energy, Nevada Site Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

SUBJECT: Membership Candidates

Dear Ms. Snyder,

After several months of preparation and review, the Community Advisory Board would like to recommend the following candidates for membership (listed by application number):

2010-01	2010-05
2010-02	2010-07
2010-03	2010-10
2010-04	

While we realize the final decision regarding membership lies with the Assistant Secretary of Environmental Management, we appreciate the opportunity to participate in the recruitment/interview process. We look forward to welcoming new members to the Board in the coming year thus ensuring continued stakeholder involvement in the Environmental Management activities at the Nevada Test Site.

Sincerely,

Walter F. Wegst, Chair  
Community Advisory Board  
for Nevada Test Site Programs

cc: C. Lockwood, PSG, NNSA/NSO, Las Vegas, NV  
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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  
Student Liaisons

Dear Ms. Snyder:

In conjunction with our FY 2010 membership recruitment, the Board would like to recommend the Department of Energy consider the addition of two high school student liaison seats on the Community Advisory Board.

The inclusion of today's youth in the discussion of environmental management issues addressed by the CAB would, no doubt, be beneficial to the Board. In addition, such participation would offer a unique learning experience for the students involved. The Board would further recommend these student liaisons serve one full year terms beginning in May of their junior year, attend Full Board meetings and participate in at least one committee.

The opportunity to involve high school students in CAB activities would be invaluable and we appreciate your consideration of this proposal.

Sincerely,

Walter F. Wegst, Chair  
Community Advisory Board  
for Nevada Test Site Programs

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December 17, 2009

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Environmental Restoration Project Director  
U.S. Department of Energy, Nevada Site Office  
P. O. Box 98518  
Las Vegas, NV 89193-8518

SUBJECT: Closure of Corrective Action Unit (CAU) 371

Dear Mr. Boehlecke,

The Community Advisory Board for Nevada Test Site Programs (CAB) has reviewed several potential closure scenarios for CAU 371. This CAU consists of the Johnny Boy test in Nevada Test Site (NTS) Area 18 and the Pin Stripe test in NTS Area 11. The CAB considered three Corrective Action Alternatives as identified in the Federal Facility and Consent Order: clean closure, closure in place with use restrictions, and no further action.

The CAB recommends closure in place with use restrictions for CAU 371. The cost of clean closure is several orders of magnitude greater than closure in place. While closure in place should be achievable for no more than a few hundred thousand dollars the cost estimate for clean closure is tens of millions of dollars. The total dose to workers under both scenarios is extremely low and the excessive cost for clean closure does not appear to be a prudent use of the limited available funds. We also concluded the cost of closure in place was not so excessive that no further action would be justified.

The CAB also evaluated two potential use standards for the closure in place scenario. The first standard is Industrial Use, which assumes a worker is permanently stationed at the site for 2250 hours per year over a time period of 25 years. The second standard is Occasional Use, which assumes a worker is present at the site for only a limited basis totally 80 hours per year for five years, or 400 total hours of exposure.

The CAB recommends the Occasional Use exposure standard for CAU 371. Both the Johnnie Boy and Pin Stripe sites are in remote locations and have virtually no chance of being developed into some type of project that would drive the Industrial Use standard to be the prudent choice. The likelihood of an NTS worker or visitor ever approaching even 80 hours per year exposure at either Johnnie Boy or Pin Stripe is low. Regardless of which exposure standard is used there should not be any significant personnel exposure, thus the Occasional Use standard appears to be the most cost effective.

Mr. Rob Boehlecke  
December 17, 2009  
Page 2

We are also confident there are sufficient administrative controls in place at the NTS to ensure that if a permanent project was ever proposed for these locations that an appropriate hazard or risk analysis would be performed to protect any worker permanently stationed at these locations.

Sincerely,

Walter F. Wegst, Chair  
Community Advisory Board  
for Nevada Test Site Programs

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## **Environmental Management's Monthly Report to the CAB December 2009**

### **Low-Level Waste (LLW)**

#### **Activities (November)**

- As of November 27, 2009, the cumulative LLW volume received for FY 2010 is 228,947 ft<sup>3</sup> in 385 shipments. The cumulative mixed low-level waste (MLLW) volume received for FY 2010 is 9,903 ft<sup>3</sup> in 19 shipments. LLW Operations has worked 10,634 hours since its last lost-time accident (September 2009).
- During the month of November, the LLW Sub-Project conducted three (3) Radioactive Waste Acceptance Program (RWAP) impromptu surveys on Paducah in KY, Duratek in Oak Ridge, TN, and Materials & Energy Corporation in Oak Ridge, TN.
- An Argonne shipment, en route to the NTS, traveled through the Las Vegas Valley on November 23, 2009. A RWAP Corrective Action Request was submitted to Argonne to ensure appropriate actions are taken to prevent re-occurrence.
- During the week of November 23, Perma-Fix (Oak Ridge, TN) shipped approved LLW to the NTS. Upon arrival, the waste was verified to be disposal compliant, however, it was determined by the generator that the containers did not meet Department of Transportation regulations. The containers did not breach and no contamination was found. The Nevada Site Office has issued a Corrective Action Request to ensure this incident is not repeated. A decision was made to dispose of the waste at the NTS rather than repackaging and returning to the generator location.

#### **Planned Activities (December)**

- Expect to receive approximately 117,000 ft<sup>3</sup> of LLW and MLLW for disposal during the month.
- Bids from Venders are due to NSTec for the MLLW cell build/design contract by December 1, 2009.
- Nevada Site Office Waste Management Project representatives will make a presentation on NTS disposal activities and initiatives at the Perma-Fix 9<sup>th</sup> Annual Mixed and Low-Level Waste Management Forum in Nashville the week of December 7<sup>th</sup>. In addition, a display on the *Proposed Construction of a New Mixed Low-Level Waste Disposal Cell at the NTS* will be the focus of the NTS exhibit at the Forum.
- During the month December, the LLW Sub-Project plans to conduct two (2) RWAP Impromptu Surveillances.

### **Underground Test Area (UGTA)**

#### **Activities (November)**

- Frenchman Flat
  - Continue model documentation and the peer review.
- Pahute Mesa
  - Field stake, and conduct initial land surveys of access roads and drill pad areas and conduct ecological surveys for well sites ER-EC-15 and ER-20-9.
  - Begin construction of access road, drill pad and sumps for the ER-EC-12 well.
  - Begin well development, testing and sampling (WDTS) activities of ER-20-8 #2.
- Yucca Flat
  - Continue transport modeling and model documentation.
- Rainier Mesa/Shoshone Mountain

- Continue flow and transport, modeling efforts.

#### Planned Activities (December)

- Frenchman Flat
  - Phase II Transport document for Nevada Division of Environmental Protection review.
  - Continue preparation for Peer Review
- Pahute Mesa
  - Continue WDTS at ER-20-8 #2.
  - Begin WDTS at ER-20-7
- Yucca Flat
  - Continue transport modeling and model documentation.
- Rainier Mesa/Shoshone Mountain
  - Continue flow and transport modeling efforts.

#### **Industrial Sites**

##### Activities (November)

- Corrective Action unit (CAU) 113, Area 25 R-MAD Facility (American Recovery and Reinvestment Act funded)
  - Completed site setup activities
  - Began demolition activities
- CAU 117, Area 26 Pluto Disassembly Facility (American Recovery and Reinvestment Act funded)
  - Performed site setup activities
- CAU 408, Bomblet Target Area at the Tonopah Test Range (American Recovery and Reinvestment Act funded)
  - Continued field remediation activities
- CAU 560, Septic Systems
  - Performed field remediation activities
- CAU 562, Waste Systems
  - Performed Decision II soil sampling

##### Planned Activities (December)

- CAU 113, Area 25 R-MAD Facility (American Recovery and Reinvestment Act funded)
  - Continue demolition activities
- CAU 117, Area 26 Pluto Disassembly Facility (American Recovery and Reinvestment Act funded)
  - Begin demolition activities
- CAU 408, Bomblet Target Area at the Tonopah Test Range (American Recovery and Reinvestment Act funded)
  - Perform field remediation activities
- CAU 560, Septic Systems
  - Perform field remediation activities
- CAU 562, Waste Systems
  - Complete Decision II sampling activities

#### **Soils**

##### Activities (November)

- CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters (American Recovery and Reinvestment Act funded)

- Performed aerial radiological surveys
- CAU 372, Area 20 Cabriole/Palanquin Unit Craters
  - Performed field investigation activities
- CAU 374, Area 20 Schooner Unit Crater (American Recovery and Reinvestment Act funded)
  - Conducted Data Quality Objectives (DQO) Meeting

Planned Activities (December)

- CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters (American Recovery and Reinvestment Act funded)
  - Submit Final Corrective Action Investigation Plan (CAIP) to Nevada Division of Environmental Protection
  - Perform aerial radiological surveys
- CAU 371, Johnnie Boy Crater and Pin Stripe
  - Conduct Corrective Action Alternative Meeting
- CAU 372, Area 20 Cabriole/Palanquin Unit Craters
  - Continue field investigation activities
- CAU 375, Area 30 Buggy Unit Craters (American Recovery and Reinvestment Act funded)
  - Conduct DQO Meeting
  - Conduct site visit with Nevada Division of Environmental Protection

**Public Involvement**

Activities (November)

- Published an EM News Flash article, “Tonopah Test Range Bomblet Target Areas to be Cleared,” on November 10, 2009.
- Environmental Management Public Involvement participated in the bimonthly CHOLLA (Connecting Hands: Offering Lifelong Learning Adventures) meeting at the Springs Preserve on November 17, 2009.
- 125 copies of the Operation Clean Desert activity book and 300 copies of the computer game were provided to H.O.P.E. Counseling Services ([www.hopecounselingservices.net](http://www.hopecounselingservices.net)) on November 19, 2009.
- Participated in Community Advisory Board activities.

Planned Activities (December)

- Publishing an EM News Flash article updating UGTA drilling and sampling activities and submitting it for the DOE HQ newsletter.
- Publishing an EM News Flash article on demolition activities at the Reactor Maintenance, Assembly, and Disassembly (R-MAD) Building.
- Participate in Community Advisory Board activities.

**Public Notification of Corrective Actions**

**December 2, 2009**

**Las Vegas, Nevada**

The Department of Energy (DOE) will not be submitting any 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.

**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**

The following is a list of all documents submitted to the Public Reading Facilities during November 2009. Attached is the Executive Summary from the document listed below.

<b>CAU Number</b>	<b>CAU Description</b>	<b>Document</b>
530	Los Alamos National Laboratory (LANL) Preshot Mud Pits	
531	LANL Postshot Mud Pits	
532	Lawrence Livermore National Laboratory (LLNL) Preshot Mud Pits	Mud Pit Risk-Based Closure Strategy Report, Nevada Test Site, Nevada, Rev. 0, August 2004
533	LLNL Postshot Mud Pits	
534	Exploratory/Instrumentation Mud Pits	
535	Mud Pits/Disposal Areas	

## **Executive Summary for the Mud Pit Risk-Based Closure Strategy Report**

This Mud Pit Risk-Based Closure Strategy Report, Nevada Test Site, Nevada, details a risk-based approach that will be used to investigate and close Corrective Action Units (CAUs) 530, 531, 532, 533, 534, and 535. These CAUs are located in 14 U.S. Department of Energy (DOE) areas of the Nevada Test Site (NTS), and consist of 270 individual Corrective Action Sites (CASs). For the purposes of this report, these CASs will be referred to as the NTS mud pits.

The Mud Pit Strategy, Mud Pit Identification, and Mud Pit Inventory reports were the preceding NTS mud pit documents. They provided historical and operational information about the NTS mud pits as well as the process that led to their entry into the Federal Facility Agreement and Consent Order (FFACO). The Mud Pit Risk-Based Closure Strategy Report, Nevada Test Site, Nevada builds upon the data from the preceding reports.

This report presents the findings of the human and ecological risk assessment for the NTS mud pits. The risk assessment utilizes data from 52 of the 270 NTS mud pits in conjunction with corroborative data from 87 other DOE mud pits associated with nuclear testing (at locations on the NTS, in the western United States, and Alaska) as well as relevant process knowledge. Based on the risk assessment findings, the report provides a strategy for further evaluation, characterization, and closure of all 270 NTS mud pit CASs using the Streamlined Approach for Environmental Restoration (SAFER).

This risk assessment methodology uses established U.S. Environmental Protection Agency (EPA) and DOE guidance for evaluating the human health and ecological risks associated with residual contamination at the NTS mud pits. These guidances, which are discussed in Section 1.3, set forth steering principles for conducting risk and dose assessments and provide a regulatory framework to ensure technical and policy consistency within the regulated community. They are used nationwide in regulatory settings to evaluate the risks associated with chemical and radiological contamination, and to guide cleanup decisions. They are widely used and accepted as appropriate for Comprehensive Environmental Response Compensation and Liability Act (CERCLA) risk assessments, such as those associated with the NTS mud pits.

The risk-based closure strategy is feasible and in agreement with the CERCLA risk assessment and regulatory framework, and with the National Contingency Plan. The risk-based strategy includes an evaluation of the risks or threats posed by contaminants at the NTS mud pits, assessment of approaches to address data gaps that hold back the decision process, identification of a familiar path forward, completion of remaining characterization and remediation work (as necessary), and verification and regulatory closure. However, at this point in time, there is insufficient information to implement the strategy without further investigation. There are data gaps which generate more uncertainty than can be accepted in the decision process. In order to implement the risk-based strategy, the deficiencies related to these uncertainties in the risk assessment information must be overcome. The principal findings of the risk assessment include:

- The primary contaminants of concern (COC) at the NTS mud pits are petroleum hydrocarbons. Petroleum hydrocarbons, such as diesel fuel, were used as drilling lubricants. Additional COCs include a limited number of radionuclides that are most likely associated with legacy fallout on the ground surface and/or residual contamination from underground tests that vented to the atmosphere.
- Conservatively estimated exposures to humans who may contact hydrocarbon and radiologically contaminated mud pit soils in the future are well within regulatory risk assessment compliance limits.
- Conservatively estimated exposures to terrestrial plants that may contact mud pit soils are also

within ecological regulatory risk assessment compliance limits, and there are no issues with listed threatened and endangered species.

- Additional sampling of the petroleum hydrocarbons contamination is required to increase the statistical confidence in the characterization.

Based on these findings, this strategy sets forth a SAFER Plan for characterizing the NTS mud pits using regulatory risk assessment results as the gauge of compliance. The Plan utilizes Data Quality Objectives as a road-map and conventional statistical methods to derive a standard characterization approach for efficiently characterizing the NTS mud pits. The Plan includes:

- Characterizing the 270 NTS mud pit CASs using a strategy based on data from a total of 104 CASs.
- Obtaining petroleum hydrocarbon analysis from 52 unsampled CASs using a systematic random grid for 10 surface soil samples at each of the selected CASs.
- Assessing the human health and ecological risks from each CAS that is characterized.
- Applying a decision logic that leads to closure of the NTS mud pits with the no further action alternative, if the additional data matches the hypothesis.

The strategy provides a 95 percent assurance against a false negative error for any CAS which is characterized (i.e., directly sampled). A false negative error occurs if it is determined later that additional actions to control the risks to acceptable levels were necessary for a CAS that was originally determined to not require further action for closure. The strategy also gives a 90 percent assurance against a false negative error for NTS mud pits that are not sampled. This is because the statistically based approach provides a 95 percent confidence that no more than 5 percent of the NTS mud pits will exceed compliance limits. The NTS mud pits that are not sampled will be characterized based on process similarity and association with results of NTS mud pits that are sampled. A decision logic that is part of the strategy involves stakeholders. If indeterminate characterization results are obtained, the decision logic can, in consultation with the stakeholders, lead to additional characterization.

The path forward includes the following steps:

1. Finalizing this report with the Nevada Division of Environmental Protection (NDEP).
2. Development of a single SAFER Plan for CAUs 530 through 535 and obtaining NDEP concurrence.
3. Characterization of 52 randomly selected NTS mud pits representing each mud pit category.
4. Preparation of the Closure Report.
5. Obtaining NDEP concurrence on the Closure Report.
6. Allowing all other mud pits that are in the FFACO, but are not currently included in CAUs 530-535, to be closed in the future using the data provided in the SAFER Plan and Closure Report, provided they are operationally similar to the NTS mud pits.

The findings in this strategy report are reasonable and can be traced to accepted regulatory guidance. As a result, the strategy report provides appropriate information upon which decision makers can rely for taking into consideration risk management options.



## FY 2010 Work Plan

<i>(numbers reflect priority)</i>	<b>Task</b>	<b>Committee Assignment</b>	<b>Completion Date</b>	<b>Status</b>
1	Corrective Action Unit (CAU) 114 Engine Maintenance, Assembly, and Disassembly Facility (EMAD) – evaluate possible clean up scenarios DOE is considering and make recommendation regarding path forward for remediation site	Industrial Sites	Dec-09	recommendation in progress
2	2 Locomotive and 4 Train Cars used in DOE activities at the Nevada Test Site – review possible use/disposal	Industrial Sites	Mar-10	
3	New Mixed Low-Level Waste Disposal Cell – provide recommendation during State of Nevada public comment period regarding CAB's stance on Resource Conservation Recovery Act (RCRA) Permit for construction and utilization of new MLLW disposal cell	Transportation/ Waste	Dec-09	recommendation submitted 12/8/09
4	FY 2012 Budget – provide recommendation regarding the CAB's FY 2012 sub-project funding prioritization	Budget	Mar-10	
5	UGTA Approach for Lower Risk CAUs – year-long education opportunity in anticipation of future FY recommendation exploring possibility of moving from modeling to monitoring approach	UGTA	n/a	
6	Pahute Mesa Drilling Campaign Wells – evaluate DOE's potential uses for offsite UGTA wells and provide recommendation regarding path forward	UGTA	Mar-10	
7	Membership Recruitment – recruit, interview and recommend potential Board members	Membership	Jan-10	
8	Waste Volumes and Transportation - research and analyze waste volume moving along waste transportation routes as well as alternative reporting of shipments and make recommendations	Transportation/ Waste	TBD	
9	Groundwater Models – review and make recommendations regarding DOE's updated groundwater model flow paths	UGTA	Mar-10	

<i>(numbers reflect priority)</i>	<b>Task</b>	<b>Committee Assignment</b>	<b>Completion Date</b>	<b>Status</b>
10	CAU 372, Area 20 Cabriole/Palanquin Unit Craters – evaluate possible closure scenarios DOE is considering and make recommendation regarding path forward for closing the site	Soils	Jan-10 July-10	
11	Groundwater Wells Completion Reports – review and make recommendations on completion reports for ER-20-7, ER-20-8, ER-20-8#2, and all FY 2010 wells	UGTA	TBD	
12	Operation Clean Desert Enhancement – explore and make recommendations on possible science activities to enhance EM Outreach’s Operation Clean Desert program	Outreach	TBD	
13	CAB Outreach Display – Develop a CAB outreach display to increase CAB awareness	Outreach	May-10	
14	CAU 371, Johnnie Boy Crater and Pin Stripe – evaluate possible closure scenarios DOE is considering and make recommendation regarding path forward for closing the site	Soils	Dec-09	recommendation in progress
15	Explore possibility of CAB-sponsored science Fair in conjunction with Beatty schools in 2009/2010 school year	Outreach	May-10	
16	DOE Public Education – make recommendations to DOE regarding ongoing public education of test site activities/history	Outreach	ongoing	
17	Low-Level Waste Sub-Project Funding Cut – provide recommendation regarding ~\$17 million cut in funding since FY 2009	Budget	Mar-10	
18	DOE Land Withdrawal – review and make recommendation regarding DOE’s withdrawal in response to land-use issues raised by the State of Nevada Attorney General	Transportation/ Waste	TBD	removed from plan 11/19/09 - land transfer completed