



MEETING MINUTES

Full Board Meeting

5:00 p.m. – July 14, 2010

Frank Rogers Auditorium
755 E. Flamingo Road, Las Vegas, NV

Members Present:	Kathy Bienenstein, Bob Gatliff, Dave Hermann, Robert Johnson, John McGrail, Gregory Minden, Michael Moore, Harry Mortenson, Jackson Ramsey, Hal Sullivan, Michael Voegele, James Weeks, Walt Wegst
Members Absent:	Patricia Fleming, Donna Hruska, Vernell McNeal, Diane Niezgodski, Ted Oom
Liaisons Present:	Bob Gamble (Nye County), Phil Klevorick (Clark County), Tim Murphy (NDEP)
Liaisons Absent:	Genne Nelson (NPS Liaison), Scott Wade (DOE)
U.S. Dept. of Energy:	Rob Boehlecke, Jhon Carilli, Kelly Snyder (DDFO), Bill Wilborn
Technical Support Staff:	Dr. Helen Neill (UNLV)
Public Present:	Chris Andres (NDEP), Cecilia Gomez (Las Vegas, NV), Cassidee Shinn (Henderson, NV)
Facilitator:	Denise Rupp, Navarro Research & Engineering, Inc.

Walt Wegst, Chair, welcomed members and guests to the meeting. After review and with no changes to the agenda, Vice-Chair Hal Sullivan moved to approve the agenda. Member Kathy Bienenstein seconded the motion and it was passed unanimously.

Kelly Snyder, DDFO, informed the Board that four members, Robert Gatliff, Dave Hermann, Ted Oom, and Jackson Ramsey, have completed their membership terms. Ms. Snyder expressed appreciation for the members' contributions and invited their continued participation in the CAB as members of the public.

FY 2011 Environmental Management (EM) Introduction (*Rob Boehlecke, Environmental Restoration Federal Project Director*)

- EM's baseline funding for FY 2011 is \$79,534 (\$K) (not including Program Direction or American Reinvestment and Recovery Act [ARRA] dollars)
- DOE will provide suggested FY 2011 CAB work plan items based on FY 2011 EM activities
- EM activity dates presented are tentative and CAB input would be requested in advance of these dates

FY 2011 Environmental Restoration Activities (*Rob Boehlecke, Environmental Restoration Federal Project Director*)

- A review of the remediation processes was provided including:
 - Corrective Action Investigation Plans (CAIP)
 - Site Investigations
 - Corrective Action Decision Documents (CADD)
 - Closure Field Work
 - Closure Reports (CR)
 - Combined CADD/CR
- Note: * denotes ARRA funded projects.
 -
- Industrial Sites Planned Activities for FY 2011

Area 25 Reactor Maintenance Assembly and Disassembly (R-MAD) Facility, Corrective Action Unit (CAU) 113*	CR Addendum to State of Nevada Division of Environmental Protection (NDEP)	December 2010
Area 25 Test Cell C Facility, CAU 116	1) Complete demolition of main building 2) CR to NDEP	July 2011 September 2011
Area 26 Pluto Disassembly Facility, CAU 117*	1) Complete demolition of main building 2) CR to NDEP	April 2011 July 2011
Areas 25 & 26 Railroad Tracks, CAU 539*	1) Complete field characterization and remediation 2) CR to NDEP	January 2011 June 2011
Miscellaneous Contaminated Waste Sites, CAU 547	Streamlined Approach for Environmental Restoration Plan to NDEP	May 2011
Engine Maintenance Assembly and Disassembly (EMAD) Compound, CAU 566	1) Complete characterization and closure fieldwork 2) CR to NDEP	February 2011 June 2011
Resource Conservation Recovery Act (RCRA), non-RCRA and Tonopah Test Range post-closure sites	1) Complete post-closure inspections 2) Monitoring reports to NDEP	throughout FY 2011 May 2011

- Soils Planned Activities for FY 2011

Area 20 Schooner Unit Crater, CAU 374*	1) Complete characterization field work 2) CADD to NDEP	January 2011
Area 20 Cabriole/Palanquin Unit Craters, CAU 372	CADD to NDEP	October 2010
Areas 5 & 11, Frenchman Flat Atmospheric Sites, CAU 106*	1) Complete field work 2) CADD to NDEP	October 2010 May 2011
Area 10 Sedan, Ess and Uncle Unit Craters, CAU 367*	CADD to NDEP	January 2011
Area 39 Buggy Unit Craters, CAU 375*	CADD to NDEP	February 2011
Area 11 Plutonium Valley Unit Safety Shots, CAU 366	1) CAIP to NDEP 2) Begin characterization field work	February 2011 March 2011
Baneberry Contamination Area, CAU 365*	1) Complete CAIP 2) Complete characterization field	December 2010

	work	April 2011
Area 3 Yucca Flat Atmospheric Test Sites, CAU 569	Begin CAIP	July 2011
Area 7 Yucca Flat Atmospheric Test Sites, CAU 204*	CAIP to NDEP	September 2011

- Underground Test Area (UGTA) Planned Activities for FY 2011

Frenchman Flat	1) CADD/Corrective Action Plan to NDEP 2) Begin Closure Report	June 2011 June 2011
Central/Western Pahute Mesa	1) Drill one well 2) Complete well development and testing at three wells 3) Begin aquifer testing data collection and analysis	November 2010 throughout FY 2012 May 2011
Yucca Flat	1) Revision 0 of Transport Model to NDEP 2) Begin Phase II CAIP	July 2011 August 2011
Rainier Mesa/Shoshone Mountain	1) Complete Source Term data analysis 2) Continue Flow Model data analysis and evaluation 3) Continue Transport Model data analysis and evaluation	September 2011 ongoing thru April 2011 ongoing through August 2012

FY 2011 Waste Management Activities (*Jhon Carilli, Low-Level Waste Federal Sub-Project Director*)

Safely dispose 1.6 million ft ³ forecasted Low-Level Waste (LLW) and Mixed Low-Level Waste (MLLW)	throughout FY 2011
Conclude current MLLW disposal activities	November 2010
Begin MLLW disposal at new Mixed Waste Disposal Unit	March 2011
Complete construction of two new LLW disposal cells	November 2010
Receive Mixed Waste Storage Unit permit from NDEP	December 2010
Closure of 92-Acre portion of Area 5 Radioactive Waste Management Site <ul style="list-style-type: none"> • Prep work • Closure construction 	through December 2010 December 2010 – May 2011
Receive Hazardous Waste Storage Unit Storage Permit (Area 5 – Drum Yard)	December 2010
Receive Explosive Ordnance Disposal Unit Permit (Area 11)	December 2010
Determine DOE Complex need for mixed waste treatment on the NTS	throughout FY 2011
Operationally close disposal cells as necessary	throughout FY 2011

In response to CAB member questions, Mr. Carilli provided the following additional information:

- RCRA Disposal Permit was received from NDEP July 12, 2010 with construction to begin within the next few weeks
- Mixed waste treatment for the DOE Complex would be macro encapsulation
- Unexploded ordnances are disposed of by detonation; once detonated no hazardous waste remains

Public Comment – none

Committee Updates

Industrial Sites Committee (*Kathy Bienenstein, Committee Chair*)

Due to member availability, a meeting date could not be scheduled to discuss Work Plan Item #2 regarding the disposal of train cars at the Nevada Test Site (NTS). Ms. Snyder will determine if it is possible to change the completion date for this task.

Membership Committee (*Kathy Bienenstein, Committee Chair*)

No response has been received from either the Pahrump Valley High School Principal or the Nye County School Superintendent regarding student liaison positions. Contact efforts will continue.

Member Bienenstein raised the issue of member attendance at both Full Board and committee meetings. The CAB Standard Operating Procedures dictate members must attend at least 50% of all Full Board meetings shall be removed from the Board. Additionally, members are required to participate in at least one committee. There are members who have missed more than 50% of the Full Board meetings as well as some who are either not participating in committees or not attending committee meetings. With 14 members on the CAB, this lack of attendance adversely affects the CAB at both the Full Board and committee levels. While the SOPs indicate a member is to be removed for non-attendance, the CAB was reminded membership is at the discretion of the Assistant Secretary. The Membership Committee will review the attendance issues and possible remedies.

Soils Committee (*John McGrail, Chair*)

The Soils Committee is still awaiting information from DOE EM Soils sub-project regarding CAU 372, Area 20 Cabriole/Palanquin Unit Craters (Work Plan item #10). DOE has advised field work will not be complete until late September. As a result, the completion date for this item will be changed.

Transportation/Waste Committee (*Robert Johnson, Chair*)

A meeting will be scheduled to develop a recommendation for Work Plan Item #20 regarding the MWSU Permit Application. The recommendation will be submitted through DOE to NDEP during the State's public comment period.

No action on Work Plan Item #8 regarding waste volumes and transportation will be taken at this time.

UGTA Committee (*Jim Weeks, Member*)

Member Weeks reviewed the proposed letter of support to the DOE regarding the revised UGTA strategy. The revised strategy recognizes the evolving process of characterization, data collection, modeling and evaluation. Improvements include more flexibility to address uncertainties, additional decision points, and institutional controls. The strategy represents a comprehensive process toward determining location and movement of radioactive contamination in groundwater at the NTS.

Chris Andres, NDEP, requested a change to the first sentence of the last paragraph to include NDEP after "State of Nevada." This will identify the specific State division involved. Member Johnson moved to approve the letter, as changed. Vice-Chair Sullivan seconded the motion and it was passed unanimously.

Work Plan Review (*Denise Rupp, Facilitator*)

- Item 2 checking on completion date
- Item 5 letter of support approved, to be submitted to DOE
- Item 8 no action at this time
- Item 10 awaiting DOE data, due late September

- Item 11 awaiting DOE completion reports
- Item 19 awaiting response from Pahrump Valley High School/Superintendent
- Item 20 meeting to be scheduled August 2010

EM Site-Specific Advisory Board (SSAB) Update *(Walt Wegst, Chair)*

- EM SSAB Baseline Funding Recommendation
A discussion was held on Draft 5-6-2010 from the EM SSAB to Dr. Inez Triay. In this draft recommendation the EM SSAB urges DOE/EM ensure momentum of cleanup at sites through activities funded by ARRA dollars does not cease. It is suggested this would be accomplished by requesting DOE/EM continue base program funding for all 2012 planned projects.

Discussion points included:

- Losing workers due to the cessation of ARRA funding would mean more unemployment in southern Nevada
- Skilled workers have the opportunity to find employment within DOE and EM as older workers leave
- Temporary stimulus dollars should not be made permanent

Member Michael Voegele moved to reject EM SSAB Draft 5-6-2010. Member Bienenstein seconded the motion. The motion passed by majority vote with Members Harry Mortenson and Hal Sullivan voting in support of the recommendation.

- Fall EM SSAB Chairs Meeting
 - Top 3 Issues/Achievement/Activity
Chairman Wegst discussed the differences between EM activity at the Nevada Test Site and at other sites throughout the complex. Due to the location of the NTS there are not issues affecting a large portion of the population. Consequently, the top issues for the CAB do not change as much or as often as other sites.

After discussion, the following items were agreed for presentation at the Fall EM SSAB Chairs Meeting:
Top Issues
– Groundwater Contamination
– Mixed Waste Storage Unit
Activity
– Consideration of moving toward Full Board Only structure for the CAB
 - CAB members were asked to consider participating in the upcoming EM SSAB Chairs meetings in Santa Fe. Members Bienenstein, Moore and Voegele expressed interest in attending with Vice-Chair Sullivan willing to attend if necessary.

Other CAB Business *(Walt Wegst, Chair)*

- Member Tour Update
18 CAB members and guests attended the June 17 NTS tour. Although he had been on many tours of the NTS, Chairman Wegst expressed appreciation to the tour guide who provided good information and a wealth of knowledge. Denise Rupp will make tour photos available to the CAB members.

Discussion during the tour revealed a desire by CAB members for a better understanding of radiation. It was suggested a workshop could be given, possibly prior to a Full Board meeting, for those interested. Presentations have been made in the past and Ms. Snyder will look into developing a new program.

- Executive Committee

The CAB was advised of the Executive Committee discussion regarding moving toward a Full Board only structure for the CAB. Ms. Snyder reviewed the presentation given to the Executive Committee (which will be made available to all CAB members). Chairman Wegst asked members to consider restructuring the CAB and be prepared to discuss it at the September 1 meeting. The majority of the CAB was open to the concept.

- **RadWaste 2010**
RadWaste 2010 is scheduled for September 7-10 in Las Vegas, NV. Funding is available for one CAB member to attend. Member Voegelé is already scheduled to attend and offered to update the CAB if no CAB representative can attend. Registration must be completed by August 14.
- The next Full Board meeting is scheduled for Wednesday, September 1, 2010. The starting time for the meeting will be at 4:00 p.m. to accommodate CAB Work Plan development and discussion of moving to the Full Board Only structure. The meeting will be held at the Frank Rogers Auditorium, 755 East Flamingo Road, Las Vegas, NV.

State of Nevada Notifications (*Denise Rupp, Facilitator*)

Public Notification of Corrective Actions for May and June 2010 were provided.

Member Bienenstein moved to adjourn the meeting. Member Weeks seconded the motion and it was passed unanimously. The meeting adjourned at 7:55 p.m.