

Northern New Mexico Citizens' Advisory Board Meeting January 30, 2008 2:00 p.m. to 8:00 p.m. Santa Fe Community College, Jemez Complex 6401 Richards Avenue Santa Fe, New Mexico

ATTENDING:

NNMCAB Members-

- 1. J. D. Campbell, Chair
- 2. Fran Berting, Vice Chair
- 3. Pam Henline, EMSR Committee Chair
- 4. Terry Boyle, EMSR Committee Vice Chair
- 5. Ralph Phelps, WM Committee Chair
- 6. Larry Rapagnani, WM Committee Vice Chair
- 7. Joseph Mark Chavarria
- 8. Donald Dayton
- 9. Robert Gallegos
- 10. Mike Loya
- 11. Gerald Maestas
- 12. Lucy Foley
- 13. Jane Gaziano
- 14. George Heindel
- 15. Kyo Kim
- 16. Ken LaGattuta
- 17. Richard Lehmann
- 18. Lawrence Longacre
- 19. Kathleen Hall
- 20. Karen Torres
- 21. Susan Crutchfield

Excused Absence-

- 1. Barbara Gonzales
- 2. Antonio Lopez

Absent-

1. Eva Artschwager

Liaison Members-

Mat Johansen for George Rael, Department of Energy (DOE) Los Alamos Site Office (LASO) James Bearzi, Hazardous Waste Bureau Chief, New Mexico Environment Department (NMED) Susan Stiger, Environmental Programs Director, Los Alamos National Laboratory (LANL)

Also Attending-Christina Houston, Deputy Designated Federal Officer (DDFO)

NNMCAB Staff-Menice Santistevan, Executive Director Lorelei Novak, Technical Programs and Outreach Grace Roybal, Office Administrator Edward Roybal, Sound Technician Ed Moreno, Facilitator

Guests in Attendance-

- 1. Gloria Zamora, Senator Jeff Bingaman's Office
- 2. Ed Worth, DOE
- 3. Danny Katzman, LANL
- 4. Bob Gilkeson, Public
- 5. Ardyth Simmons, LANL
- 6. David Gregory, DOE
- 7. Joni Arends, Concerned Citizens' for Nuclear Safety (CCNS)
- 8. Lorrie Bonds-Lopez, LANL
- 9. Bryan D. Adams, WDC Exploration and Wells
- 10. David Bardsley, WDC Exploration and Wells
- 11. Mark Everett, LANL

MEETING AGENDA:

- I. Call to Order- Christina Houston, DDFO.
- II. Establishment of Quorum:
 - a. Roll Call.
- III. Welcome and Introductions- Ed Moreno.
- IV. Approval of Agenda.
- V. Approval of Minutes of November 28, 2007.
- VI. Board Business / Reports:
 - > Written Report from Chair- J. D. Campbell
 - > Written Report from Executive Director-Menice Santistevan
- VII. Old Business.
 - a. Consideration and Action Proposed amendment to NNMCAB Bylaws
 - b. Consideration and Action Recommendation 2007-05 (Tabled on November 28, 2007
- VIII. New Business.
 - a. Board Effectiveness, Stakeholder and DOE Responsiveness Surveys-Larry Rapagnani
 - b. NNMCAB input to DOE on the FY'09, FY'10 Environmental Management Budgets- J.D. Campbell
- IX. Committee Reports:
 - ➤ Environmental Monitoring, Surveillance and Remediation Committee- Written Report from Chair- Pam Henline
 - Update on LANL Quarterly Workshop
 - Waste Management Committee- Written Report form Chair-Ralph Phelps
 - Update on Spring NNMCAB Sponsored Forum
- X. Presentation:
 - Quarterly Progress Review and Budget Update on Environmental Programs at LANL- David Gregory, Department of Energy
- XI. Report from Liaison Members:
 - > EPA- Rich Mayer, submitted written report
 - > DOE- Mat Johansen for George Rael
 - NMED- James Bearzi
- XII. Public Comment Period.
- XIII. Presentations:
 - Fundamentals of Well Drilling- Bryan D. Adams, David Bardsley, WDC Exploration and Wells

- > Well Construction Practices- Mark Everett, LANL
- XIV. Recap of Meeting: Issuance of Press Releases, Editorials, etc.
- XV. Adjournment- Christina Houston, DDFO.

MEETING MINUTES:

I. Call to Order Christina Houston, DDFO.

The regular bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board (NNMCAB or CAB) meeting was held on January 30, 2008 at Santa Fe Community College in Santa Fe, New Mexico. The Chair, J. D. Campbell presided. Ed Moreno served as the facilitator for the meeting. Christina A. Houston, Deputy Designated Federal Officer (DDFO), stated that on behalf of the Department of Energy (DOE), the regular bi-monthly meeting of the NNMCAB was called to order at 2:15 p.m. The regular meeting of the NNMCAB was open to the public and posted in *The Federal Register* in accordance with *The Federal Advisory Committee Act*.

II. Establishment of Quorum.

Roll Call- 21 members present.

Ms. Houston, Deputy Designated Federal Official (DDFO) from the Department of Energy (DOE), declared a quorum with twenty-one members present at the meeting. Ms. Houston approved excused absences for Barbara Gonzales and Antonio Lopez. Ms. Houston received one resignation from Joey Jablonski due to time constraints and other commitments. She congratulated the new members on their recent appointment. Ms. Santistevan reminded the new members to send a letter of acceptance regarding their appointment to Secretary Rispoli with a copy to Ms. Santistevan.

III. Welcome and Introductions.

Mr. Moreno asked for introductions from the group at the main table, which included twenty-one CAB members, the DDFO, CAB staff and liaison members. Mr. Moreno also asked for introductions of the guests in attendance. Mr. Moreno announced that there was a public comment period scheduled at 6:00p.m.

IV. Approval of Agenda.

The Board reviewed the agenda. Dr. Campbell called for an addition to new business to discuss NNMCAB input to DOE on the FY'09 and FY'10 Environmental Management Budgets. The following changes or announcements regarding the agenda were made:

- Mr. Mat Johansen, DOE provided liaison comments for Mr. George Rael, DOE who could not attend the meeting.
- o Mr. David Gregory presented the DOE Quarterly Progress Review and Budget Update on Environmental Programs at LANL for Mr. Rael.
- o Mr. Rich Mayer, EPA, could not attend the meeting, however, provided a written report.

 Mr. Moreno mentioned the new format of agenda included the board reports in the meeting packets. To save time the reports will not be given verbally, specific questions can be brought up in new business.

Mr. Moreno asked for a motion to approve the agenda as amended. Dr. Berting made a motion to approve the January 30, 2008 meeting agenda as amended. Mr. Phelps seconded the motion. The agenda was approved.

V. Approval of Minutes of November 28, 2007.

Mr. Moreno asked for a motion to approve the November 28, 2007 CAB Meeting minutes. Ms. Novak received minor editorial comments from Dr. Berting who stated she liked the new minutes format. Dr. Rapagnani also appreciated the new electronic minute format with the embedded hyperlinks.

Dr. Berting made a motion to approve the minutes and Mr. Phelps seconded the motion. The minutes were approved.

VI. Board Business / Written Reports.

a) Report from Chair J.D. Campbell.

☞ View Chair's written report online

A printed copy of Dr. Campbell's report can be requested from the CAB office at (505) 989-1662 or via email.

b) Report from Executive Director Menice Santistevan.

▼ View Executive Director's written report online

A printed copy of Ms. Santistevan's report can be requested from the CAB office at (505) 989-1662 or via email.

VII. Old Business.

a. Second Reading Consideration and Action - proposed amendment to NNMCAB Bylaws.

Mr. Moreno read the revised language to the Board's 2/3-majority quorum, which served as the second reading.

Dr. Berting considered the new wording to be very clear and solved the language issue.

Dr. Berting made a motion to approve the bylaws change.

Ms. Henline seconded the motion.

The motion was unanimously approved.

Dr. Campbell stated that some editorial changes on the Bylaws are being worked on at the Executive Committee level. The Board will hear about a couple more changes. The Executive Committee planned to forward all approved changes at once. Mr. Boyle requested that the whole Board be involved in the process, which was so noted by the Chair.

b. Consideration and Action - Recommendation 2007-05 (Tabled on November 28, 2007)

<u>View Recommendation 2007-05 "Concern for Rework of Screens in Groundwater</u> Monitoring Well R-22" online.

A printed copy of Recommendation 2007-05 can be requested from the CAB office at (505) 989-1662 or <u>via email</u>.

Ms. Henline led the discussion regarding draft Recommendation 2007-05, "Concern for Rework of Screens in Groundwater Monitoring Well R-22" sponsored by the EMSR Committee. The draft recommendation was tabled at the last CAB meeting. After mostly editorial and not substantive wordsmithing and reviews in each technical committee, the recommendation was brought back before the Board for consideration and action.

In summary, draft 2007-05 recommended:

- 1. The NNMCAB recommends that the DOE carefully evaluate the potential for significant cross contamination of the aquifer during the proposed rework of well R-22.
- 2. The NNMCAB recommends that, in order to insure optimum detection probability of groundwater contamination beneath MDA-G, the DOE install the proposed two new monitoring wells prior to undertaking any rework of well R-22. The NNMCAB suggests that the optimum location of these two new wells will be close to the border of MDA-G, on its down gradient side.
- 3. The NNMCAB recommends that if the risk of significant cross contamination of the aquifer is high, the DOE inform the NMED that the existing Westbay screens within well R-22 should remain undisturbed and used primarily to obtain groundwater levels within the aquifer.

The intent of this recommendation was to reduce the potential for cross contamination of the aquifer beneath MDA-G during the proposed rework of well R-22. The proposed new monitoring wells adjacent to well R-22 can provide information on contamination near the water table beneath MDA-G. Further needs for monitoring of the aquifer in this area can be assessed when data from the new wells are available.

The Board discussed the recommendation.

Ms. Henline made a motion to approve the draft with the following changes:

- Recommendation No. 1 left as is,
- New language for recommendation No. 3 to become recommendation No. 2.
 Second:

Dr. Berting seconded the motion.

The motion was unanimously approved. Recommendation 2007-05 was submitted to the DOE.

VIII. New Business.

a. Board Effectiveness, Stakeholder and DOE Responsiveness Surveys- Larry Rapagnani

Dr. Rapagnani asked if all the members received the DOE Responsiveness Survey. He planned to adapt the OakRidge Effectiveness Survey to the needs of this CAB. He hoped to have the survey completed for the May '08 Board Retreat. He requested the CAB members send their comments via email.

b. NNMCAB input to DOE on the FY'09, FY'10 Environmental Management Budgets- J.D. Campbell

Dr. Campbell discussed the DOE Environmental Management (EM) FY'10 Budget process. He stated that the CAB has been invited to provide input on the new budget. Ms. Houston requested the Board get twenty-five copies of the Baseline for review. Ms. Bonds-Lopez, LANL, received the request. Dr. Campbell requested the Board review the budget and be prepared to make comments. Ms. Houston asked the Board to remain within the scope of the CAB's mission when considering its comments.

IX. Committee Reports.

- ➤ Environmental Monitoring, Surveillance and Remediation Committee Report.
 - **☞** <u>View EMSR Committee Chair's written report online</u>

Ms. Henline acted as the reporting member for the EMSR Committee. A printed copy of Ms. Henline's report can be requested from the CAB office at (505) 989-1662 or <u>via email</u> Additionally, Ms. Henline discussed the upcoming LANL sponsored Quarterly Workshop on Groundwater. ** View LANL Quarterly Workshop on Groundwater Agenda online

> Waste Management Committee Report.

♥ View WM Committee Chair's report online

Mr. Phelps, WM Committee Chair, acted as the reporting member for the WM Committee. A printed copy of Mr. Phelps report can be requested from the CAB office at (505) 989-1662 or via email.

Additionally, Mr. Phelps discussed the upcoming CAB Educational Forum on Material Disposal Area G (MDA-G). *View MDA-G Forum Press Release online

The WM Committee was continuing to dialog with folks that will provide key presentations. Mr. Phelps discussed his expectation that the whole CAB will support the WM Committee to get the maximum benefit from the Forum. Specifically, the Board will be asked to fill various volunteer support positions during the Forum. Volunteers will be needed for the Poster Session and the Educational Presentations as well as the Public Question and Answer Session. Mr. Phelps also welcomed all the Board members to participate in the follow-up review of public comments received at the Forum. He stated the next planning meeting would be held on February 6, 2008 from 2:00 to 4:00 p.m. at the CAB office in Santa Fe.

X. Presentation:

Quarterly Progress Review and Budget Update on Environmental Programs at LANL- David Gregory, Department of Energy

A printed copy of Mr. Gregory's presentation can be requested from the CAB office at (505) 989-1662 or via email.

David Gregory, LANL, provided the subject matter presentation noted above on behalf of George Rael, DOE. The presentation considered the DOE 4th Quarter Project Review for LANL. The project review was subdivided into four major

sections regarding budget, funding levels, impacts on budgets and project scope. The project review was based on the validated baseline. However, they were not reaching the target levels for funding. The CAB was told that they could make recommendations to the DOE concerning funding issues. The Board has an opportunity to influence Budget priorities.

XI. Report from Liaison Members.

Liaison members from DOE, EPA and NMED provided comments to the Board.

*View Liaison Member comments online

A printed copy of Liaison member comments can be requested from the CAB office at (505) 989-1662 or <u>via email</u>.

- > Rich Mayer, EPA.
- > James Bearzi, NMED.
- ➤ Mat Johansen on behalf of George Rael, DOE.
- > Susan Stiger, LANL.

XII. Public Comment Period.

Joni Arends from Concerned Citizens' for Nuclear Safety (CCNS) provided public comments to the Board.

Comments from Ms. Arends:

Ms. Arends thanked the CAB for sending the Well Screen Analysis Report to the EPA. She wanted to know where Well R-16 fit into the priorities. The Buckman Diversion Board wrote a letter requesting new sentry wells. Ms. Arends wanted to hear that the sentry wells are the number one priority because the local governments have asked for it.

Mr. Johansen, DOE responded to Ms. Arends by stating that the DOE intent was to monitor around the site looking at potential pathways for air, water and soil. The DOE has a process for monitoring the pathways in a monitoring system format and there were plans to augment monitoring around Buckman and the Rio Grande but these were in the conceptual stages.

Ms. Arends would like the DOE to look at all the pathways to the Buckman to the drinking water supply because she thought that an investigation of the old river channel might reveal additional contaminations. Also, she requested the DOE attend the Buckman Diversion Board meeting Thursday, February 7th at 4pm to be held at the Santa Fe County Commission Chambers.

XVI. Presentations:

Fundamentals of Well Drilling- Bryan D. Adams, David Bardsley, WDC Exploration and Wells

Bryan D. Adams, David Bardsley, WDC Exploration and Wells, presented a subject matter report for the Board entitled, "Fundamentals of Well Drilling." The presentation described the ABCs of welling drilling at the request of the CAB members at the November 28th CAB Meeting.

> Well Construction and Groundwater Sampling Systems in Use at LANL- Mark Everett, LANL

*A printed copy of Mr. Everett's presentation can be requested from the CAB office at (505) 989-1662 or via email.

Mr. Everett, LANL, presented a subject matter report for the Board entitled, "Well Construction and Groundwater Sampling Systems in Use at LANL." (Unclassified) The presentation described LANL's well construction groundwater sampling practices for the monitoring and characterization program in Los Alamos.

XIII. Recap of Meeting: Issuance of Press Releases, Editorials, etc.

- > Mr. Moreno provided the group with a summary of the meeting's action items:
 - Approved NNMCAB Bylaws amendment.
 - o Approved Recommendation 2007-05 for submission to DOE.
 - Announced next CAB MDA-G Forum planning meeting February 6, 2008 from 2:00 to 4:00 p.m. at the CAB office in Santa Fe.
 - Members were instructed to send comments regarding Board Effectiveness Survey to Dr. Rapagnani via email.

XIV. Adjournment Christina Houston

With no further business to discuss, Ms. Houston, DDFO, adjourned the meeting at 8:00p.m.

Respectfully submitted,

J. D. Campbell Chair, NNMCAB

*Minutes prepared by Lorelei Novak, NNMCAB Technical Programs and Outreach

Attachments:

- ¹ Final 1-30-08 CAB Meeting Agenda.
- 2. NNMCAB Recommendation 2007-05.
- 3. Report from Menice Santistevan, Executive Director.
- 4. Report from J.D. Campbell, Chair, NNMCAB.
- 5. Report from Pam Henline, Chair, EMSR Committee.
- ⁶ Report from Ralph Phelps, Chair, WM Committee.
- 7. NNMCAB Bylaws updated with NNMCAB Bylaws amendment.
- 8. <u>Liaison Member Comments</u>.
- "Well Construction and Groundwater Sampling Systems in Use at LANL" (Printed copies available only.)
- "Quarterly Progress Review and Budget Update on Environmental Programs at LANL" (Printed copies available only.)

- ¹¹ LANL 2-08 Groundwater Workshop Agenda.
- 12. NNMCAB MDA-G Educational Forum Press Release.

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Public Notice:

*All NNMCAB meetings are recorded in accordance with the Federal Advisory Committee Act. Audiotapes have been placed on file at the NNMCAB Office, 1660 Old Pecos Trail, Suite B, Santa Fe, New Mexico, 87505.

*Reference documents listed in the Appendix section of these minutes can be requested for review at the CAB office in Santa Fe.

*For more information regarding audio transcription or any information referenced to or contained herein these minutes, please call the CAB office at (505)-989-1662.