



*Northern New Mexico Citizens' Advisory Board Meeting
November 28, 2007
2:00 p.m. to 8:30 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. Susan Crutchfield
9. Donald Dayton
10. Barbara Gonzales
11. Robert Gallegos
12. Mike Loya
13. Gerald Maestas

NNMCAB Nominees-

1. Eva Artschwager
2. Lucy Foley
3. Jane Gaziano
4. George Heindel
5. Joey Jablonski
6. Kyo Kim
7. Ken LaGattuta
8. Richard Lehmann
9. Lawrence Longacre

Excused Absence-

Kathleen Hall, Nominee

Liaison Members-

George Rael, Department of Energy (DOE) Los Alamos Site Office (LASO)

James Bearzi, Hazardous Waste Bureau Chief, New Mexico Environment Department (NMED)

Rich Mayer, Hazardous Waste Management, Environmental Protection Agency (EPA) Region VI

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. Nancy Dayton, Public
2. John Hopkins, LANL
3. David McCoy, Citizen Action New Mexico
4. Bob Gilkeson, Public
5. Paul Huber LANL
6. Joni Arends, Concerned Citizens' for Nuclear Safety (CCNS)
7. Scott Kovac Nuclear Watch New Mexico
8. Susan Gordan, Alliance for Nuclear Accountability
9. Lorrie Bonds-Lopez, LANL
10. Roger Snodgrass, Los Alamos Monitor

MEETING AGENDA:

- I. Call to Order- Christina Houston, DDFO.
- II. Establishment of Quorum:
 - *Roll Call.*
- III. Welcome and Introductions- Ed Moreno.
- IV. Approval of Agenda.
- V. Approval of Minutes of September 19, 2007.
- VI. Board Business / Reports:
 - *Report from Chair- J. D. Campbell*
 - *Report from Vice Chair- Fran Berting*
 - *Report from DOE-Christina Houston*
 - *Report from Executive Director-Menice Santistevan*
- VII. Old Business.
- VIII. New Business.
 1. Review and Approve Recommendations to Assistant Secretary Rispoli (prepared by SSAB Chairs at the September 2007 Chairs meeting.)
 1. "Recommendation for SSAB Participation in the EM Budget Process."
 2. "Recommendation for Long Term Stewardship Incorporated Into New Environmental Management Projects."
 2. First Reading- Proposed amendment to NNM CAB Bylaws.
- IX. Committee Reports:
 - *Environmental Monitoring, Surveillance and Remediation Committee- Introduction of Recommendation 2007-05.*
 - *Waste Management Committee*
 - *Update on Spring NNM CAB Sponsored Forum.*
- X. Report from Liaison Members.
 - *EPA- Rich Mayer*
 - *DOE- George Rael*
 - *NMED- James Bearzi*
- XI. Public Comment Period.
- XII. Consideration and Action on Recommendation 2007-05.

- XIII. Presentation on LANL responses to 17 National Academies of Sciences Recommendations regarding the Groundwater Monitoring Program at LANL.
 - XIV. Recap of Meeting: Issuance of Press Releases, Editorials, etc.
 - XV. Adjournment- Christina Houston, DDFO.
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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 November 28, 2007 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 2:00p.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- 13 members present.

Ms. Houston, Deputy Designated Federal Official (DDFO) from the Department of Energy (DOE), declared a quorum with thirteen members present at the meeting.

III. Welcome and Introductions.

Mr. Moreno asked for introductions from the group at the main table, which included nine CAB member nominees and thirteen 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 any changes or additions to the agenda. Ms. Bonds-Lopez, LANL announced that Mr. Paul Huber, LANL would provide the evening presentation for the Board instead of Liaison member, Ms. Susan Stiger. Mr. Moreno asked for a motion to approve the agenda as amended. Mr. Phelps made a motion to approve the November 28, 2007 meeting agenda. Dr. Berting seconded the motion. The agenda was approved.

V. Approval of Minutes of July 25, 2007.

Mr. Moreno asked for a motion to approve the September 19, 2007 CAB Meeting minutes. Ms. Novak received editorial comments from Dr. Campbell, Dr. Berting and Mr. Loya. Mr. Gallegos made a motion to approve the September 19, 2007 minutes as amended.

Dr. Berting seconded the motion. Mr. Chavarria abstained from voting because he was not present at the last meeting. The minutes were approved.

VI. Board Business / Reports.

a) Report from Chair J.D. Campbell.

Dr. Campbell reported on the activities of the Chair since the last CAB meeting on September 19, 2007. A printed copy of Dr. Campbell's report can be requested from the CAB office at (505) 989-1662.

b) Verbal Report from the Vice Chair.

Dr. Berting provided a verbal report to the Board. She concurred with Dr. Campbell's report. Additionally, she discussed her attendance at the Intergovernmental meeting held in Salt Lake City:

- She stated it was an ideal location for a meeting.
- The group attending included, tribes, intergovernmental legislatures; all these groups were interested in clean-up and the input was very interesting—our concerns were the same as the other groups and the input was direct and headquarters responded.
- Discussed "The Politics of Clean Up" and the necessity of having community input to 'really impress our congressional delegations.'
- Representatives from DOE Headquarters were present, were available for questions and interacted with the group, which she found very useful.
- The meeting schedule was different with breakout sessions on budget and waste management.
- Also saw the breakdown of the final Environmental Management (EM) budget, stated she planned to bring a copy to January 2008 CAB meeting and any comments would be needed by February.
- She stated it was an 'exceptionally productive meeting.'

b) Verbal Report from Department of Energy Deputy Designated Federal Officer.

Ms. Houston provided a verbal report to the Board. Ms. Houston stated that she had just a few things to report:

1. The CAB should ask Mr. George Rael, DOE/LASO for information about the validated baseline.
2. Unfortunately, they have not received the letter from Assistant Secretary Rispoli regarding the nomination packet. The nominees were advised that they could not vote but their participation at the meeting was greatly encouraged.
3. The DOE was still working on the CAB computers issues.

c) Report from Executive Director Menice Santistevan.

Ms. Santistevan reported on the activities of the NNM CAB staff since the last CAB meeting. A printed copy of Ms. Santistevan's report can be requested from the CAB office at (505) 989-1662.

VII. Old Business.

Mr. Moreno called for any matters of old business but none was brought forth.

VIII. New Business.

1. Review and Approve Recommendations to Assistant Secretary Rispoli (prepared by SSAB Chairs at the September 2007 Chairs meeting.)

- "Recommendation for SSAB Participation in the EM Budget Process."
- "Recommendation for Long Term Stewardship Incorporated Into New Environmental Management Projects."

Dr. Campbell introduced the letters drafted at the fall SSAB meeting held in Paducah, Kentucky. He explained that at each SSAB meeting there is the opportunity for the Chairs of the CABs to put forth a product, which was often in the form of a letter containing a recommendation. The Board's meeting packet included two letters. The Board reviewed the product from the September Chairs Meeting.

☞ Motion:

Ms. Henline made a motion to accept both of these letters and to authorize Dr. Campbell to sign the letters on behalf of the NNM CAB.

☞ Second:

Mr. Phelps seconded the motion.

☞ All in Favor:

The motion passed. The approved letters would be sent back to the sponsoring SSAB for final distribution to Assistant Secretary Rispoli.

2. First Reading- Proposed Amendment to NNM CAB Bylaws.

Mr. Phelps headed up an Ad Hoc committee to work on preparing an amendment to change the current bylaws with regards to the matter of consensus; specifically the language. The Board reviewed and discussed the proposed changes to the bylaws, which served as a first reading.

☞ Motion:

In agreement with Mr. LaGatutta's suggestion, Dr. Campbell made a motion that the draft bylaw language under consideration substitutes the word "unanimity" for the word "consensus."

☞ Second:

Ms. Crutchfield seconded the motion.

☞ All in Favor:

The motion passed. Ms. Houston commented that the second reading for the NNM CAB Bylaws amendment will occur at the January CAB meeting at which time the Board will be asked to take final consideration and action.

IX. Committee Reports.

➤ **Environmental Monitoring, Surveillance and Remediation Committee Report.**

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.

➤ **Introduction of Draft Recommendation 2007-05, "Concern for Rework of Screens in Groundwater Monitoring Well R-22."**

Ms. Henline introduced draft Recommendation 2007-05, "Concern for Rework of Screens in Groundwater Monitoring Well R-22" sponsored by the EMSR Committee. Draft 2007-05 recommended:

- a. The DOE carefully evaluate the potential for significant cross contamination of the aquifer during the proposed rework of well R-22.
- b. If the risk of significant cross contamination of the aquifer is high, the DOE inform the NMED that the existing screens within well R-22 should remain undisturbed and used primarily to obtain groundwater levels within the aquifer.
- c. The DOE install and sample the proposed two new monitoring wells adjacent to well R-22 to evaluate groundwater contamination near the water table beneath MDA-G prior to undertaking any rework of well R-22.

Ms. Henline stated that the draft recommendation was a very technical recommendation. Dr. Campbell provided a briefing on the concept of the recommendation at the November EMSR Committee meeting. The EMSR committee endorsed the recommendation. The Board discussed the recommendation. Due to the lengthy discussion, Ms. Houston thought the recommendation needed more time for consideration Dr. Berting stated that those who had not heard Dr. Campbell's presentation might be at a slight disadvantage and perhaps they could consider asking LANL to provide a Subject Matter Expert (SME) to make a presentation to the Board. Dr. Berting wanted to wait on taking action until they brought everyone 'up to speed.' Mr. Huber, LANL, stated that they discussed (with NMED) moving this well to the back of the schedule so that there could be more discussion; he said rehabbing a well was about one quarter of the cost of drilling a new well. He also stated that they could bring an SME to the January meeting.

Draft Recommendation 2007-05, "Concern for Rework of Screens in Groundwater Monitoring Well R-22." would be taken up for final consideration and action later in the agenda.

➤ **Waste Management Committee Report.**

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.

X. Report from Liaison Members.

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

A printed copy of Liaison member comments can be requested from the CAB office at (505) 989-1662.

- Rich Mayer, EPA.
- James Bearzi, NMED.
- George Rael, DOE.
- Paul Huber, on behalf of Susan Stiger, LANL.

XI. Public Comment Period.

Joni Arends from Concerned Citizens' for Nuclear Safety (CCNS) and David McCoy, from Citizen Action New Mexico provided public comments to the Board.

Comments from Ms. Arends:

CCNS has been monitoring DOE facilities for almost 20 years now. To the new member nominees she stated from experience it takes working on LANL about two years to come up to speed. LANL has the most complex air emissions, waste disposal, etc. Ms. Arends passed out copies of the National Academies of Sciences Report, "Plans and Practices for Groundwater Protection at the Los Alamos National Laboratory," Final Version 2007 to anyone who needed a copy. She referred to page 60 and pointed out the section where the report discussed flaws in the monitoring wells. She handed out a CCNS fact sheet about the drinking water downstream from LANL being compromised. Ms. Arends referred to the LANL Well Screen Analysis Report Revision 2 and she read from the New Mexico Environment Department's (NMED) review of the report. She continued on to discuss radionuclides found in the Buckman Well Fields. She discussed the data that was being released to the public for public comment stating that there was a problem with the Site Wide Environmental Impact Statement (SWEIS) process.

Lastly, Ms. Arends stated that CCNS and Bravos Amigos would like to give the Board a presentation on storm water.

Comments from Mr. McKoy:

Citizen Action Follows the NNM CAB and they find it to be an interesting organization. He works with the Mixed Waste Landfill in Sandia where there seems to be very similar problems at the mixed waste landfill with some of the landfills at LANL. The Sandia Landfill also sits above a drinking water aquifer. William Moats, NMED did a study on the representative-ness of data, "a major enhancement of the LANL process" and Citizen Action tried to get this report analyzed, by the EPA Kir Lab. He put a request out to the Board to review this report as well. He stated Citizen Action has difficulty getting reports and he appreciates the CAB's ability to get reports seemingly easily. He discussed the fate and transport models from the unlined dump at Sandia with no leachate collection. Another problem is that an internal analysis of the Sandia Mixed Waste Landfill at EPA Region six has been held up in the legal department.

Lastly, Mr. McKoy hoped the Board would consider his request to review the NMED study.

XII. Consideration and Action on Recommendation 2007-05 (Tabled).

☞ Motion:

Ms. Henline made a motion to table consideration and action on draft Recommendation 2007-05 until the January 2008 CAB meeting.

☞ Second:

Ms. Gonzales seconded the motion.

☞ All in favor:

The motion passed. Consideration and action on draft Recommendation 2007-05, "Concern for Rework of Screens in Groundwater Monitoring Well R-22." would be taken up at the January 2008 CAB meeting.

XVI. Presentation on LANL responses to 17 National Academies of Sciences Recommendations Regarding the Groundwater Monitoring Program at LANL.

Mr. Huber, LANL Water Stewardship Director, presented a subject matter report for the Board entitled, "Presentation on Proposed Responses to the 17 National Academies of Sciences Recommendations Regarding Groundwater Monitoring Issues at Los Alamos National Laboratory." (LA-UR-07-6335) The presentation described LANL's response to the recommendations listed in the NAS Report, Plans and Practices for Groundwater Protection at the Los Alamos National Laboratory, 2007.

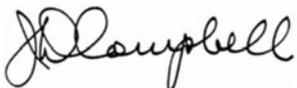
XIII. Recap of Meeting: Issuance of Press Releases, Editorials, etc.

- Mr. Moreno provided the group with a summary of the meeting:
 - Approved Dr. Campbell's signature for two SSAB letter to Assistant Secretary Rispoli.
 - Held first reading for NNM CAB Bylaws amendment.
 - Tabled draft Recommendation 2007-05 until the January 2008 CAB meeting.
 - Suggested preparing a formal request for a presentation from LANL to the CAB at the January meeting on the ABCs of well drilling describing the different methods and the pros and cons of each with a section on well screens.

XIV. Adjournment Christina Houston

Ms. Houston stated she planned to work with Ms. Santistevan on ways to streamline the CAB meeting agendas for future meetings. **With no further business to discuss, Ms. Houston, DDFO, adjourned the meeting at 8:00p.m.**

Respectfully submitted,



J. D. Campbell, Chair, NNM CAB

**Minutes prepared by Lorelei Novak, NNM CAB Technical Programs and Outreach*

Attachments:

1. Draft Recommendation 2007-05.
2. Two SSAB letters to Assistant Secretary James Rispoli.
3. Report from Menice Santistevan, Executive Director.
4. Report from J.D. Campbell, Chair, NNM CAB.
5. Report from Pam Henline, Chair, EMSR Committee.
6. Report from Ralph Phelps, Chair, WM Committee.

7. NNM CAB Bylaws.
8. Handout with suggested NNM CAB Bylaws amendment.
9. LANL Response to NAS Report White Paper
10. Presentation on Proposed Responses to the 17 National Academies of Sciences Recommendations Regarding Groundwater Monitoring Issues at LANL
11. National Academies of Sciences Report, "Plans and Practices for Groundwater Protection at the Los Alamos National Laboratory," Final Report 2007.

Public Notice:

 *All NNM CAB meetings are recorded in accordance with the Federal Advisory Committee Act. Audiotapes have been placed on file at the NNM CAB 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.