

General

ENTERED



Northern New Mexico Citizens' Advisory Board
A U.S. Department of Energy Site-Specific Advisory Board
94 Cities of Gold Road, Santa Fe, NM 87506
Phone: 505.989.1662 or 1.800.218.5942
www.nnmcab.energy.gov



March 13, 2013

Dear NNM CAB and Liaison Members,

Enclosed is the information you will need for the NNM CAB meeting scheduled for March 20th, at the Albuquerque Marriott Pyramid North, Yucatan Meeting Room. Please see the enclosed driving directions.

You will hear presentations by Cate Alexander, Designated Federal Officer, on the Federal Advisory Act and the EM-SSAB appointment process; Tom Carver will present the RAD Aerial View of Los Alamos and Dave Nickless and Dan Cox will present on the 33 Shafts at Area G.

Chairman Valdez requests that members arrive before 1:00 p.m., so that a quorum may be established promptly. Please bring this packet of information with you to the meeting.

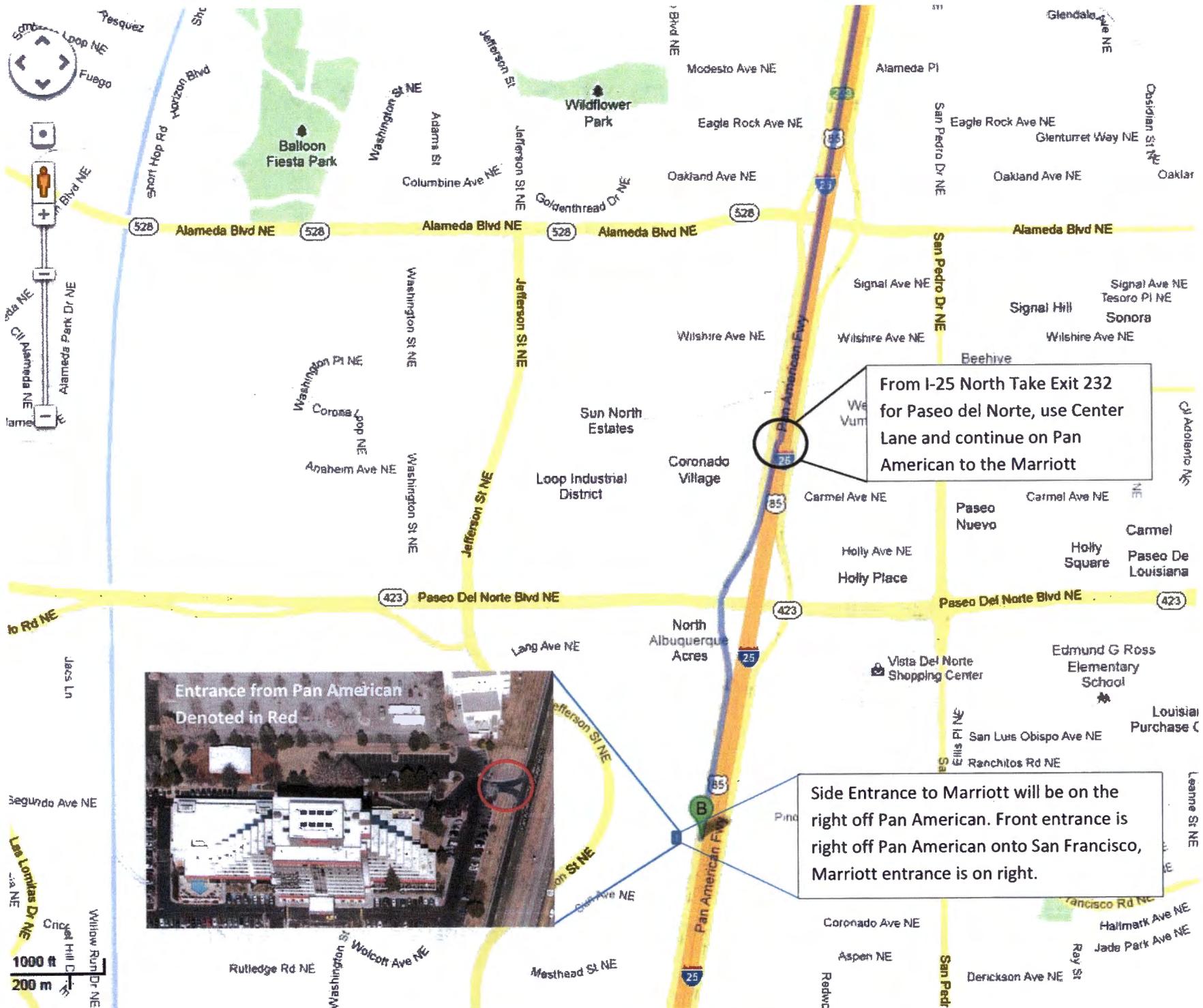
If you are not able to attend the meeting, please request an excused absence from Ed Worth at: Edwin.Worth@nnsa.doe.gov

Kindest regards,

Menice B. Santistevan

Menice B. Santistevan
Executive Director
NNMCAB Support Office





From I-25 North Take Exit 232 for Paseo del Norte, use Center Lane and continue on Pan American to the Marriott

Side Entrance to Marriott will be on the right off Pan American. Front entrance is right off Pan American onto San Francisco, Marriott entrance is on right.



Entrance from Pan American Denoted in Red

1000 ft
200 m



**Directions to 5151 San Francisco Rd NE,
Albuquerque, NM 87109**
55.4 mi – about 53 mins

A Santa Fe, NM

- | | | |
|-----|---|-----------------------------|
| 1. | Head east on E San Francisco St toward Cathedral Pl | go 289 ft
total 289 ft |
| | 2. Turn right onto Cathedral Pl | go 262 ft
total 0.1 mi |
| | 3. Take the 1st right onto E Water St | go 427 ft
total 0.2 mi |
| | 4. Take the 1st left onto Old Santa Fe Trail
About 2 mins | go 0.3 mi
total 0.5 mi |
| | 5. Turn right onto Paseo De Peralta
About 1 min | go 0.5 mi
total 1.0 mi |
| | 6. Turn left onto Cerrillos Rd
About 2 mins | go 0.5 mi
total 1.5 mi |
| | 7. Turn left onto S St Francis Dr
About 5 mins | go 2.7 mi
total 4.2 mi |
| | 8. Take the Interstate 25 S ramp to Albuquerque | go 0.6 mi
total 4.8 mi |
| | 9. Merge onto I-25 S
About 40 mins | go 49.9 mi
total 54.7 mi |
| | 10. Take exit 232 toward NM-423/Paseo Del Norte | go 0.2 mi
total 54.8 mi |
| 11. | Merge onto Pan American Frontage Rd S
About 1 min | go 0.3 mi
total 55.1 mi |
| | 12. Slight right to stay on Pan American Frontage Rd S | go 0.3 mi
total 55.4 mi |

B 5151 San Francisco Rd NE, Albuquerque, NM 87109

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

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Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.

Northern New Mexico Citizens' Advisory Board Meeting

March 20th, 2013

1:00 p.m. to 7:00 p.m.

Marriott Pyramid North

5151 San Francisco Road, N. E.

Albuquerque, NM 87109

AGENDA

<u>Time</u>	<u>Action</u>	<u>Presenter</u>
1:00 p.m.	Call to Order	Ed Worth, DDFO
	Establishment of a Quorum (13 needed) a. Roll Call b. Excused Absences	William Alexander
	Welcome and Introductions	Carlos Valdez, Chair
	Approval of Agenda Approval of Minutes of Jan. 30 th , 2013	
1:30 p.m.	Public Comment Period	
1:45 p.m.	Old Business a. Written Reports – See Packet Enclosures (5 minutes) b. Waste Management Conference Report c. Other items	Ralph Phelps, Doug Sayre
2:00 p.m.	New Business	Carlos Valdez
2:15 p.m.	Items from DDFO a. Update from DOE b. Other items	Ed Worth
2:30 p.m.	Break	
2:45 p.m.	Results of Aerial RAD Survey	Tom Carver, DOE
3:15 p.m.	Status of the 33 Shafts at Area G	Dave Nickless and Dan Cox
4:30 p.m.	Items from Liaison Members a. Los Alamos National Laboratory b. New Mexico Environment Department c. Environmental Protection Agency (Region 6) d. Department of Energy	Jeff Mousseau John Kieling Ed Worth for Rich Mayer Pete Maggiore
5:00 p.m.	Dinner Break	
6:00 p.m.	Public Comment Period	
6:15 p.m.	Consideration and action on Draft Recommendation(s) to DOE • Recommendation 2013-02, "To Review Material Disposal Areas at LANL, in Addition to Technical Area 54 (TA-54) for Risks Associated With Fires"	Carlos Valdez
6:45 p.m.	Wrap-up and Comments from Board Members	Carlos Valdez
7:00 p.m.	Adjourn	Ed Worth, DDFO



Northern New Mexico Citizens Advisory Board Meeting
January 30, 2013
1:00 p.m. to 7:00 p.m.
Buffalo Thunder Conference Center
Santa Fe, New Mexico 87506

Minutes

Meeting Attendees

Department of Energy

- Ed Worth, Deputy Designated Federal Office (DDFO)
 - Christina Houston, DOE Environmental Projects Office
 - Cassandra Begay, DOE
 - Bob Zulick, DOE Environmental Projects Office – Project Time and Cost
 - Pete Maggiore, Assistant Manager Environmental Projects Office
-

NNMCAB Members

- 1. Carlos Valdez, NNMCAB Chair
 - 2. Manuel Pacheco, NNMCAB Vice-Chair
 - 3. Douglas Sayre
 - 4. Joey Tiano
 - 5. Ralph Phelps
 - 6. Joseph Viarrial
 - 7. Robert Villarreal
 - 8. Nona Girardi
 - 9. Lawrence Longacre
 - 10. Allison Majure
 - 11. Arthur Mascarenas
 - 12. Deborah Shaw
 - 13. Lawrence Garcia
-

Excused Absences

- 1. Bonnie Lucas
-

Absent

- 1. Nicole Castellano

- 1 2. Adam Duran
- 2 3. Brenda Gallegos
- 3 4. Kyle Harwood
- 4 5. Michael Loya
- 5 6. Nick Maestas

6

7 **NNMCAB Support Staff**

- 8 Menice Santistevan, Executive Director
- 9 Tiffany Ortiz, Administrative Assistant
- 10 William Alexander, Technical Programs and Outreach

11

12 **Guests**

- 13 Adrian Chavez Sr, Public
- 14 Allan Chaloupka, Public
- 15 Stephen Schmelling, Public
- 16 Joseph T Sena, Public
- 17 Jonathan Phillips, City of Santa Fe
- 18 Alex Puglisi, City of Santa Fe
- 19 Angel Quintana, Public
- 20 Chuck Wiggins, New Mexico Tumor Registry – UNM
- 21 Angela Meisner, New Mexico Tumor Registry – UNM
- 22 Jim Ferguson, Project Time & Cost
- 23 Jeff Mousseau, Los Alamos National Security
- 24 Felicia Aguilar, The Lakeworth Group
- 25 Jeanne Green, Public
- 26 Michael Brandt, Los Alamos National Security
- 27 Jeanne Fair, Los Alamos National Security
- 28 David Cobrain, New Mexico Environment Department
- 29 Heidi Krapfl, New Mexico Department of Health
- 30 Lorrie Bonds-Lopez, Los Alamos National Security
- 31 Colleen Curran, Los Alamos National Security
- 32 John Isaacson, Los Alamos National Security

33

REPORT FROM THE CHAIR

NORTHERN NEW MEXICO CITIZENS ADVISORY BOARD

MARCH 20, 2013 BOARD MEETING

ALBUQUERQUE, NEW MEXICO

I. Routine Chair Activities since last NNM CAB meeting on 01/30/13:

A. Executive Committee and WM/EM Committee meetings were held on Feb. 13, 2013

1. The Exec. Committee discussed how the Board should proceed with presentations regarding the 33 shafts. LANL experts will be asked to provide detailed information with updates on where the project currently stands.
2. The agenda for the 03/20/13 CAB meeting discussed was approved.
3. In conjunction with the upcoming National Chairs meeting, the Exec. Committee determined how to proceed with the NNM CAB top issues, accomplishments, challenges.
4. Fact sheets regarding the MDA's included in our Work Plans have been requested from the LANL staff, however, the Exec. Committee has yet to receive them.
5. Board members Ralph Phelps and Doug Sayre attended the National Waste Management conference held in Phoenix this year. Written reports should be made available to all Board members from them during the full Board meeting.
6. The deadline for sequestration has passed and should have a financial impact to clean up efforts. We will learn more from our federal liaison as more information becomes available. Continued resolution has an upcoming deadline of March 27, 2013 as well.
7. A meeting was held on Wednesday, March 6th, with DeAnza Sapien, Executive Director of the Los Alamos Regional Coalition. Possible collaborative efforts between our two groups was discussed.
8. On March 7th, the Chair and several other Board members met with Pete Majore, David Nickless and Dan Cox, to discuss the presentation desired by them for our full March 20th Board meeting. It is expected that all Board members should have all their 33-shaft questions answered.
9. The Chair and Menice will participate in the March 15, 2013 Regional Coalition meeting to be held in Santa Fe.

II. SSAB Related Chair Activities since last NNM CAB meeting on 01/30/13:

- A. Participated in the National Chairs teleconference on Feb. 19, 2012. Representatives from all sites participated and well as representatives for Washington, DC. Conversation regarding the upcoming National Chairs meeting in Washington State was held. Unfortunately, due to federal sequestration issues, the trip to Hanford is cancelled. The Chairs meeting will evidently be held by webinar instead.
- B. Four (4) draft national recommendations were voted on and approved during our Jan. 30th NNM CAB meeting. On the National level, draft recommendation (1) passed, draft recommendation (2) failed, draft recommendation (3) passed, and draft recommendation (4) passed.

III. Other Related Chair Activities

- A. The Chair, as well as Menice, participated in LANL Legislative Breakfast, held at La Fonda in Santa Fe on Tuesday, Jan. 30, 2013, the same day as our full Board meeting. State Representative Nick Salazar was honored for the years of service he has provided to the Los Alamos Labs.
- B. The Chair attended the LANL Regional Coalition Board meeting held on Feb. 15, 2013. This board is made up of governmental representatives from Taos, Santa Fe, Espanola, Los Alamos and has the authority to lobby for LANL funding. They have similar discussions as NNM CAB in terms of clean up efforts.

Submitted by:

Carlos Valdez

Chair, NNM CAB

March 20th, 2013

1 **MINUTES**

2 **I. Call to Order**

3 The bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board
4 (NNMCAB) was held on January 30, 2013 at the Buffalo Thunder Conference Center in Santa Fe
5 New Mexico. Mr. Ed Worth Deputy Designated Federal Officer (DDFO) stated that on behalf of
6 the Department of Energy (DOE) the meeting of the NNMCAB was called to order at 1:10 p.m.

7 Mr. Worth recognized Mr. Carlos Valdez as NNMCAB Chair. The Chair presided at the
8 meeting.

9 The meeting of the NNMCAB was open to the public and posted in The Federal Register
10 in accordance with the Federal Advisory Committee Act (FACA).

11
12 **II. Establishment of a Quorum (10 Needed)**

13 **A. Roll Call**

14 Mr. William Alexander conducted roll call as the members arrived. During the
15 call to order 11 members were present, establishing a quorum of the NNMCAB. Allison
16 Majure arrived at 1:30 p.m. and Mr. Lawrence Longacre arrived at 1:57 p.m.

17
18 **B. Excused Absences**

19 Mr. Alexander recorded that Bonnie Lucas had an excused absence for this
20 meeting.

21
22 **C. Absences**

23 Mr. Alexander recorded that Adam Duran, Brenda Lee Gallegos, Kyle Harwood,
24 Michael Loya, Nicole Castellano, and Nick Maestas were absent.

25
26 **III. Welcome and Introductions**

27 Mr. Valdez welcomed the members and public to the meeting, He asked for
28 introductions from the board members and all attending guests.

29
30 **IV. Approval of Agenda**

31 The board reviewed the agenda for the January 30, 2013 NNMCAB meeting. The
32 agenda for the meeting was unanimously approved as presented.

33
34 **V. Approval of Minutes for the September 26, 2012 and December 4, 2012 meetings**

35 **A. September 26, 2012 Minutes**

36 The board reviewed the minutes from the September 26, 2012 NNMCAB
37 meeting. By ongoing instruction from DOE Headquarters, the minutes were
38 previously reviewed and certified by the NNMCAB Chair, Mr. Valdez. Mr. Valdez

1 opened the floor for comments. Dr. Deborah Shaw noted that page 7 line 19 had
 2 incorrect use of the word evasive, the correct word should have been invasive.
 3 The change was noted in the master copy of the minutes. Mr. Manuel Pacheco
 4 moved to accept the minutes from the September 26, 2012 meeting, Mr. Ralph
 5 Phelps seconded the motion. The Board voted all in favor to accept the minutes
 6 with the noted change.
 7

8 **B. December 4, 2012 Minutes**

9 The Board reviewed the Certified minutes from the December 4, 2012
 10 NNMCAB meeting. Mr. Valdez opened the floor for comments. With no
 11 comments on the minutes from the board, Mr. Ralph Phelps moved to accept
 12 the minutes from the December 4, 2012 meeting, Mr. Joey Tiano seconded the
 13 motion. The board approved the minutes as presented.
 14

15 **VI. Old Business**

16 **A. Written Reports**

17 Mr. Valdez asked if the members had any questions on the written
 18 reports. With no comments on the written reports Mr. Valdez moved to the next
 19 item on the agenda.
 20

21 **B. EM-SSAB Draft Recommendations**

22 1. Draft Recommendation for Waste Isolation Pilot Plant mission expansion.
 23 Mr. Valdez asked for questions or comments from the board, seeing none
 24 Mr. Valdez asked for a motion. Dr. Nona Girardi moved to approve the
 25 recommendation, Mr. Pacheco seconded the motion. The board voted all in
 26 favor, the motion to approve the recommendation carried.
 27

28 2. Draft recommendation for disposal of DOE high-level waste. Mr. Valdez
 29 opened the floor for comments.
 30

31 Mr. Phelps noted that the recommendation had been discussed at an
 32 earlier meeting. He noted that he did not think this recommendation was
 33 needed, stating that the recommendation incorrectly portrays that high-level
 34 commercial waste is not ready for long term storage. Mr. Phelps noted that a
 35 pilot program for the canisters at Savanna River was proposed in
 36 recommendation 1 that the board had just approved. He noted what is
 37 proposed in recommendation number 2 is really bounded by what is
 38 proposed in recommendation 1.

1 Mr. Pacheco stated this recommendation was somewhat contentious in
2 the committee meetings. He asked if this issue was something that the board
3 should revisit or just seek approval and move on.
4

5 Ms. Menice Santistevan replied that the recommendations could be
6 voted up or down. She also noted that the NNMCAB would be the last board
7 to vote on the recommendations and that the other boards were waiting to
8 send the letter to EM-1.
9

10 Mr. Pacheco asked if the recommendations could be approved with
11 conditions.
12

13 Ms. Santistevan stated that no amendments were allowed.
14

15 Mr. Pacheco moved to approve the recommendation, Mr. Tiano
16 seconded the motion. The board voted 4 for and 5 against, the motion to
17 approve draft recommendation 2 failed.
18

19 3. Draft recommendation for EM budget. Mr. Valdez opened the floor for
20 comments. Mr. Phelps moved to approve the recommendation, Mr. Pacheco
21 seconded the motion. The board voted all in favor, the motion to approve
22 the recommendation passed.
23

24 4. Draft recommendation for evaluation of recycling technologies. Mr.
25 Valdez opened the floor for comments. Mr. Art Mascarenas moved to
26 approve the recommendation, Mr. Pacheco seconded the motion. The board
27 voted 9 for and 1 against, the motion to approve the recommendation
28 passed.
29

30 **VII. Public Comment Period**

31 Mr. Valdez opened the public comment period at 1:27 p.m.; he noted that Ms.
32 Jeanne Green from Taos had signed up to address the board.
33

34 Ms. Green provided packets of information for each board member on
35 Plutonium Facility 4 (PF-4); she also read a letter that she had drafted, addressing
36 her concerns with the facility. The letter and information packet are listed as
37 attachments.
38

1 Mr. Valdez asked Ms. Green to speak a little bit about what PF-4 is for the sake
2 of the members.

3
4 Ms. Green stated PF-4 is the building where Los Alamos National Laboratory
5 (LANL) stores a lot of Plutonium. The letter in the packet from the Defense Nuclear
6 Facilities Safety Board (DNFSB), gives a warning that the building could easily
7 collapse in the event of an earthquake; noting that the release of Plutonium would
8 be equivalent to 900 rems. "As soon as we have an earthquake we may as well kiss
9 the planet goodbye, this is not acceptable we need the NNMCAB to intervene for
10 us," I am asking the NNMCAB to make a recommendation on PF-4.

11
12 Mr. Valdez thanked Ms. Green for bringing the issue to the NNMCAB's attention.
13 He also asked Ms. Green to elaborate on the information that she was requesting on
14 the land transfers.

15
16 Ms. Green stated that she had obtained the information on the land transfers
17 from the NNMCAB's meeting minutes from a previous meeting.

18
19 Mr. Valdez stated that the board would look into the land transfers and get back
20 to Ms. Green.

21
22 Ms. Green asked that the information provided include the level of cleanup at
23 the sites.

24
25 Mr. Valdez asked if the members had any questions for Ms. Green

26
27 Dr. Girardi asked what the references were for the high level of cancer rates
28 around Rocky Flats.

29
30 Ms. Green responded that the NNMCAB should look at Kristen Iverson's book
31 "Full Body Burden", on Lawrence Livermore National Laboratory's web site, and the
32 Rocky Mountain Peace and Justice Center website. Ms. Greene also stated that if the
33 land is being transferred to San Ildefonso Pueblo it needs to be cleaned, and not just
34 placed into the care of a county official that may or may not be in office for an
35 extended period.

36
37 Mr. Valdez stated that he believed that any land that was transferred had to be
38 cleaned to residential standards, and ask Mr. Phelps for clarification.

1 Mr. Phelps stated the level to which the site needs to be cleaned is determined
2 by the corrective measures required for the site. This means that some sites are
3 cleaned to residential standards while others are industrial or recreational,
4 dependent on the future use of the land.
5

6 Ms. Green stated "I'm concerned with what is going to happen here at LANL,
7 because they are going to be looking at stewardship, they are already looking at long
8 term stewardship. I mean we don't need any nuclear bombs obviously. They want to
9 continue their mission because they will make a profit; there is more profit in
10 making nuclear bombs than cleaning up."
11

12 Ms. Majure asked Ms. Green to clarify what she wanted the recommendation on
13 the PF-4 to cover specifically.
14

15 Ms. Green stated that she would like the recommendation to state that the PF-4
16 needs to be dismantled, the plutonium removed, and the area decontaminated.
17

18 Mr. Tiano asked Ms. Green if she had ever toured the PF-4 Facility or seen how
19 the plutonium was stored.
20

21 Ms. Green stated that no she had not toured the facility or seen how the
22 plutonium was stored. She further stated that she was not an expert in building
23 construction and was basing her request on the report that the DNFSB had
24 submitted.
25

26 Mr. Tiano responded that he was concerned with the amount of money that tax
27 payers pay to protect the environment based on information that environmentalists
28 publish, that may or may not be true. He further stated "I listened to your comments
29 and I want to take them all in; but if you haven't even toured the building, how do
30 you know the pits are not in a vault that would stop a release no matter the size of
31 the quake."
32

33 Ms. Green responded that if the DNFSB was concerned then she was concerned.
34

35 Mr. Tiano replied do you think that your concerns are fueled by your passion
36 against nuclear weapons.
37

1 Ms. Green replied that she did not know how to respond to that. However she
2 would encourage the NNMCAB to talk to the DNFSB as they are the experts on the
3 subject.
4

5 Dr. Girardi asked if Mr. Worth or Ms. Santistevan could elaborate on what the
6 DNFSB is and how a member of the public would arrange to tour PF-4
7

8 Mr. Worth responded that he was not an expert on the DNFSB but to his
9 knowledge the DNFSB was a professional board with members that are experts in
10 the field. He was not sure about requirements for touring the PF-4 but he would
11 look into it and get an answer for the board.
12

13 Mr. Valdez stated that he would like to remind everyone that the NNMCAB was
14 chartered to give DOE recommendations on legacy waste issues. With no additional
15 questions Mr. Valdez closed the public comment period.
16

17 **VIII. New Business**

18 Mr. Valdez noted that Mr. Phelps and Mr. Doug Sayre would be attending the
19 Waste Management Conference in Phoenix, Arizona in February. He asked Mr.
20 Phelps to give a summary of the agenda for that conference.
21

22 Mr. Phelps stated that he had been invited to speak on two panels at the
23 conference. The first panel was related directly to Citizens' Advisory Boards, and
24 would be discussing participation and membership and how to promote additional
25 interest. The second panel that he would be participating in would be a LANL
26 moderated panel discussing the effects that fires have had on the removal of
27 Transuranic (TRU) Waste from Area G.
28

29 Mr. Valdez stated that the other new business before the board was the
30 upcoming Chairs meeting in April. He noted that the members that would be
31 attending were Mr. Pacheco, Mr. Joseph Viarrial, and Mr. Valdez. Mr. Worth and Ms.
32 Santistevan will be attending as staff support.
33

34 Mr. Valdez stated that he had attended the Regional Coalition of LANL
35 Communities (RCLC) meeting in January, and that it seemed like they were geared
36 towards helping the economy in Los Alamos. He also noted the RCLC has been
37 invited to attend the NNMCAB meetings.
38

1 Mr. Allen Chaloupka asked if he might make a public comment out of schedule.
2

3 Mr. Valdez allowed the comment.
4

5 Mr. Chaloupka stated that he would like to recommend that the attendees of the
6 Waste Management Conference take the time to watch some of the presentations
7 and capture some of the lessons learned. He further recommended that the
8 attendees take a look at the vendor information and see what new technologies
9 might be available to help with the current projects concerning the NNM CAB.

10
11 **IX. Items from DDFO**

12 Mr. Worth noted that the skyline at TA-21 had changed the enclosures that were
13 located there had been taken down. He also noted that the presentation for the
14 Combined Committee meeting in February would be on air monitoring at LANL.

15 Mr. Worth stated that there had been a resignation from the NNM CAB; Mr. Kyle
16 Harwood resigned due to increased work load and had submitted a letter of
17 resignation. Mr. Worth noted that Mr. Harwood had stated that he would like to
18 come back in the future, and that the possibility of a site appointment to accomplish
19 that would be looked at.

20 Mr. Worth stated that Juan Griego who had recently replaced Kevin Smith as Site
21 Manager; was asked if he would take on the role as the Deputy Adjutant General for
22 the National Guard of New Mexico for a two year period. In the meantime the
23 assistant managers will be rotating through the leadership positions at the office.
24 Additionally, he noted that the Secretary of Energy would be leaving, and that Tom
25 D'Agostino who was the head of the NNSA, had also stepped down.
26

27 Mr. Valdez announced that the NNM CAB would take a 15 Minute Break.
28

29 **X. Presentations**

30 **A. Presentation of Long Term Strategy for Environmental Stewardship**
31 **Sustainability**

32 Mr. Michael Brandt from LANL gave a presentation to the NNM CAB on LANLs
33 Long Term Strategy for Environmental Stewardship and Sustainability Plan. A
34 Hard copy of the presentation may be obtained at the NNM CAB website
35 <http://www.nnmcab.energy.gov> under presentations. A video of the
36 presentation has been posted to the NNM CAB YouTube channel
37 <http://www.youtube.com/watch?v=Y8-B8INXI28>.
38

1 **B. Questions**

2 Mr. Robert Villarreal asked what the source of funding for the Environmental
3 Safety Health and Quality (ESH&Q) organization was.

4
5 Mr. Brandt responded that funding for ESH&Q was from the LANL overhead
6 budget.

7
8 Ms. Majure stated that there was quite a bit of management speak going on
9 and she was getting lost in some of the tactics. In terms of staff and budget do
10 you divide up your resources in terms of past, present and future?
11

12 Mr. Brandt responded that Jeff Mousseau, the Associate Director for
13 Environmental Programs (ADEP) deals with the past and is separate from ESH&Q
14 ADEP operates with a budget that is roughly in the \$180 million range. The
15 present is dealt with by ESH&Q, which operates with a budget that is
16 approximately \$150 million. The future is dealt with by both programs; the
17 combination of cleaning up the past and controlling the present will create the
18 future.
19

20 Mr. Longacre asked why is it that the USDA can respond to problems in food
21 rapidly, and it takes DOE so much longer to respond to problems and clean up
22 environmental contamination. Secondly why is there so much waste on the hill
23 and misuse of budget such as replacing computers every three years, could LANL
24 save the money and put it into environmental programs? Finally why can't LANL
25 do away with jobs and projects that the average citizen doesn't care about and
26 put it toward environmental programs?
27

28 Mr. Brandt responded "I'm glad that the CDC intervenes very quickly to stop
29 an emergent outbreak of a disease." He noted that typically the problem in cases
30 dealing with food contamination, like wisteria in melons, are related to
31 sanitation issues. As a member of the public I am thrilled that the CDC intervenes
32 very quickly to resolve the problem. In answer to your remaining questions, in
33 my organization we are outcome focused. My intent is to husband our resources
34 wisely, do the job effectively with the funds available, and operate efficiently and
35 effectively.

36 Dr. Deborah Shaw, asked what species of trees or plants were planted to
37 uptake contaminants in the streambed. Are the plants periodically harvested to

1 remove contaminates that they uptake, and are there any herbivores in the area
2 that are feeding on them.

3
4 Ms. Lorrie Bonds-Lopez responded that over 10,000 willows were planted in
5 the stream to slow down the speed of the sediment laden water, to keep the
6 sediments on site. She noted the plants were not planted to uptake
7 contaminates.

8
9 Mr. Arthur Mascarenas asked how the environmental side fares against
10 weapons and computers when budget cuts are passed down from DOE.

11
12 Mr. Brand responded that the work is prioritized using a baseline process
13 based on the work that needs to be completed. The budget for the computers or
14 weapons is not necessarily weighted more heavily than environmental. The
15 process attempts to identify projects that are required and projects that are not
16 and fund them accordingly.

17
18 A member of the public questioned where an earthquake causing a
19 catastrophic release would fit into the equation.

20
21 Mr. Brand responded that it would be taken into account in the overall
22 scenario planning for protection of the public. He noted "however I'm not an
23 expert in regards to the actions being taken for the PF-4, I do know that the
24 facility has been hardened with regards to structural changes for the PF-4."

25
26 With no additional questions the NNMCAB moved on to the next
27 presentation.

28
29 **C. Presentation on Radiation and Health/Cancer Rates in Northern New Mexico**

30 The New Mexico Department of Health (NMDOH) in conjunction with the
31 University of New Mexico (UNM), gave a two part presentation. The first part of
32 the presentation presented by Ms. Heidi Krapfl from the NMDOH related to
33 Radiation and Health. Part two was presented by Dr. Chuck Wiggins of UNM, on
34 the topic of Cancer Rates in Northern New Mexico Communities. A Hard copy of
35 the presentations may be obtained at the NNMCAB website:

36 <http://www.nnmcab.energy.gov> under presentations. Video of the presentations
37 have been posted to the NNMCAB YouTube channel,

1 <http://www.youtube.com/watch?v=eLBH7gRiWTO> and
2 <http://www.youtube.com/watch?v=sCGn7PSps9E> .

3
4 **D. Questions**

5 Mr. Villarreal stated that radon from uranium really gives us more radiation
6 than anything.

7
8 Ms. Krapfl noted that one of the first slides had noted that and that where
9 you find uranium individuals should test for radon in their homes.

10
11 Mr. Pacheco asked about radiation from building materials.

12
13 Ms. Krapfl responded that if you have granite counter tops you will be
14 exposed to more ionizing radiation than if you use natural building materials.
15 However, she noted that she was not aware of the exact amount of exposure
16 difference.

17
18 Dr. Girardi asked how individuals that move from one place to another are
19 taken into account when compiling the data.

20
21 Dr. Wiggins responded that most cancers take 10 to 15 years to develop, and
22 that a study like this one would not be used to determine the final results.
23 Interviews would be conducted with individuals to determine background, and
24 history, and identify locations and types of cancers.

25
26 Mr. Villarreal stated that his doctor had informed him that all males will
27 eventually develop prostate cancer.

28
29 Dr. Wiggins noted that that conclusion was likely derived from a study that
30 looked at a large sampling of older men who had died. The results showed that
31 almost 80% of the individuals tested had some form of prostate cancer.

32
33 With no additional questions the NNMCAB moved on to the next presentation

34
35 **E. Presentation on Occupational Illness Compensation**

36 Mr. Jim Ferguson gave a presentation on Occupation Illness Compensation. A
37 Hard copy of the presentation may be obtained at the NNMCAB website
38 <http://www.nnmcab.energy.gov> under presentations.

1
2 **F. Questions**

3 Dr. Girardi asked how many out of the 3000 individuals had been diagnosed
4 and what conditions they had been diagnosed with. Additionally were the jobs that
5 the affected individuals were doing different from those that were not affected.
6

7 Mr. Ferguson responded that the DOE puts out an annual report that breaks
8 down that information.

9
10 **XI. Items from Liaison Members**

11 **A. Los Alamos National Laboratory**

12 Mr. Mousseau noted that in worker safety there had been no accidents or
13 injuries in the program since the last meeting. The OSHA recordable rate was at
14 .34, the lowest it has been in several years. 500 workers in the TRU program
15 have had 100 days without an accident, and 420 accident free days in the
16 Corrective Actions Program (CAP). Mr. Mousseau also noted that the dose
17 number for the year was 35% less than the goal of 11,000 mrem, and 25% less
18 than the previous year's numbers.

19 Mr. Mousseau stated that on the 3706 Campaign, LANL has shipped 11,733
20 cubic meters to the Waste Isolation Pilot Plant with 253 cubic meters of that
21 number shipped this year. He noted that the WIPP site was currently in an
22 outage that was scheduled to end February 15th 2013. He stated that 2 of the
23 box lines and 1 of the drum lines were now operating 7 days a week 12 hours a
24 day. Additionally the 375 box line is scheduled to turn over from construction to
25 start-up some time later next week.

26 He also stated that since operations began in 1999 there have been a total of
27 1139 shipments; 42 shipments occurred this year.

28 In the CAP program the work at TA-32 has been completed, and NMED has
29 completed a request for the transfer of land to Los Alamos County. Additionally
30 Mr. Mousseau noted that the enclosures at TA-21 have been taken down. The
31 final note was that the CAP program is working with NMED on an Interim
32 Measures Plan for the chromium contamination.

33
34 Mr. Sayre asked based on the chart that you show and given that we are one
35 third of the way through the fiscal year (FY) will LANL be able to make the 1800
36 drums this year.
37

1 Mr. Mousseau responded with the new box lines coming on line and the
2 increased work load, LANL is on track to meet the expected goal for FY13.

3
4 Ms. Majure asked if there was a schedule for disposition of the below ground
5 TRU requiring retrieval, and has it been made public yet.

6
7 Ms. Bonds-Lopez responded that there was a schedule and LANL was trying to
8 get it out for the public sometime next week.

9
10 Mr. Villarreal noted that the WIPP budget had gone down, and with that
11 budget decrease how long would WIPP be able to support this effort.

12
13 Mr. Mousseau stated that he was not privy to the exact amount of the
14 decrease; however, LANL has been working closely with the WIPP team and
15 LANL is the number one priority at WIPP. That being said, LANL would likely be
16 the last to feel an effect from a WIPP budget cut.

17
18 **B. New Mexico Environment Department**

19 Mr. David Cobrain noted that the NMED had issued a draft permit to add a
20 TRU container storage unit at LANL that would be for newly generated TRU
21 waste generated by LANL. He noted that the public comment period would be
22 open from January 14, 2013 and would end March 15, 2013.

23
24 **C. Environmental Protection Agency**

25 There was no new information from the EPA

26
27 **D. Department of Energy**

28 Mr. Pete Maggiore started by thanking Carlos Valdez for attending the
29 DOE/LANL legislative breakfast, and Ms. Menice Santistevan for help organizing
30 the breakfast. Mr. Maggiore noted that DOE/LANL had held its first legislative
31 breakfast earlier that day.

32 Mr. Maggiore also promised an update at the next NNM CAB meeting
33 concerning the changes in the leadership at NNSA. He also noted in response to
34 the questions on WIPP that Carlsbad had assured LANL that they could catch
35 whatever LANL could process.

36 Mr. Maggiore addressed the FY'14 budget, noting that the pass back had been
37 received at Headquarters. Currently the budget number is embargoed so he was
38 not sure what the actual number was. He further elaborated that the President's

1 budget is normally released in February; however, with the FY'13 budget still
2 undecided the release had been delayed.

3 Mr. Maggiore announced that if the sequestration scheduled for March 1st
4 happens, LANL would face a budget cut of 7 to 10 percent over the FY12 actuals.
5 He noted that the current continuing resolution expires on March 24, 2013;
6 depending on the direction the budget takes that will tell us how much money
7 will be available for the end of the FY.

8 Mr. Maggiore addressed the 33 Shafts, noting that DOE was in the process of
9 kicking off a NEPA assessment. He offered to present more information on the
10 NEPA process at a subsequent meeting.

11
12 Dr. Girardi asked if DOE knew when the process was going to kick off

13
14 Mr. Maggiore responded that DOE was trying to kick off the process now, that
15 currently DOE was looking for funding to start the NEPA process.

16
17 **XII. Public Comment Period**

18 Mr. Valdez opened the public comment period; with no comments from the
19 public the public comment period was closed.

20
21 **XIII. Consideration and Action on Draft Recommendation 2013-01**

22 Mr. Valdez opened the floor for comments on Draft Recommendation 2013-
23 01. The Recommendation addresses the 33 Shafts and the non-response from DOE
24 on the previous Recommendation 2010-01. The Recommendation asks that DOE
25 reply to the original recommendation 2010-01. Mr. Valdez asked that Ms. Majure
26 walk the members through the new Recommendation.

27
28 Ms. Majure responded that during the Combined Committee meeting the
29 topic of the 33 Shafts was discussed, she noted that during the meeting she was
30 asked to write a recommendation. Looking at the 2010-01 Recommendation, the
31 response that was received from DOE was sort of a non-response. The response
32 does agree that Recommendation 2010-01 will assist in determining the proper path
33 forward; with that in mind Recommendation 2013-01 asks that DOE revisit
34 Recommendation 2010-01 and respond more thoroughly.

35
36 Mr. Villarreal noted that when Recommendation 2010-01 was written there
37 were two recommendations written up, and the NNMCAB only accepted one of the
38 recommendations. The second recommendation that was written but not accepted

1 recommended that LANL use remote operations to handle the waste in the 33
2 Shafts. He also stated that LANL has a large amount of information on the 33 Shafts,
3 and the waste configurations. He recommended that LANL might want to take the
4 approach of working on the easier shaft configurations and then moving on to the
5 more complex configurations as more is learned about the removal process. He
6 further suggested that LANL should look into remote handling operations. He
7 recommended writing the new recommendation in such a way as to present LANL
8 with multiple options to choose from and let them decide which method would be
9 best suited for removal operations.

10
11 Mr. Valdez asked Mr. Worth if DOE/LANL had made a decision on leaving the
12 33 Shafts in place or removing the waste.

13
14 Mr. Worth responded that a decision had not yet been made and would likely
15 not be made until the NEPA process was completed. He further stated that the
16 NNMCAB should add to the Recommendation that DOE needs to make sure there is
17 a disposal path for the waste before it is removed.

18
19 Mr. Villarreal stated that maybe he should write up 3 or 4 recommendations
20 to present to the board, and let the board decide if we should go forward with them.

21
22 Ms. Majure noted that Recommendation 2010-01 addressed multiple
23 methods for disposal; however, the underlying intent of the recommendation was to
24 get DOE to respond to removing the waste or not removing the waste. The idea
25 behind the 2013-01 was to get a response from DOE on the questions of removal,
26 not necessarily how to do it.

27
28 Mr. Valdez stated that Recommendation 2013-01 was basically stating take
29 action, whatever that action is.

30
31 Mr. Villarreal responded it's not so much how but the methodologies, we
32 don't have to tell LANL how; but rather here are methodologies that could be used.

33
34 Ms. Majure responded we need the do it now, before we move on to the
35 how.

1 Dr. Shaw stated she would suggest adding recommendations that have been
2 discussed, with an outline of the methodologies. She noted that she is to the point
3 of demanding a response from DOE, on this issue.
4

5 Mr. Lawrence Garcia agreed with Ms. Majure and Mr. Villarreal we are to the
6 point where we need answers; are you going to move the shafts or leave them. He
7 noted that the NNM CAB had already requested the 2014 budget and there are items
8 tied to the 2014 budget, also noting that the 33 Shafts may have been included. If
9 not, the 33 Shafts would need to replace items already in the 2014 budget. We need
10 to find out if the 33 Shafts are tied to the 2013 or 2014 budgets.
11

12 Ms. Bonds-Lopez responded that a small portion of the 2013 and 2014 budget
13 have been assigned to the 33 Shafts, for investigation studies. She noted that Mr.
14 Dan Cox would be the individual to ask for further information on the budget,
15 allotted to the 33 Shafts.
16

17 Mr. Garcia stated with that information at hand he believes that the
18 recommendation 2013-01 could go forward.
19

20 Mr. Worth stated that there are individuals actively looking at the 33 Shafts
21 He believes that DOE is currently in a better position to address the 2010-01
22 recommendation. He also noted that below grade TRU is addressed as part of the
23 Consent Order.
24

25 Mr. Pacheco stated that we should submit the recommendation and get a
26 response from DOE. As part of the recommendation we should request possible
27 technologies LANL would look at using.
28

29 Mr. Phelps noted that we have two distinct issues, getting DOE off the dime
30 and the technical approach to the problem. The NNM CAB could provide two
31 recommendations, one requesting that DOE issue a response to the 2010-01
32 recommendation, and a second recommendation addressing the issue of
33 methodologies. He would recommend adding a line to recommendation 2013-01
34 noting that the NNM CAB intends to provide a subsequent recommendation to DOE
35 to address methodologies.
36

37 Ms. Majure responded that would provide additional time to get information
38 from Mr. Cox.

1 Dr. Girardi stated that she agrees with Mr. Phelps on submitting two
2 recommendations. DOE can't make a 2013 or 2014 budget request without knowing
3 what they are planning to do, so an answer to this is pertinent. She noted that she
4 would be willing to ask for a vote on it. She also asked if the Waste Management
5 Conference would be a good place to acquire information on new technologies that
6 could be used for the 33 Shafts.
7

8 Mr. Sayre stated that a sentence could be added requesting a response from
9 DOE by a certain time.
10

11 Mr. Valdez suggested that Recommendation 2013-01 be written as two
12 recommendations on one sheet. The first recommendation 2013-01 as is, the
13 second recommendation would be a request for DOE to provide a presentation on
14 the 33 Shafts.
15

16 Ms. Majure responded that she felt that would give DOE more room to
17 shuffle; she was concerned that we would not get a response on the record.
18

19 Mr. Worth noted that he believed that DOE would still issue a response to the
20 recommendation in addition to providing the presentation.
21

22 Ms. Majure responded that a presentation might lead to an analysis on why
23 the project can't be looked at, "kind of an analyses paralysis."
24

25 Mr. Phelps noted that he was not comfortable requesting that DOE respond
26 by a certain date.
27

28 Dr. Girardi asked if the request should include a request for the final disposal
29 options on waste removed. She also stated that it would be good to get a
30 recommendation out the door by the end of this NNM CAB Meeting.
31

32 Mr. Longacre stated that he felt the NNM CAB's next recommendation should
33 be on recommendations. The recommendation should ask that DOE give an up or
34 down vote on recommendations submitted by the NNM CAB, and that unapproved
35 recommendations should include a response for why the recommendation was not
36 approved.
37

1 Dr. Shaw agreed with Dr. Girardi, the NNMCAB needs to get the
2 recommendation out the door. She also noted that she would like to have a
3 presentation on technologies that could be used; however, not in the form of a
4 lecture but as a two way conversation between DOE and the NNMCAB.
5

6 Mr. Valdez asked Mr. Worth if the request for a presentation should be added
7 to the recommendation.
8

9 Mr. Worth responded that he could get the presentation for the NNMCAB
10 without the need for an official request for a presentation in the 2013-01
11 recommendation.
12

13 Ms. Santistevan suggested that the presentation be more of a round table
14 than a Power Point lecture.
15

16 Mr. Sayre noted that he would still like a time frame added to the
17 recommendation. He suggested that instead of adding a sentence with an exact date
18 for a response, the recommendation should simply ask for a timely response.
19

20 Mr. Pacheco made a motion to approve Recommendation 2013-01 with
21 amendments, Mr. Sayre seconded the motion. The NNMCAB vote all in favor; the
22 motion to submit recommendation 2013-01 passed.
23

24 **XIV. Wrap-up and Comments**

25 Mr. Valdez opened the floor for general comments from members of the
26 board.
27

28 Mr. Garcia, Dr. Shaw, Ms. Majure, Mr. Phelps Mr. Sayre and Mr. Joseph
29 Viarrial all thanked everyone for attending; each felt it had been a good and
30 productive meeting.
31

32 Mr. Longacre noted that he felt the board should produce more
33 recommendations; he suggested that all the members should go home and between
34 this meeting and the next each member should write a recommendation.
35

36 Dr. Girardi noted that the presentations at this meeting were very
37 informative.
38

1 Mr. Pacheco also noted that the presentations were good, he agreed with Mr.
2 Longacre's challenge to the board on writing recommendations.

3
4 Mr. Villarreal asked about the recommendation that had been submitted
5 about WIPP.

6
7 Mr. Valdez noted that the NNM CAB had received a response that was thanks
8 but no thanks.

9
10 Mr. Tiano noted that he felt it was a good meeting. Additionally he stated for
11 the record that he felt Ms. Green was an Anti-Nuke protestor disguised as an
12 environmentalist and was using the DNFSB memorandum to get rid of PF-4. He
13 noted that at this point he would vote for a recommendation to build a better
14 facility at PF-4 to protect the plutonium in the event of an earth quake.

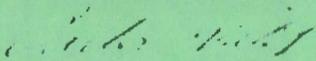
15
16 Ms. Santistevan thanked all the members for attending; she also asked that
17 members let her know if they would need a room for the March 20th 2013 meeting
18 in Albuquerque.

19
20 Mr. Worth assured the members that he would bird dog the recommendation
21 and make sure the NNM CAB received a response.

22
23 **XV. Adjournment**

24 With no further business to discuss, Mr. Worth adjourned the meeting at 7:13
25 p.m.

26
27
28
29 **Respectfully Submitted,**



30 **Carlos Valdez, Chair, NNM CAB**

31
32 ***Minutes prepared by William Alexander, Technical Programs and Outreach, NNM CAB**

33
34 **Attachments**

- 35 1. Final NNM CAB Meeting Agenda for 01/30/2013
36 2. Final NNM CAB Meeting Minutes for 12/04/2012

- 1 **3. Final NNMCAB Meeting Minutes for 09/26/2012**
- 2 **4. EM-SSAB Chairs October 3, 2012 Meeting Draft Recommendations**
- 3 **5. Information Package on PF-4 provided by Jeanne Green (Public)**
- 4 **6. Report from Carlos Valdez, NNMCAB Chair**
- 5 **7. Report from Menice Santistevan, Executive Director**
- 6 **8. Presentation by LANL on Long Term Strategy for Environmental Stewardship &**
- 7 **Sustainability**
- 8 **9. Presentation by NMDOH on Questions About Radiation and Health (with Fact Sheet)**
- 9 **10. Presentation by UNM on Cancer in Northern New Mexico Communities**
- 10 **11. Presentation by LANL on Occupational Illness Compensation**
- 11 **12. 3706 Campaign information provided by LANL**
- 12 **13. Draft Recommendation 2013-01 on the 33 Shafts**

13

Public Notice:

14

***All NNMCAB meetings are recorded. Audio CDs and Video disks have been placed on file for review at the NNMCAB Office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506.**

15

16

***Reference documents listed in the Attachments section of these minutes may be requested for review at the NNMCAB Office by calling (505)989-1662.**

17

18

**Northern New Mexico Citizens' Advisory Board
Executive Director's Report**

March 20th, 2013

Board Membership: The NNM CAB currently consists of 20 members. A nomination package has been submitted to DOE Headquarters, requesting that five individuals be appointed to the NNM CAB. In addition, Bonnie Lucas and Joey Tiano have agreed to serve another two- year term. Ralph Phelps' service on the board will end on May 2nd as he has served three (2 year) terms, the maximum allowed under EM-SSAB rules.

Executive Committee Meetings: The Committee met on Feb. 13th at the NNM CAB Office. The committee heard reports from the Chair, Committee Chairs, DDFO and Executive Director. The committee finalized the agenda for this meeting and discussed meeting presentation requests and draft recommendations for future CAB consideration. The committee also discussed future tours, NNM CAB membership and attendance and out of state travel requests.

Board Meeting Preparations: I prepared the Draft Agenda for this meeting, and submitted the notice to *The Federal Register* on Feb. 15th in compliance with the Federal Advisory Committee Act. I made all arrangements at the Albuquerque Marriott Pyramid North, including meeting room set-up, catering and video and audio support. Ed Worth and I coordinated the speakers and the Liaison Member attendance. All meeting materials were copied and collated by Tiffany Ortiz and meeting packets were mailed out on March 13th. An advertisement for the meeting was placed in *The Albuquerque Journal North* and on the NNM CAB website and on Facebook. Press releases were also sent to area news media and flyers were posted in Santa Fe and Albuquerque by William Alexander.

Outreach: I have made a concerted effort to contact Pueblo Governors, local Mayors and civic organizations to recruit new members to the NNM CAB. I also contacted Santa Fe Community College; two environmental science students have applied for membership. William Alexander prepared the Winter Newsletter and it has been distributed throughout northern New Mexico.

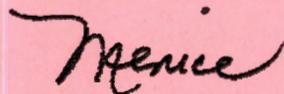
Important Upcoming Dates:

LANL Tour in lieu of Committee Meeting in April (date TBD)

May 8th Combined Committee Meeting

May 22 Buckman Tour and NNM CAB Bi-monthly in Santa Fe

Respectfully submitted,



**Menice B. Santistevan
Executive Director
NNM CAB Support Office**

Ralph L. Phelps
Trip Report
Waste Management Symposium 2013 (WM2013)
Phoenix, AZ
Attended 2-24-2013 to 2-27-2013

General Observation

The symposium seemed to me to be a little stale this year. Maybe it was the particular line of presentations and panels I selected to attend, but most of what was presented was a re-hash of old information and a restatement of goals and objectives for which little progress had been made.

Discussion

There were two threads that received significant attention this year for the first time: 1.) Interim storage of high level commercial waste, in particular, used nuclear fuel from reactors; and 2.) Waste minimization and optimization, including reprocessing and small modular reactors (SMRs). The featured country was Canada, and there were many presentations on how Canada is managing the high and low level waste issues, including site clean up. It was interesting to hear about Canada's energy industry and how they really are world players in size.

On the first day, I attended a presentation on Fukushima, but this turned out to be a re-hash of the event and not the plans to go forward. Then I tried presentations on strategies for used nuclear fuel, but these were mainly a review of the work done in the 1980s and 1990s to try and consolidate fuel, and to develop and transport (theoretically) high level wastes. There was also a lot of information on dry storage facilities, which for now, are dispersed at over half the nuclear power plant stations in the USA. But this was old information, and not much was said about how this material might be moved and stored at a government interim storage location.

The first panel I participated in, "The Effectiveness of Advisory Boards", went well, and we all were able to present our perspectives. The audience was sparse since we had the 3:15 PM timeslot. There was a good exchange with an audience member from Canada who was in the process of setting up a similar Advisory Board program for one of their environmental restoration sites, and she probably will be contacting our CAB office for advice and materials.

On the second day, I tried to follow the threads on used nuclear fuel disposal, both in the USA and internationally. The information on the options, namely, reprocessing, consolidation, interim dry storage, deep underground repositories, improved fuel design to reduce wastes, and new reactor designs was interesting, but dated. France has the most advanced disposal program for waste because they do extensive reprocessing to minimize used fuel.

An interesting presentation on interim government storage attempted to scope out the concerns that needed to be addressed. These reminded me of the WIPP concerns. The current dry storage fuel rods would have to be characterized in some way (gamma scan, removal and re-pack?) in order to verify their integrity and their ability to withstand the shipping stresses. Then the packing would have to be made compatible with whatever cask design was selected for the repository. There are, according to the

presenter, over 20 different dry cask designs in use. There is no plan yet to deal with damaged or broken used fuel rods which are still in the spent fuel pools at the reactors.

The second panel I participated in, "Realigning TRU Disposal Priorities ...", also went very well, although I would still rate attendance on the light side. Mike Nartker from WCM was the only one to ask a question, about the sequester.

The keynote speakers reflected the emphasis of WM2013 (my opinion). William Ostendorff is an NRC commissioner and spoke about the regulatory role in both long term and interim repositories for spent nuclear fuel, the importance of small reactors and international cooperation. This was a statement that the Yucca Mountain project is dead, and we now need to focus on interim storage; he made no mention of how this would be done or what the political challenges are other than to state we need a cooperative community for siting. David Huizenga (DOE – EM 1) presented his usual state of the EM complex regarding clean up progress, pretty much the same as we hear at the Chairs meetings. Peter Lyons is Assistant Secretary for Nuclear Energy and he also talked about the Blue Ribbon Commission recommendations for interim storage and the lessons learned from Fukushima. Finally, Jonathan Will, the Director General of Electricity Resources in Canada, discussed the status and future plans for managing the waste from both current and legacy energy operations.

Although the DOE budget was a general concern, there was more emphasis (in my opinion) on the interim storage of used nuclear fuel and in the need to develop plans and programs for future waste management. Obvious concerns such as the leaking tanks at Hanford were mentioned, but there appeared to be less emphasis on the legacy waste issues.

NORTHERN NEW MEXICO CITIZENS' ADVISORY BOARD (NNMCAB)

Waste Management Committee

Recommendation to the Department of Energy

No. 2013-02

**Recommendation to Review Material Disposal Areas at LANL in Addition to Technical Area 54 (TA-54)
for Risks Associated With Fires**

Background

NNMCAB Recommendation 2011-09 of July 27, 2011 recommended a new urgency for increased TRU shipments from MDA G as a result of the concerns from the Las Conchas fire. This recommendation, as well as encouragement from the Governor of New Mexico, led to establishment of the "3706 Campaign" by LANL to expedite the removal of the above ground TRU waste and shipment to WIPP by June, 2014 in order to reduce the risk to the public around Los Alamos and White Rock.

Discussion

The very visible waste storage buildings at MDA G are a public symbol for the priority assigned to the 3706 Campaign. But the threat posed by a fast moving wild fire may pose different radiological consequences for other Material Disposal Areas around the LANL complex. Uncontrolled fire may create the potential for airborne movement of contaminants. Surface water effects, either from firefighting or from post-fire flooding, may also result in contaminant movements.

Recommendation

1. DOE should ensure that LANL performs a review of all MDAs that have radiological contaminants to establish whether specific mitigation measures should be instituted to prioritize removal of these contaminants. This review should focus on vulnerabilities associated with wild fires.
2. If any MDA is identified as high risk for wild fire, LANL should ensure that appropriate mitigating measures have been put in place until longer range priorities are established to remove the material or to reduce the risk.

Intent

The intent of this Recommendation 2013-02 is to ensure that the appropriate level of review has been given to MDAs other than MDA G at LANL that may be at similar risk in the event of wild fires.

Effect

The effect of implementing this recommendation is to increase public confidence that LANL has performed a comprehensive review of the risks from wild fires associated with MDAs having radiological contaminants and that LANL has prioritized these MDAs to reduce radiological risks to the public from wild fires.

Reference:

1. NNMCAB Recommendation 2011-09, "New Urgency For Increased TRU Shipments From MDA G"