



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



May 23, 2012

Dear NNM CAB and Liaison Members,

Enclosed is the information you will need for the NNM CAB meeting scheduled for May 30th, 2012 at The Lodge at Santa Fe.

This meeting will serve as an educational meeting for our new members and as an update for our veteran members. Staff from DOE, NMED and LANL will present on their agency's respective roles in the clean-up effort at LANL. During the evening session, Lee Bishop will present on the 3706 TRU Campaign.

Chairman Phelps requests that members arrive before 1:00 p.m., so that a quorum may be established promptly.

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
Executive Director
NNMCAB Support Office



Northern New Mexico Citizens' Advisory Board Meeting

May 30, 2012
1:00 p.m. to 7:00 p.m.
The Lodge at Santa Fe
750 N. St. Francis Drive
Santa Fe, NM 87501

AGENDA

<u>Time</u>	<u>Action</u>	<u>Presenter</u>
1:00 p.m.	Call to Order	Ed Worth, DDFO
	Establishment of a Quorum (10 needed)	
	a. Roll Call	Karen Erickson
	b. Excused Absences	
	Welcome and Introductions	Ralph Phelps, Chair
	Approval of Agenda	
	Approval of Minutes of March 28th, 2012	
1:15 p.m.	Public Comment Period	
1:30 p.m.	Old Business	
	a. Written Reports – See Packet Enclosures (5 minutes)	
	b. Report on Spring Chairs' Meeting	Ralph Phelps and Carlos Valdez
	c. Other items	
1:45 p.m.	New Business	
	a. Letter from EM-SSAB Chairs to Dave Huizenga	
	b. Draft Letter from Ralph Phelps to Dave Huizenga	
	c. Appointment of Nominating Committee for Sept. Elections	
	d. Other items	
2:15 p.m.	Items from DDFO	Ed Worth
	a. Update from DOE	
	b. Definition of One Contaminant	
	c. Other items	
2:30 p.m.	New Mexico Environment Department (State Regulator)	John Kieling
	• Status of Consent Order	
	• Overview of RCRA Permit	
	• NMED Top Three Issues	
3:15 p.m.	BREAK	
3:30	"State of the Laboratory"	Pete Maggiore and Michael Graham
	• Organizational Charts (LASO, LANS and DOE-EM)	
	• EM Baseline	
	• Progress in Clean-up	
	• Framework Agreement	
	• Top Three Issues	
	• Future Activities	

4:30 p.m.	Environmental Protection Agency (Federal Regulator) <ul style="list-style-type: none">• Federal Facilities Compliance Act• National Pollutant Discharge Elimination System (NPDES) Permit Program• Waste Isolation Pilot Plant (WIPP)• Other EPA Regulatory Activities at LANL	Ed Worth
5:15 p.m.	Dinner Break	
6:00 p.m.	Public Comment Period	
6:15 p.m.	Update on "3706 TRU Waste Campaign"	Lee Bishop
6:45 p.m.	Wrap-up and Comments from Board Members	Ralph Phelps
7:00 p.m.	Adjourn	Ed Worth, DDFO



Northern New Mexico Citizens' Advisory Board Meeting
March 28, 2012
1:00 p.m. to 7:00 p.m.
Meeting Location: Marriott Pyramid North
Albuquerque, New Mexico

MINUTES

Meeting Attendees:

Department of Energy:

Ed Worth, Deputy Designated Federal Officer (DDFO)

Pete Maggiore, Assistant Manager for Environmental Projects

NNMCAB Members:

- 1. Ralph Phelps, NNMCAB Chair**
 - 2. Carlos Valdez, NNMCAB Vice Chair**
 - 3. Manuel Pacheco, Waste Management (WM) Committee Chair**
 - 4. Doug Sayre**
 - 5. Bonnie Lucas**
 - 6. Lawrence Longacre**
 - 7. Lawrence Garcia**
 - 8. Joey Tiano**
 - 9. Nona Girardi**
 - 10. Allison Majure**
 - 11. Art Mascarenas**
 - 12. Robert Villarreal**
 - 13. Brenda Gallegos**
 - 14. Nick Maestas**
 - 15. Nicole Castellano**
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Excused Absences:

Deb Shaw
Mike Loya

Marked Absent:

Jacqueline Gutierrez

NNMCAB Support Staff:

Menice Santistevan, Executive Director

1 **Grace Roybal, Senior Cost Analyst**
2 **Karen Erickson, Technical Writer**
3 **Edward Roybal, Sound Technician**

4

5 **Guests:**

6 **Stephen Schmelling, Public**
7 **Miquela Pacheco, Public**
8 **Dave McCoy, Director, Citizen Action New Mexico**
9 **Patricia Parrish, USDOE/NNSA/LASO**
10 **Veronica Cruz, Citizen Action New Mexico**
11 **Bill Woldman, Senator Tom Udall's Office**
12 **Christina Houston, LASO**
13 **Jeri Clausing, Associated Press**
14 **Tom Skibitski, NMED DOE Oversight Bureau**
15 **Rich Mayer, US EPA, Dallas, TX**
16 **Paul Torcoletti, US EPA, Dallas, TX**
17 **Henry Misserville, Public**
18 **Joe Estrada, NNSA-SSO**
19 **Ray Wood, LASO/EPO**
20 **John Cochran, Sandia National Laboratories**
21 **Colleen Curran, LANL**
22 **Jane DeRose Bamman, Albuquerque Bernalillo County Water Utility Authority**
23 **Chris Alexander, Public**
24 **Cecilia Mascarenas, Public**
25 **Candyce O'Donnell, Videographer**

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28

1 **MINUTES**

2 **I. Call to Order**

3 The regular bi-monthly meeting of the Northern New Mexico Citizens' Advisory Board
4 (NNMCAB) meeting was held on March 28, 2012 at the Marriott Pyramid North in Albuquerque,
5 New Mexico. Mr. Ed Worth, Deputy Designated Federal Officer (DDFO), stated that on behalf
6 of the Department of Energy (DOE), the regular bi-monthly meeting of the NNMCAB was called
7 to order at 1:00 p.m.

8 Mr. Worth recognized Mr. Ralph Phelps as NNMCAB Chair. The Chair presided at the
9 meeting.

10 The regular meeting of the NNMCAB was open to the public and posted in **The Federal**
11 **Register** in accordance with **The Federal Advisory Committee Act (FACA)**.
12

13
14 **II. Establishment of a Quorum (10 needed)**

15 **A. Roll Call**

16 Ms. Erickson conducted roll call as the members arrived. Thirteen members were
17 present at the meeting at the time of roll call, which comprised a quorum for conducting
18 business.

19 **B. Excused Absences**

20 Ms. Erickson recorded that Deb Shaw and Mike Loya had approved excused absences.
21

22
23 **III. Welcome and Introductions**

24 Mr. Phelps welcomed everyone to the meeting. He asked for introductions from the
25 members and guests in attendance.
26

27
28 **IV. Approval of Agenda**

29 The board reviewed the March 28, 2012 NNMCAB meeting agenda. The board would
30 hear two presentations on the Status of Sandia Laboratory's Environmental Restoration
31 Program, and Effects of Upstream Events/Sources on the Rio Grande.

32 **Mr. Sayre moved to approve the agenda and Mr. Tiano seconded the motion. Mr.**
33 **Worth mentioned a minor change to the agenda, that Mr. Pete Maggiore would be using Mr.**
34 **Worth's allotted time on the agenda. The meeting agenda was unanimously approved.**
35

36
37 **V. Approval of Minutes of January 25, 2012**

38 The board reviewed the minutes from the January 25, 2012 NNMCAB meeting. By
39 ongoing instructions from DOE Headquarters, the minutes were previously reviewed and
40 certified by the NNMCAB Chair, Mr. Ralph Phelps. Mr. Phelps stated that the January 25
41 minutes were included in the board packets and presented at this meeting for board approval.

42 **Mr. Garcia moved to approve the minutes as presented. Mr. Pacheco seconded the**
43 **motion. The minutes were unanimously approved.**
44

1
2 **VI. Old Business**

3 **A. Written Reports**

4 **1. NNMCAB Chair's Report**

5 A printed copy of the Chair's Report was included in the meeting packet and a
6 copy may be obtained by request from the CAB office at (505) 989-1662. Mr. Phelps
7 briefly reviewed the main points in the Chair's report:

8 a. Routine Chair Activities since last NNMCAB meeting on January 25, 2012
9 included the following:

10 1. Executive Committee met on 2-8-2012 and discussed agendas for
11 the 3-28-2012 NNMCAB meeting and 5-30-2012 Annual CAB Workshop;
12 approved a revision to the recommendation tracking sheet to include
13 specifics on actions taken; heard a report on a Memorial approved by the
14 New Mexico House to fully fund Material Disposal Area (MDA) G
15 transuranic (TRU) waste removal; encouraged committees to develop
16 2012 recommendations; and welcomed new and reappointed members.

17 2. Executive Committee met on 3-14-2012 and discussed Draft
18 Recommendation 2012-01 on the 2014 DOE Environmental Management
19 (EM) budget; discussed a paper on CAB activity that can be used for
20 public information; discussed the Chairs' Meeting agenda and the priority
21 item to be presented; announced the new NNMCAB offices Open House
22 date of May 16, 2012; approved videotaping NNMCAB meetings for local
23 TV and Web; approved the 3-28-2012 NNMCAB meeting agenda; and
24 announced four new appointees bringing the membership up to 19.

25 3. Supported Combined Waste Management (WM) and
26 Environmental Monitoring, Surveillance, and Remediation (EMSR)
27 Committee meetings on 2-8-2012 and 3-14-2012, which included
28 presentations by Los Alamos National Laboratory (LANL) and Los Alamos
29 Utilities Manager and election of committee officers.

30 b. Site-Specific Advisory Board (SSAB) Related Chair Activities since last
31 NNMCAB meeting on January 25, 2012 included a Chairs conference call on 2-23-
32 2012, during which EM Headquarters (HQ) status updates were received and
33 chairs discussed the 4-17-2012 meeting agenda and the new approach to
34 briefing on the priorities of each SSAB.

35
36 **2. NNMCAB Support Staff Executive Director's Report**

37 A printed copy of Ms. Santistevan's report was included in the meeting packet
38 and a copy may be obtained by request from the CAB office at (505) 989-1662. Ms.
39 Santistevan's report included:

40 a. Board Membership Update:

41 The NNMCAB is currently comprised of 19 members, including four new
42 members and two re-appointees.

43 b. Executive Committee Meetings:

44 The committee met on 2-8-2012 and 3-14-2012. The committee heard

1 reports from the Chair, Committee Chairs, DDFO, and Executive Director. The
2 committee finalized the agenda for this meeting and the format for the 5-30-
3 2012 Workshop, and discussed presentation requests, attendance, and
4 recommendation ideas. The committee discussed outreach to stakeholder
5 groups and how to better involve surrounding pueblos.

6 c. Board Meeting Preparations:

7 Ms. Santistevan prepared and submitted the agenda for the March 28
8 meeting and submitted notice to **The Federal Register**, in compliance with **The**
9 **Federal Advisory Committee Act**.

10 Arrangements were made by Ms. Santistevan with the Marriott Pyramid
11 North, including room setup and rental, and overnight reservations. Ms.
12 Santistevan and Ed Worth coordinated the speakers and liaison member
13 attendance. Meeting materials were copied and collated by Ms. Roybal and
14 meeting packets were mailed out on March 21st. An advertisement for the
15 meeting was placed in *The Albuquerque Journal* by Ms. Roybal and on the
16 NNM CAB website and calendar by Ms. Erickson. Press releases were sent out to
17 *The Santa Fe New Mexican* and to environmental publications.

18 d. EM Site-Specific Advisory Board Chairs' Meeting:

19 The spring Chairs' meeting will be hosted by the Paducah CAB April 17-
20 19. Ralph Phelps, Carlos Valdez, Ed Worth, and Ms. Santistevan will attend.

21 e. Outreach:

22 Ms. Roybal and Ms. Santistevan set up an outreach table at the State
23 Capitol Rotunda on February 10 during the Legislative session, speaking to many
24 and distributing literature and information about the NNM CAB. A booth will be
25 set up for Earth Day in Los Alamos on April 21.

26 f. Office Management

27 NNM CAB support staff has been working diligently to organize and outfit
28 the new offices in Pojoaque as efficiently as possible. The NNM CAB offices will
29 also serve as a venue for local established artists and student artists. The Open
30 House is now scheduled for May 16.

31 g. Important Upcoming Dates

32 Combined WM/EMSR committee meetings will take place April 25, 2012
33 at the Bradbury Science Museum in Los Alamos, followed by a tour of a LANL
34 well sampling site. May 16, 2012 is the NNM CAB Offices Open House, followed
35 by the combined committee meetings.

36 h. Next Board Meeting

37 The next NNM CAB meeting is its Annual Educational Workshop, which
38 will take place May 30, 2012 at The Lodge in Santa Fe.

39
40 **B. Report on Waste Management Symposia**

41 The Waste Management Symposia was attended by Mr. Pacheco, Mr. Tiano, Ms.
42 Santistevan, and Mr. Worth. Mr. Pacheco reported that the symposia featured an
43 amazing amount of technologies, services, and knowledge, opportunities for
44 networking, and chances to share with others around the country and the world what

1 the NNMCAB is and what its mission is. Mr. Pacheco reported that he presented a
2 paper written by Ms. Santistevan about the role of the SSAB in environmental cleanup
3 of DOE sites. Mr. Tiano reported a confidence in the safety of the United States in how
4 it handles and transports its waste, with greater regulation and more safety measures to
5 protect against terrorism and sabotage than are used in other countries. Mr. Longacre
6 suggested that future trips to classes/seminars/tours should ultimately result in a
7 recommendation. Mr. Pacheco added that a common frustration of symposia
8 participants was a lack of adequate funding. Ms. Santistevan said that the Waste
9 Isolation Pilot Plant (WIPP) site is a major topic at this conference, as it is the only
10 repository of its kind in the world. High-level waste disposition is another common
11 topic, because no one knows what to do with it.

12 Old Business was paused to allow for the first public comment period.
13

14
15 **VII. Public Comment Period**

16 Mr. Phelps announced the first public comment period. He introduced William
17 Woldman of Senator Tom Udall's office. Dave McCoy, Executive Director of Citizen Action New
18 Mexico, signed up for public comment.

19 Mr. McCoy presented some background on Citizen Action and presented some of the
20 group's concerns regarding operations at Sandia National Laboratories (SNL).

- 21 - The mixed-waste landfill had a defective monitoring network, but used data from it
22 to say that the ground water was safe from contamination. Mr. McCoy said that
23 reports from the New Mexico Environment Department (NMED) and the
24 Environmental Protection Agency (EPA) Region 6 exist regarding contamination and
25 insufficiency of the dirt cover of the mixed-waste landfill, but that Citizen Action
26 New Mexico is being prevented from accessing those reports, citing planned but
27 canceled review by DOE, an NMED delay of two years in doing a feasibility of
28 excavation review, and other secrecy and obfuscation by state and federal agencies.
- 29 - In a few years, Albuquerque's drinking water wells on the east side of town will be
30 contaminated with ethylene dibromide from a large jet fuel spill. On the west side
31 of town, there is water contamination in the Tijeras Arroyo, as well as other ground
32 water contamination. Open burning and open detonation are also still going on, and
33 there are several dump sites that SNL is trying to give a status of "no further action"
34 required, despite not having been properly monitored or investigated.
35 Contamination includes radionuclides, heavy metals, solvent wastes.
- 36 - An unsafe nuclear reactor, the annular core research reactor, is still being operated.
37 It should be shut down, but because the Defense Nuclear Facilities Safety Board
38 (DNFSB) has no authority to shut it down, DOE can keep it running despite it being
39 unsafe from earthquake at SNL's own admission, an out-of-date Environmental
40 Impact Statement (EIS) and other reports, and employees dying at early ages with
41 high cancer rates.
- 42 - SNL uses a tremendous amount of water – more than a million gallons a day – that
43 goes into the wastewater system.

- 1 - Mr. McCoy also mentioned concerns with waste at LANL, stating that some are
2 being touted as success stories but he does not believe that they are.

3 Henry Misserville, who had also signed up for public comment, was not present at the
4 time of the first public comment period. Mr. Phelps closed the first public comment period.
5

6
7 **VIII. Old Business, Continued**

8 **C. Election of Committee Chairs**

9 Committee chairs and vice chairs were elected at the March 14, 2012 combined
10 committee meeting, but a vice chair for the EMSR committee is needed through
11 October. Mr. Sayre will serve as chair.

12 **Mr. Pacheco nominated Allison Majure by acclamation, to which Allison agreed.**
13 **Mr. Garcia seconded the nomination. The motion passed.**
14

15 **D. Discussion of Alternate Viewpoints**

16 Mr. Longacre restated a desire to hear from independent or differing viewpoints
17 rather than just hearing from DOE or LANL. Mr. Phelps announced that more of our
18 liaison members would be arriving soon, as well as other invited guests who could
19 provide alternate viewpoints. Mr. Phelps stated that Mr. Longacre's point is well taken
20 and that we are interested in hearing both sides of the story.
21

22
23 **IX. New Business**

24 **A. Chairs' Meeting in Paducah, KY**

25 Mr. Phelps announced that a round robin would take place at the Chairs'
26 meeting wherein each CAB would be allowed to present for three to five minutes. He
27 called attention to the gray paper in the meeting packet with the NNMCAB's items for
28 report, and asked for any comments from NNMCAB members. Mr. Garcia asked if the
29 NNMCAB would be able to hear the presentation before the Chairs' meeting. Mr.
30 Phelps replied that the presentation is informal and not prepared, but that he will make
31 the meeting notes available to anyone who requests them. The NNMCAB's top three
32 issues will also be presented in writing at the meeting.
33

34 **B. Draft of Letter from Regional Coalition of LANL Communities**

35 Mr. Phelps reported that Los Alamos County Council Chair Sharon Stover called
36 him to request the NNMCAB's help in community support through the newly formed
37 Regional Coalition of LANL Communities, which includes some of our political
38 representatives. The Coalition drafted a letter requesting additional funding for cleanup
39 at LANL, and requested NNMCAB support for it.

40 Ms. Castellano asked whether the Coalition can lobby, since one of its members
41 is running for office. Mr. Worth clarified that they may lobby the federal government,
42 but not their own government.

43 Mr. Valdez asked if it would be good to have a NNMCAB member serve as a
44 member of the Coalition. Mr. Phelps replied that today's discussion only involves

1 establishing an initial relationship with this newly formed Coalition. Mr. Worth will look
2 into legalities of having an official or liaison membership affiliation with the Coalition.

3 **Mr. Pacheco moved to approve the letter. Mr. Sayre seconded the motion.**

4 Discussion centered on agreed-upon urgency of funding for remediation;
5 possible edits to the letter's contents and recipient(s); need for more information about
6 the Coalition, its members, and its intentions; and common goals of both groups. **The**
7 **motion passed unanimously.**

8
9 **Seeing no further new business, Mr. Phelps entertained a motion from Mr.**
10 **Sayre to reopen the public comment period. Ms. Lucas seconded the motion. The**
11 **motion passed unanimously and the public comment period was reopened.**

12 Henry Misserville of Citizen Action New Mexico reiterated concerns about a
13 nuclear reactor at SNL and lack of safety measures for potential uncontrolled motion,
14 failure of main control system, aircraft impact, and lack of a reliable evacuation plan.
15 Mr. Misserville also expressed concern with SNL's mixed-waste landfill, the as-yet
16 uncontained 80-million gallon jet fuel spill over Albuquerque's aquifer, and the military's
17 stated plan to shut down the wells if it invades the aquifer. He asked the NNMCAB to
18 support Citizen Action New Mexico's efforts to force the Air Force to remediate the jet
19 fuel spill, to shut down the nuclear reactor at SNL, and to support water authorities
20 putting pressure on SNL and KAFB.

21 Mr. Phelps closed the public comment period.
22

23
24 **X. Items from DDFO**

25 Mr. Worth reported that Mr. Lee Bishop is working very hard to get the TRU waste off
26 the hill. He is currently about 160% ahead of schedule. He will give a full report in May.

27 Mr. Worth also reported a management change; George Rael has accepted the position
28 of Manager of National Security Missions at the Los Alamos Site Office (LASO). Pete Maggiore
29 has assumed command of the environmental group.

30 Mr. Villarreal asked if there were any better or more efficient ways to transfer the waste
31 to WIPP than those methods currently being used. Mr. Worth replied that Mr. Bishop and his
32 group are constantly striving for better efficiency, as evidenced by their being ahead of
33 schedule, but that Mr. Worth will pose that question for Mr. Bishop to address when he
34 presents his report to the NNMCAB in May. Mr. Garcia asked how many shifts they are
35 running; Mr. Worth replied two for now, but a third may be added, and that current funding
36 would allow running three shifts for the remainder of the year.
37

38
39 **XI. Presentation: "Progress of Sandia Cleanup Operations," Joe Estrada, John Cochran,**
40 **Sandia National Laboratories**

41 A printed copy of the presentation notes may be obtained by request from the CAB
42 office at (505) 989-1662.

43 Joe Estrada, Environmental Restoration (ER) Federal Project Director with DOE/National
44 Nuclear Security Agency (NNSA) Sandia Site Office, and John Cochran, Environmental

1 Restoration Operations Project Manager with Sandia National Laboratories, gave a presentation
2 on cleanup and monitoring operations at and around the SNL site. Highlights included:

- 3 - SNL's public participation program, which transitioned from a SSAB to a Long-Term
4 Stewardship (LTS) Community Working Group from 2000 to 2006, allowing for less
5 formal meetings, then to periodic information sharing with the public at SNL's semi-
6 annual public meetings and at National Environmental Policy Act (NEPA)-related
7 public meetings.
- 8 - SNL currently manages 265 ER sites and 3 Ground Water Areas Of Concern (GW
9 AOCs) under a 2004 Consent Order with NMED. 233 of the 265 ER sites have been
10 completely closed.
- 11 - Remaining sites include a mixed waste landfill (solid waste management area, or
12 SWMU); 26 SWMUs in "corrective action complete" regulatory process, 5 SWMUs
13 undergoing ground water investigations, and the 3 GW AOCs, a burn test site, the
14 Tijeras Arroyo, and Technical Area (TA) V.
- 15 - Details presented on the mixed waste landfill included location and status of the
16 landfill, corrective measures taken, and long-term monitoring and maintenance
17 plans submitted to NMED.
- 18 - Details presented on the SWMUs included ground water monitoring progress and
19 future plans, and results of monitoring activities thus far.

20 NNMCAB members asked Mr. Estrada and Mr. Cochran about the nature of long-term
21 stewardship and plans for the land, the nature of the evapotranspirative cover over the landfill,
22 and how Citizen Action New Mexico's concerns were being addressed. The presenters stressed
23 that contaminants are not traveling and that the decision to leave the waste at the landfill will
24 be revisited every five years.

26
27 **XII. Items from Liaison Members**

28 **A. NMED Liaison John Keiling**

29 Mr. Keiling reported that the Hazardous Waste Bureau (HWB) of NMED is
30 monitoring several commercial and government sites. He clarified that radionuclides at
31 sites are regulated by the Nuclear Regulatory Commission (NRC) or DOE. Mr. Keiling
32 confirmed that one impetus of the Consent Order was to drive funding for cleanup.

33 Mr. Sayre asked how much monitoring of the Rio Grande is done by NMED; Mr.
34 Keiling replied that NMED does not do this monitoring, but that NMED receives
35 information from various monitoring agencies such as the DOE Oversight Bureau, the
36 United States Geological Survey (USGS), soil conservation and other groups.

37 Regarding the jet fuel spill, Mr. Keiling reported that NMED is in the
38 characterization phase, determining the location of the plume and installing monitoring
39 wells and soil vapor extraction wells. The HWB received the project two years ago and
40 has no timeline established yet for completion of characterization or for remediation.

41
42 **B. Michael Graham, Associate Director of Environmental Programs, LANL**

43 Mr. Graham reported on the shift in priorities to focus on shipping TRU waste to
44 WIPP while continuing necessary ground and surface water monitoring. Some

1 employees were lost to the recent reduction in staff, but local, state, and federal
2 support continues to push the cleanup forward, with waste shipments going ahead of
3 schedule.

4 Sometime in June the 1,000th shipment will be sent to WIPP, marked by a
5 celebration. Most remaining volume is in large fiberglass-reinforced plywood boxes,
6 and construction is almost done on a dome to cover those boxes. The theme of the
7 3,706 campaign is "Count on Us."

8 Questions were posed from the NNMCAB regarding what still needs to be done
9 and how funding issues will affect the rest of the work. Mr. Graham clarified that recent
10 cuts at LANL will not affect EM or waste removal.

11 Work at TA-21, which was the focus of American Recovery and Reinvestment Act
12 (ARRA) funds, remains on characterization and defining a remedy at MDA A and MDA B,
13 Mr. Graham said. Demolition needs to take place on water towers and an old water
14 treatment plant, picking up slabs, and finishing remediation in one area. This adds up to
15 about \$25 million and could be done in a couple years.

16 Dr. Girardi asked about a recent incident wherein something burned at MDA B.
17 Mr. Graham described the minor incident, explaining that all materials are packaged up,
18 emergency response measures worked well, and there were no releases or uptake
19 events. More research is being done to safely handle the material in question.

20 Mr. Graham added that some areas of contamination at the town sites will
21 require remediation, but that because the areas are small, it might be more efficient to
22 just scoop it out. They are also looking to resolve the sources of the contamination.

23
24 **C. Pete Maggiore, Assistant Manager for Environmental Projects, LASO**

25 Mr. Maggiore, along with budget expert Patricia Parrish, reported on work being
26 done on the current budget status and FY2013 funding, as well as a submittal for the
27 FY2014 budget. They are working on two scenarios, a base level case at the President's
28 proposed budget of \$239 million, and an investment level case, about a ten percent
29 increase from the President's proposed budget, to allow for accelerated or enhanced
30 work. The ten percent increase would allow work to proceed on the 33 shafts, a
31 particularly challenging /expensive project at TA-54, as well as deep vadose zone
32 cleanup opportunities and more chromium cleanup in the canyons.

33
34 **D. Rich Mayer, Environmental Protection Agency, Region 6, Dalls, TX**

35 Mr. Mayer clarified responsibilities for various programs, stating that the state
36 has primacy on hazardous waste, and the EPA has authority over the polychlorinated
37 biphenyls (PCBs) permit and TA-54/MDA G. EPA also does the radiation permit and
38 requires LANL to meet certain air emission standards. Mr. Mayer reported that there
39 have been no problems found with air radiation, although the state has detected a few
40 occasions of elevated radiation, but far into the facility boundary and away from the
41 public. Another program of the EPA is the Clean Water Act, which covers the individual
42 storm water permit and 400 solid waste management units, finding only a few small and
43 quickly corrected exceedances and a greatly reduced number of storm water outfalls.
44

1 **E. Tom Skibitski, NMED DOE Oversight Bureau**

2 Mr. Skibitski spoke about tritium, a naturally occurring isotope that can be useful
3 as a marker to determine the age of water. Buckman Wells have been monitored for
4 tritium for years, and it has never been detected there; that tells us the water there is
5 older than the 12.5-years half-life activity would indicate, and that it is not being
6 "recharged" with modern water. The same applies at the mixed waste landfill at SNL.
7 Ground water monitoring of the Rio Grande is also being conducted by various agencies.
8 LANL, NMED, and the Department of Health will do risk analysis and report back to the
9 public.

10 Mr. Skibitski reported that the quality of water in the Rio Grande is good, with
11 most exceedances occurring from storm water incidents adding sediments, which can
12 increase contaminant levels.
13

14
15 **XIII. Presentation: "Effects of Upstream Events/Sources on the Rio Grande," Jane DeRose**
16 **Bamman, Water Quality Program Manager, Albuquerque Bernalillo County Water Utility**
17 **Authority**

18 A printed copy of Ms. DeRose Bamman's presentation may be obtained by request from
19 the NNMCAB office at (505) 989-1662.

20 Ms. DeRose Bamman presented on Albuquerque's water treatment programs, including
21 an overview of the San Juan-Chama Drinking Water Project (SWCDWP), a description of water
22 authority monitoring, and a review of data from the USGS and the Water Authority. Highlights
23 included:

- 24 - The SWCDWP, opened in 2008, features an adjustable diversion dam and intake
25 structure and a raw water pump station on the Rio Grande. The project includes
26 funding to preserve the endangered silvery minnow and includes fish screens and
27 passages, among other state-of-the-art technologies.
- 28 - Water Authority voluntary monitoring of the water far exceeds monitoring required
29 by the Safe Drinking Water Act. Substances monitored include organic carbon, pH,
30 sediments, radioisotopes, PCBs, bacteria, nutrients, and other substances.
- 31 - USGS monitoring determines seasonal and long-term variations in the flow of source
32 water.
- 33 - Fluctuations were recorded in radiological parameters, but still resulted far below
34 drinking water quality standards.
- 35 - The Las Conchas Fire presented challenges, requiring additional chemicals to treat
36 the water, and reduction of withdrawal during times of high levels of ash, debris,
37 and mud.

38 Questions from the NNMCAB included inquiries about how monitoring levels of certain
39 compounds are established and what is done with removed sediment and compounds,

40 Ms. DeRose-Bamman clarified that e-coli had never been detected in the water, and
41 that removed contaminants are tested and processed at a soil amendment facility on the west
42 side of Albuquerque. She added that the SJCDWP is focused on regulated compounds, and thus
43 does not evaluate for radon or tritium.
44

1
2 **XIX. Public Comment Period**

3 Dave McCoy, Samantha Warren, and Henry Misserville of Citizen Action New Mexico
4 signed up for the second public comment period.

5 Mr. McCoy commented about SNL's presentation, noting that Citizen Action New
6 Mexico's research had found that the ground water monitoring network was insufficient, with
7 not enough wells, wells in wrong locations, and drilling fluids masking contamination. His
8 concerns about items at the mixed waste landfill include nuclear reactor waste water, lead,
9 depleted uranium, barrels of plutonium, and other items in insufficient containers. Mr. McCoy
10 also stated that only monitoring, but no remediation has been done on the 26 completed
11 SWMUs, and that the promised five-year review of the dirt cover has not happened yet. Mr.
12 McCoy cited disagreements over money as a main cause for work not being done yet.

13 Ms. Warren stressed that the mixed waste landfill is located above Albuquerque's main
14 drinking water aquifer and that the gradient southwest flow endangers the new Mesa del Sol
15 subdivision. Because this subdivision will feature affordable housing, Ms. Warren stated her
16 concern of potential victimization of lower economic classes. Ms. Warren stated that there is a
17 failure of DOE and NMED to hold SNL accountable for RCRA violations.

18 Mr. Misserville stated his concern about high incidences of cancer in Albuquerque's
19 South Valley and the need for epidemiological studies. He expressed skepticism about the
20 objectivity of advisory committees and presenters, and spoke about the dissolution of SNL's
21 CAB, wondering if it was just for show and had no real power to question or pressure SNL or the
22 U.S. Air Force. He also stated that the dirt cover over the mixed waste landfill is insufficient to
23 prevent contamination and that a report stating as much is being hidden from the public. He
24 summarized that there are three potential crises that need to be addressed: 1) imminent
25 danger from the jet fuel spill; 2) the mixed waste landfill and other sites that NMED claims to be
26 okay; and 3) the nuclear power plant on a major fault zone and in the flight path of commercial
27 and military jets.

28 Seeing no further members of the public wishing to comment, Mr. Phelps closed the
29 public comment period. Mr. Phelps commented that the NNMCAB charter covers legacy
30 cleanup at LANL. We do meet around the state, including Albuquerque, and it's great to hear
31 public comments, but we are focused on LANL by our charter.
32

33
34 **XX. Consideration and Action on Recommendation 2012-01, Second Draft, "Fiscal Year
35 2014 Budget Request for Los Alamos National Laboratory Environmental Management Work"**

36 Mr. Valdez, primary author, described the contents and intent of the recommendation,
37 explaining that ARRA funds are used up, so we must work from a base budget request, citing
38 the Consent Order as the driving force for funding.

39 Mr. Sayre presented some changes to the recommendation in the wording to clarify
40 amounts requested by which dates, and to add a drum equivalency clause to the 3,706 cubic
41 meters measurement.

42 Mr. Sayre moved that the NNMCAB approve Recommendation 2012-01, Second Draft,
43 with changes as noted, for forwarding to DOE. Dr. Girardi seconded the motion. The motion
44 passed unanimously and the recommendation was approved.

1
2
3 **XXI. Wrap-Up**

4 Mr. Phelps opened the floor to general comments.

5 Mr. Sayre commented that it was an informative meeting with well thought out
6 presentations and public comments. He expressed appreciation for good facilities and catering.
7 He also mentioned a recent trip that inspired him to suggest the NNMCAB tour a uranium
8 enrichment facility at some point, and how they deal with federal and commercial hazardous
9 waste.

10 Mr. Longacre expressed gratitude that we had several participants making public
11 comments. He expressed support for the speakers and a desire for the NNMCAB to do
12 something to help them, such as sending a letter, even though it is outside of our charter. Mr.
13 Phelps responded that there may be something we can do to express support, outside of an
14 official recommendation. He promised to address the issue at the next Executive Committee
15 meeting.

16 Mr. Garcia suggested it might be good to have a tour of Sandia National Laboratories,
17 even though the site is not part of the NNMCAB's charter, because of commonly affected areas
18 such as the Rio Grande, Heron Lake, and other areas. He also thanked the NNMCAB staff for
19 their efforts.

20 Ms. Lucas expressed appreciation for the meeting facilities and the public comments.
21 She also said that it is important for the NNMCAB to do what is right, and not make decisions or
22 votes solely contingent upon jobs or jobs lost at the Lab.

23 Mr. Maestas thanked the NNMCAB staff, and agreed with Mr. Longacre that he would
24 like to see the NNMCAB support Citizen Action New Mexico in some way.

25 Dr. Girardi commented that it was worthwhile to come to Albuquerque to hear about
26 Buckman-related water issues, and to present opportunities to a larger population base. She
27 added that lessons learned from LANL, and how they have been motivated to accelerate the
28 cleanup efforts, could be applied to SNL and KAFB, to make cleanup a priority for them as well.

29 Ms. Erickson offered assistance to any NNMCAB members or guests who have questions
30 or need copies of materials from the meeting, and announced that the presentations from
31 today's meeting would be uploaded to the website as soon as possible.

32 Mr. Worth stated that a tour of SNL would be a good learning experience and that he
33 would look into it. On April 25, the NNMCAB will tour a well sampling site at LANL, preceded by
34 a more detailed briefing on the budget. He thanked the members of the public for their
35 comments.

36 Ms. Santistevan thanked NNMCAB members for attending and reminded all to submit
37 travel reimbursement information to Ms. Roybal. She announced that two new nominees from
38 Pojoaque Pueblo are moving through the application process.

39 Mr. Valdez thanked the NNMCAB staff, expressed satisfaction with the good turnout,
40 and welcomed the new members of the NNMCAB.

41 Ms. Gallegos said that there was a lot of information to take in, but that she looks
42 forward to working with everyone. She also thanked those who made public comments.

43 Mr. Tiano commented that while information is generally open in our country, matters
44 of money do sometimes involve deceit. He stated that he appreciates facts being presented at

1 these meetings by Mr. Worth and others, and reiterated his support for the environment and
2 public safety.

3 Mr. Villarreal said it was a good, informational meeting, and that he hopes the support
4 for the Regional Coalition of LANL Communities isn't just emotional, but something that pans
5 out as something really worthwhile.

6 Mr. Pacheco thanked the public commenters, the NNMCAB staff, and all for a
7 productive meeting

8 Ms. Majure stated that she feels her time is valued, meetings are well run, everyone is
9 well prepared, and there is a high level of integrity and problem solving.

10 Mr. Mascarenas stated that it was a productive, informative, and interesting meeting,
11 adding that it is evident that there are a lot of people who value their community and their
12 environment.

13 Mr. Mayer complimented each NNMCAB member for taking the time to participate,
14 adding that the NNMCAB is the most sophisticated, dedicated, and intelligent board he has
15 seen. He encouraged the NNMCAB to remain independent of other entities and make its own
16 independent decisions.

17 Ms. Santistevan added that information presented here today will go beyond this room,
18 with representatives present from Senator Tom Udall's office, the Associated Press, and other
19 entities. She also introduced Candyce O'Donnell, who will be videotaping our NNMCAB
20 meetings from now on, and editing them for presentation on public access television and
21 YouTube. This will help disseminate information to many citizens who could not attend the
22 meeting today.

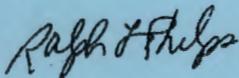
23 Mr. Phelps issued some final reminders: the official NNMCAB Open House for the new
24 offices, scheduled for May 16; and the next NNMCAB meeting May 30, which is the annual
25 workshop.

26 Mr. Pacheco added a note of thanks to Mr. Worth for his excellent service as the
27 NNMCAB's DDFO, adding that the NNMCAB could not ask for a better liaison.
28

29
30 **XXII. Adjournment**

31 With no further business to discuss, Mr. Worth, DDFO, adjourned the meeting at 7:24
32 p.m.

33
34 **Respectfully submitted,**



35
36 **Ralph Phelps, Chair, NNMCAB**

37
38 **Minutes prepared by Karen Erickson, NNMCAB Technical Writer*

39
40 **Attachments:**

- 41 **1. Final 3-28-2012 NNMCAB Meeting Agenda**

- 1 2. Final 1-25-2012 NNMCAB Meeting Minutes
- 2 3. Report from Ralph Phelps, NNMCAB Chair
- 3 4. Report from Menice Santistevan, NNMCAB Executive Director
- 4 5. PowerPoint Presentation, "Progress of Sandia Cleanup Operations," Joe Estrada,
5 Environmental Restoration Federal Project Director, DOE/NNSA Sandia Site Office, and
6 John R. Cochran, Environmental Restoration Operations Project Manager, Sandia
7 National Laboratories
- 8 6. PowerPoint Presentation, "Effects of Upstream Events/Sources on the Rio Grande,"
9 Jane DeRose-Bamman, Water Quality Program Manager, Albuquerque Bernalillo
10 County Water Utility Authority
- 11 7. NNMCAB Recommendation 2012-01, Second Draft, "Fiscal Year 2014 Budget Request
12 for Los Alamos National Laboratory Environmental Management Work"
- 13 8. Report, "WM 2012 – Improving the Future in Waste Management," Manuel L. Pacheco
14 and Joseph Tiano
- 15 9. Fact Sheet, "Sandia Laboratories' Mixed Waste Landfill," Citizen Action New Mexico
- 16 10. Fact Sheet, "Largest Jet Fuel Threat to Drinking Water Supply in the History of the
17 Nation from Kirtland Air Force Base Threatening 30% of Drinking Water Resource in
18 Albuquerque, NM," Citizen Action New Mexico

19

20

21 **Public Notice:**

22  *All NNMCAB meetings are recorded. Audiotapes have been placed on file for review at
23 the NNMCAB Office, 94 Cities of Gold Road, Santa Fe, New Mexico, 87506.

24  *Reference documents listed in the Appendix section of these minutes may be requested
25 for review at the NNMCAB office in Pojoaque by calling (505) 989-1662.

26

27

28

REPORT FROM THE CHAIR

NORTHERN NEW MEXICO CITIZENS ADVISORY BOARD

30 MAY 2012 WORKSHOP AND BOARD MEETING

SANTA FE, NEW MEXICO

1. Routine Chair Activities since last NNM CAB meeting on 3-28-12:

A. Executive Committee meeting on 4-25-2012:

1. The Chair and Vice Chair reported on the SSAB Chairs Meeting in Paducah, KY (see below).
2. The agenda for the May 30, 2012 Annual CAB Workshop was discussed.
3. Plans, agenda and guest list for the NNM CAB new office Open House on May 16, 2012 were discussed and approved
4. Acting EM Deputy Assistant Secretary Dave Huizenga's query to the CAB on our position regarding storing higher level waste at WIPP was discussed (see below).
5. Committees are encouraged to begin review of their Work Plans for 2013.
6. Welcome to our two new members from Pojoaque Pueblo.

B. Executive Committee meeting on 5-16-2012

1. Discussed Draft SSAB Recommendations from the SSAB Chairs meeting. They were prepared mostly with the work of our Vice Chair, Carlos Valdez. One, on retaining support for the local SSABs in light of potential budget reductions, was approved at the meeting, and has been sent to members via email. The second was prepared as a draft, and will have to be reviewed and voted on by the Chairs prior to sending to the local CABs. These Recommendations, once approved by all the Chairs, cannot be changed, and are subject only to an approve/reject vote by each CAB.
2. Continued discussion on Dave Huizenga's request for CAB input on WIPP expanded use. This is a difficult issue, and Excom decided that a letter from the Chair to Mr. Huizenga would be drafted for CAB review that does not take a specific position at this time, but encourages a specific proposal by EM for the important issue of storage of this higher level waste from around the complex.
3. The final agenda for the 5-30-2012 CAB Workshop was approved.
4. The CAB has requested the DDFO to set up a tour of the Rocky Flats site near Denver, CO. We are trying for a late August 2012 date. A future tour of the Sandia Base is also under review.

C. The Chair and Vice Chair Supported Combined Waste Management and EMSR Committee meetings on 4-25-2012 and 5-16-2012. The minutes and reports from these meetings are reported separately. In brief:

1. The 4-25-2012 meeting included a presentation by our DDFO, Ed Worth on the projected 2014 budget request, and also included a tour, sponsored by Lorrie Bonds-

Lopez from LANL of a sampling activity downstream of TA-54, and a bus tour of the recent increased work at TA-54, MDA G on the "3706 Program" to accelerate removal of the non-cemented, above ground TRU waste stored at MDA G. Excellent job!

2. The 5-16-2012 meeting included a presentation by our former DDFO, Lee Bishop, who is now responsible for the "3706 Program" at MDA G. This was a very good summary of the plan in place to ensure the above ground, non-cemented TRU is removed by the end of 2014. The 3706 number refers to the total estimated amount of cubic meters of waste to be shipped out to WIPP or reclassified for a LLW location.

2. SSAB Related Chair Activities since last NNM CAB meeting on 3-28-12

- A. The Chair and Vice Chair attended the semi-annual SSAB Chairs Meeting held this time in Paducah, KY on April 18-19, 2012. The local SSAB arranged a tour of the Paducah Uranium separation plant, part of which is still an operating facility. It was announced this week that the facility would continue to operate for an additional year at least to process large inventories of depleted Uranium. A great trip report has been prepared by Carlos Valdez and has been sent out by email. In addition to Carlos' report, the following items were notable:

1. Acting EM Deputy Assistant Secretary Dave Huizenga, during a presentation of NNM CAB priorities, asked if the CAB had a position on use of WIPP for storing higher level wastes. The Chair responded that we did not, but that it would be discussed. The CAB contingent all felt that Dave had requested that the CAB respond to this inquiry. Subsequent discussions with Excom felt that a recommendation was not in order, but a letter response would be, provided that the CAB stayed objective in our position, and generally supported the goals of disposing of this higher level waste practically and we would continue to evaluate specific EM proposals as they are developed. Any letter draft will be sent to CAB for review.
2. EM Deputy Assistant Secretary Frank Marcinowski spoke about an Asset Revitalization Initiative (ARI) Workshop planned for June 13-14, 2012 at Oak Ridge, TN. This is primarily addressing community reuse of restored EM sites, and its proceedings might be of interest in conjunction with the LANL 50 Year Plan being developed by LASO Manager, Kevin Smith for LANL. The CAB will be hearing more about this in the near future.

3. Other Related Chair Activities

- a. The Chair, Vice Chair and several members (and ex-members) supported the new CAB Office Open House held on 5-16-2012. Many dignitaries were present and the LANL and DOE leaders, the Chair and the Pojoaque Pueblo Governor's representative all made short comments. The CAB support staff put in an exceptional effort to arrange this event and they are to be commended for a great job!

Submitted by:

Ralph Phelps

Chair, NNM CAB

5-18-2012

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

May 30, 2012

Board Membership: The NNM CAB currently consists of 18 members. Governor George Rivera of the Pueblo of Pojoaque has nominated two individuals to serve on the NNM CAB. We are awaiting final approval from DOE HQ to make a site appointment for these two gentlemen. The next nomination package is due in December. I will be working on recruiting more individuals over the summer so that we may nominate them in December. If you know of anyone who would be interested, please let me know.

Executive Committee Meetings: The Committee met on April 25th in Los Alamos and on May 16th 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 possible tours of Sandia National Laboratory and the Rocky Flats site near Denver. The Chair will ascertain interest from members during the May 30th meeting. Depending on the number interested in attending, the staff will proceed with arrangements.

Board Meeting Preparations: I prepared the Draft Agenda for this meeting, and submitted the notice to *The Federal Register* on April 26th, in compliance with the Federal Advisory Committee Act. I made all arrangements at The Lodge, including meeting room set-up, catering and reservations for overnight accommodations for NNM CAB members. Ed Worth and I coordinated the speakers and the Liaison Member attendance. All meeting materials were copied and collated by Grace Roybal and meeting packets were mailed out on May 23rd. An advertisement for the meeting was placed in *The New Mexican* by Grace Roybal and on the NNM CAB website and on Facebook by Karen Erickson. Press releases were also sent to area news media.

Outreach: Karen Erickson and I set up an outreach table at the Earth Day Festival in Los Alamos on April 21st. We spoke with many people and gave out literature on the NNM CAB and explained its mission. I routinely meet with individuals and groups to explain the work of the NNM CAB and to recruit potential members. Portions of the March 28th NNM CAB meeting has been telecast several times on public access channels in Santa Fe, Albuquerque, Los Alamos and Taos. It is also on YouTube. Our Bi-monthly meetings will be videotaped by Candyce O'Donnell for public access channel telecasts.

NNM CAB Open House: Approximately fifty people joined DOE and LANL officials and NNM CAB members as they unveiled the new offices in Pojoaque. One of the highlights of the office is the display of original art work by Pueblo of Pojoaque artists. I met with Lt. Governor Joseph Talachy of Pojoaque Pueblo and his staff and requested that the NNM CAB office be a venue to display local art work for new and established artists and for student art work. We are pleased that the Lt. Governor and his staff were very supportive of this effort. I also worked with Art Teacher Lauren Sabato at the Pojoaque Middle School on a student art display. She brought in beautiful photographs taken by her class. This student art display will rotate over the year.

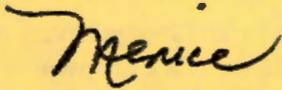
Important Upcoming Dates:

June 13th, Committee Meetings at NNM CAB Office

July 11th, Committee Meetings or possible tour of Sandia Labs

July 25th, Bi-monthly NNM CAB meeting in Los Alamos

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Menice". The signature is written in a cursive style with a prominent initial "M".

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

SPRING 2012 CHAIRS MEETING PADUCAH, KENTUCKY

On the morning of April 17, members from the different complex-wide sites were able to participate in an early morning tour of the Paducah Uranium Enrichment/Gaseous Diffusion Plant. This plant is the only one of its kind in the United States. One other exists in the world, and that is in France. It is also one of the biggest employers in the Western Kentucky area.

The purpose of this plant is to separate U235 from U238 and use the enriched uranium (U235) to fuel nuclear power plants around the country. The energy required at this plant alone to do this process, costs the plant approximately \$2 million a day! That is comparable to what the city of El Paso uses in a day. The process works thru a sort of filtration system. The U235 and U238 is pushed thru filters by machines that have the power equivalent to 18 locomotives. Apparently, the U235 is lighter than U238, and can get thru the filtration process, where as the U238 can't. To date, the plant has recycled over 442.5 metric tons of bomb-grade highly enriched uranium, into 12,739 metric tons of low-enriched uranium. That is equivalent to the elimination of 17,968 nuclear warheads. Like LANL, they are currently in the Legacy Waste clean-up process at the same time that the uranium enrichment process is going on. They are also in the process of evaluating the possibility of reusing/recycling 9,700 tons of radio nuclide contaminated Nickel ingots. Each ingot measures around 24" X 18" and weighs around 1 ton each.

The conference itself started out very interesting. For the first time, instead of handing out big bulky binder with lots of paper, iPads were actually used. Each member was "assigned" the temporary use of an iPad, with applications that allowed the presenter to control the flow of slides on each pad. It was a novel concept and should eventually catch on for future meetings.

Some of the issues and activity that the other sites reported on are:

Oak Ridge - Developed a White Paper which balances environmental challenges with complexity of the Oak Ridge Reservation and the long term stewardship commitments.

Idaho - Has an issue with spent nuclear fuel and high level waste with limited budgets and the need to meet 2015 goals.

Nevada - The disposition and transportation of U-233, and shipping it thru the Nevada heat, and the Las Vegas township areas.

Hanford - Has safety concerns surrounding the waste treatment plant pertaining to tank waste. They have over 50 million gallons of tank waste.

Portsmouth - Budget issues as well. Recently experienced a 27% reduction in their budget.

Savannah River - Working on developing a disposition path for radioactive liquid waste, an spent nuclear fuel.

Paducah - Is in the process of determining what future uses the site may have. They're facing possible closure in the near future. And of course, they are working on uranium tails re-processing, and figuring out what to do with 9,700 tons of contaminated nickel.

In general, each site is experiencing the same challenge. Trying to clean up waste on limited budgets. The budget representative from DC informed the Chairs that beginning in January 2013, all federal agencies will be facing a 10% reductions to budgets. This will affect Environmental Management complex-wide as well, and possibly impact the clean up goals established (some thru enforceable agreements) for 2013.

Some of the accomplishments at the national level mentioned are:

1. Completed the 10,000th shipment to WIPP.
2. Implemented use of the TRUPACT-III shipping cask.
3. Began operations at a new mixed-waste disposal facility in Nevada.
4. Published a first draft of the GTCC LLW Disposal EIS. A site will probably be selected by the end of the calendar year.
5. Successfully negotiated the 3,706 campaign.

EM's top 3 priorities for the coming year include:

1. Close a couple of liquid waste tanks at Savannah River.
2. Start up the treatment of sodium bearing waste in Idaho.
3. Optimize TRU shipments to WIPP, with a concentration at Savannah River, Los Alamos and Idaho.

The location for the Fall Chair's meeting is still undetermined.

ENVIRONMENTAL MANAGEMENT SITE-SPECIFIC ADVISORY BOARD

**Hanford
Oak Ridge**

**Idaho
Paducah**

**Nevada
Portsmouth**

**Northern New Mexico
Savannah River**

April 25, 2012

David Huizenga
Senior Advisor for Environmental Management
U.S. Department of Energy, EM-1
1000 Independence Avenue, SW
Washington, DC 20585

Dear Mr. Huizenga:

The Environmental Management Site-Specific Advisory Board (EM SSAB) is grateful for the support we receive from the highest levels of the DOE-EM organization. We are also very cognizant of the budget constraints that EM and the entire country are facing. That being said, we respectfully request that you continue the commitment you have made through adequate funding levels for the EM SSAB and the local boards, which facilitate open and transparent public participation at the community level.

The EM SSAB is a conduit for local communities and stakeholders to bring their concerns and values to their specific sites. The EM SSAB provides input to the EM program on cleanup priorities. These committed board members develop thoughtful, comprehensive advice and recommendations regarding a broad spectrum of cleanup issues. These all-volunteer board members spend many hours reviewing, studying, and gathering input from other stakeholders in their respective, affected communities. They also provide an avenue for community members to bring their concerns and receive information on environmental issues.

The monetary value of the time spent and recommendations submitted by each local board to their respective decision makers is incalculable. There have been minimal dollars spent on EM SSAB administration and support. The U.S. Department of Energy receives a huge return in creative solutions and community outreach for the cleanup programs locally and complex-wide.

We look forward to continuing the collaborative work between the boards, DOE, and the public.

Susan Leckband, Chair
Hanford Advisory Board

Willie Preacher, Chair
Idaho National Laboratory
Site EM Citizens Advisory
Board

Kathleen Bienenstein, Chair
Nevada SSAB

Ralph Phelps, Chair
Northern New Mexico
Citizens' Advisory Board

Margaret Owen, Chair
Oak Ridge SSAB

Ralph Young, Chair
Paducah Citizens'
Advisory Board

Richard Snyder, Chair
Portsmouth SSAB

Donald Bridges, Chair
Savannah River Site
Citizens Advisory Board

cc: Melissa Nielson, EM-3.2
Catherine Alexander, EM-3.2

1 NNM CAB Draft Letter 5-21-12

2
3
4 David Huizenga
5 Senior Advisor for Environmental Management
6 U.S. Department of Energy, EM-1
7 1000 Independence Avenue SW
8 Washington, DC 20585
9

10 Mr. Huizenga:

11
12 The Northern New Mexico Citizens Advisory Board (NNMCAB) as part of the EM-SSAB would
13 like to thank you for your recent participation with us at the April 18-19, 2012 Chairs Meeting in
14 Paducah, KY. We especially appreciated the opportunity to present and discuss with you our
15 important site specific priorities and concerns.
16

17 In our discussion following my presentation of the NNM CAB priorities, you posed a question
18 about whether the NNM CAB has taken a position on the expanded use of WIPP for storing
19 higher level wastes from around the complex. I stated the NNM CAB had not, but said I would
20 explore the issue further with the CAB.
21

22 As you are aware, specific evaluation of the WIPP capabilities is outside the mission of
23 NNM CAB. Recently, in a Recommendation No. 2011-05, "Recommendation that Los Alamos
24 National Laboratory Not Be Selected for Disposal of Greater Than Class C Low-Level
25 Radioactive Waste", members of the CAB considered it very important to respond to the Draft
26 Environmental Impact Statement (EIS) for the Disposal of Greater-Than-Class C (GTCC) Low-
27 Level Radioactive Waste and GTCC-Like Waste (DOE/EIS-0375-D), to ensure that the ongoing
28 efforts to clean up the legacy waste at LANL would not be sidetracked by the addition of more
29 waste.
30

31 In this same Recommendation, which was directed to the evaluators of the draft EIS, the
32 NNM CAB also stated that other sites, such as WIPP, Nevada Nuclear Security Site (NNSS) or
33 Yucca Mountain might be suitable for GTCC waste when properly evaluated.
34

35 While the NNM CAB does have a strong interest in continued use of WIPP for disposal of
36 environmental wastes, the specific use of WIPP for higher level wastes than those which it is
37 presently licensed for remains outside our mission. We do encourage DOE-EM to continue their
38 careful evaluation of all suitable sites, and especially recommend that this evaluation include the
39 direct feedback of the local and state communities that might be directly affected.
40

41 The NNM CAB will continue to stay informed and interested as the DOE-EM higher level waste
42 disposition evaluations proceed.
43

44 Thank you again for your leadership and attention to the recommendations of the EM-SSABs.
45

46 Very truly yours,

47
48 Ralph L. Phelps

49
50 Chair, NNM CAB

51

52

53 Signatures//

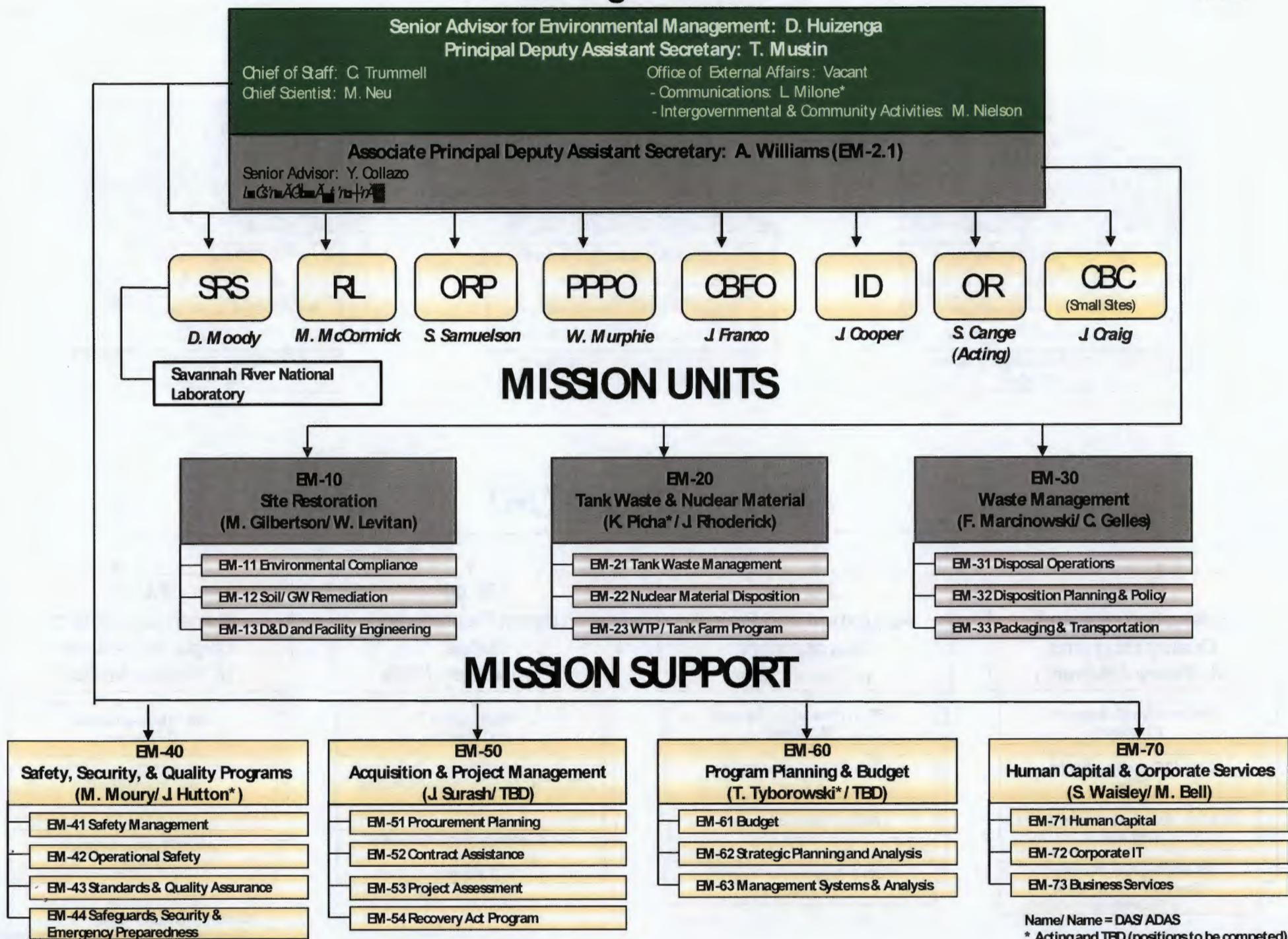
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EM Organization

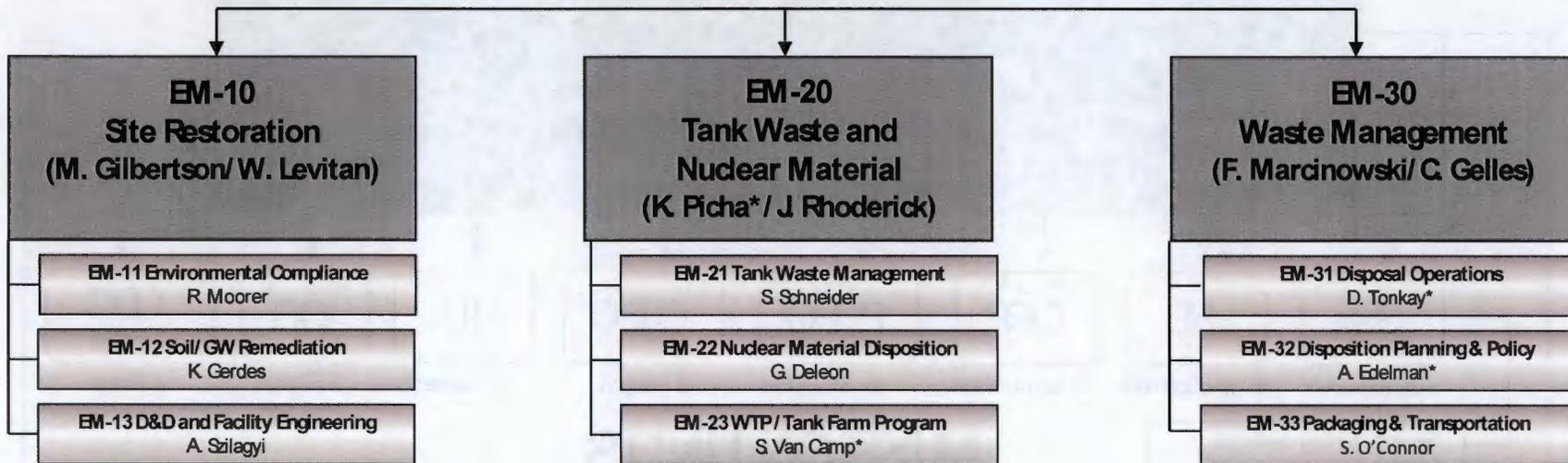
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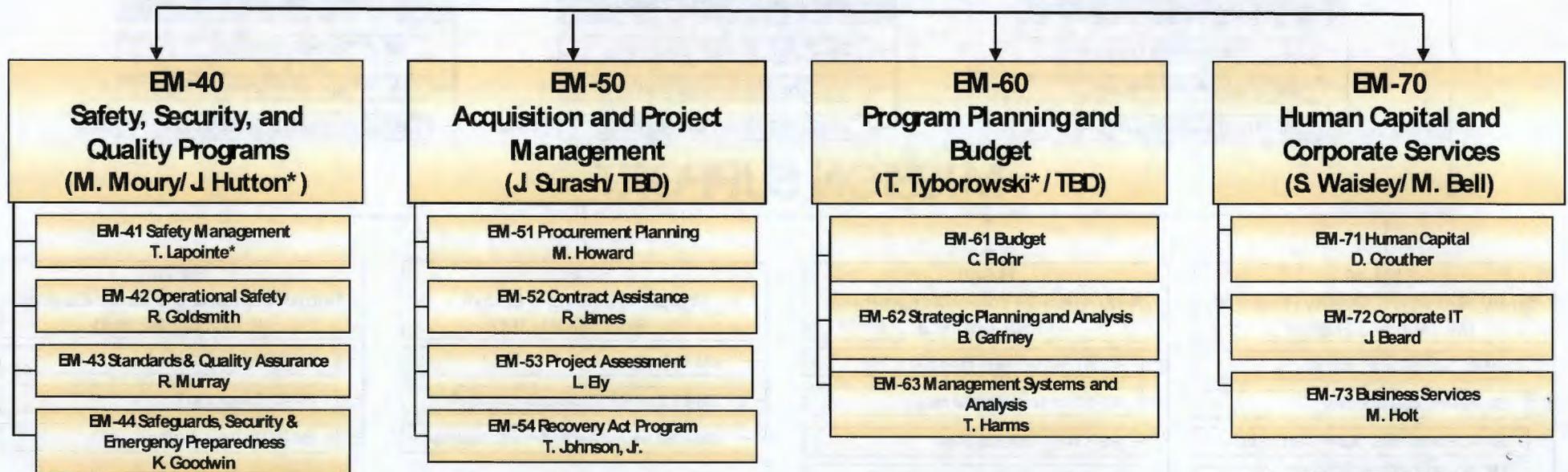
Name/ Name = DAS/ ADAS
 * Acting and TBD (positions to be competed)

MISSION UNITS

4/3/12



MISSION SUPPORT



Name/ Name = DAS/ ADAS
 * Acting and TBD (positions to be competed)



Under Secretary for Nuclear Security & Administrator: Thomas P. D'Agostino
Principal Deputy Administrator: Neile L. Miller

Office of Science and Policy
Dimitri Kusnezov
 NA-1

Chief of Staff
Janis Greene (Acting)

Office of Civil Rights
Debra Parrish

Associate Principal Deputy Administrator*
Michael Lempke

Mission

Mission Support

Deputy Admin. for Defense Programs
Donald L. Cook
 NA-10

Deputy Admin. for Defense Nuclear Nonproliferation
Anne M. Harrington
 NA-20

Deputy Admin. for Naval Reactors
Admiral Kirkland H. Donald, USN
 NA-30

Associate Admin. for External Affairs
Clarence T. Bishop
 NA-EA

Office of General Counsel
Bruce Diamond
 NA-GC

Associate Admin. for Acquisition & Proj. Management
Robert B. Raines
 NA-APM

Assoc. Admin. for Emergency Operations
Joseph J. Krol
 NA-40

Assoc. Admin. for Defense Nuclear Security & Chief, Defense Nuclear Security
Douglas E. Fremont
 NA-70

Assoc. Admin. & Deputy Under Secretary for Counterterrorism & Counterproliferation
Steven Aoki
 NA-80

Assoc. Admin. for Infrastructure & Operations*
Michael Lempke
 NA-00

Associate Admin. for Management & Budget
Cindy Lersten
 NA-MB

Associate Admin. for Information Mgmt. & CIO
Robert J. Osborn II
 NA-IM

Associate Admin. for Safety & Health and Chief, Defense Nuclear Safety
Don F. Nichols
 NA-SH

Kansas City Manager
Mark Holecek

Livermore Manager
Kim A. Davis

Los Alamos Manager
Kevin Smith

Nevada Manager
Stephen Mellington

NNSA Production Manager
Steven C. Erhart

Sandia Manager
Geoffrey L. Beausoleil

Savannah River Manager
Douglas J. Dearolph

* Dual Hatted Position