

Northern New Mexico Citizens' Advisory Board
1640 Old Pecos Trail, Suite H
Santa Fe, New Mexico 87505
505-989-1662 phone 505-989-1752 fax
800-218-5942
adubois@doeal.gov <http://www.nnmcab.org>

Hotel Loretto
Santa Fe

Board Meeting Agenda

April 26, 2000

Board's Mission: The Office of Environmental Management Site Specific Advisory Board will provide the Assistant Secretary for Environmental Management with policy information, advice and recommendations concerning EM environmental restoration, waste management, and technology development activities.

- I. Call to Order by DOE
 - Welcome by Chair
 - Approval of Agenda
 - Approval of Minutes for February Meeting
- II. Public Comments
- III. Report
 - Proposed LANL Environmental Restoration and Environmental Management Baseline Budget Submittal for FY2002 and the DOE Albuquerque FY 2002 Internal Review Budget
- IV. Board Business
 - A. Report from the Chair
 - Common Values Paper from SSAB Chairs Meeting
 - B. Report from DOE
 - Update on Recommendations
 - Report from Ann DuBois
 - Report from Ray Armenta
 - C. Report from Waste Management Committee
 - DOE Pollution Prevention Conference – Sara Galpin
 - D. Report from Monitoring and Surveillance Committee
 - Proposed Recommendation on Water Quality
 - E. Report from Environmental Restoration Committee
 - F. Report from Community Outreach Committee
 - G. Report from Budget Committee
- V. Board Comments
- VI. Adjourn

Briefing
for the
Northern New Mexico Citizens' Advisory Board

**The
Los Alamos National Laboratory
Environmental Restoration Project**

Ted Taylor
Los Alamos Area Office

March 22, 2000

Summary of the Environmental Restoration Project

- **Authorities:** Hazardous and Solid Waste Amendments (HSWA) to the Resource Conservation and Recovery Act (RCRA), the Atomic Energy Act, DOE Orders, and other federal and state regulations
- **History:** Established in 1989 by DOE
- **Number of Potential Release Sites (PRS):** 2,147
- **Number of D&D Structures:** 140
- **Prioritization of Work:** Based on Nine Criteria for 35 Aggregates of PRSs in the Eight Watersheds in Los Alamos
- **Total Project Cost:** \$1.6 billion
- **Current (FY 2000) Budget:** \$60 million
- **Project Employment:** 200 employees
- **Project Completion Date:** Fiscal Year 2013
- **Project Turnover:** Fiscal Year 2016

Prioritization Criteria

(ranked highest to lowest)

1. Infrastructure
2. Mandatory Items
3. High Risk
4. Land Transfer
5. Critical Path Elements
6. Support for Laboratory Mission
7. External Expectations
8. Clear Measures of Progress
9. Technology Development

High Priority Watershed Aggregates
(ranked highest to lowest)

Aggregate	Tech Area
1. Los Alamos Canyon Investigations	
2. Middle Los Alamos and DP Canyon	21,53
3. Pueblo Canyon	00,73
4. Mortandad Canyon Investigations	
5. Middle Mortandad/Ten-Site Canyon	35
6. Water/Canon de Valle Canyon Investigations	
7. Canon de Valle	16
8. Upper Los Alamos Canyon	02,41
9. Bayo Canyon	00,10
10. Upper Mortandad Canyon	50,55
11. Pajarito Canyon Investigations	
12. Lower Pajarito Canyon	18,54

Baseline Funding Profile

(includes Contingency and Management Reserve)

Fiscal Year	Baseline Funding (\$ million)
1989-1999	549
2000	61
2001	54
2002	57
2003	72
2004	79
2005	81
2006	82
2007	82
2008	82
2009	82
2010	82
2011	67
2012	49
2013	11
2014	7
2015	4
2016	1

Planned Near Term Accomplishments

Complete Cleanup at PRS 0-019	Mar. 2000
Complete RFI Report for LA Airport	Jun. 2000
Complete TA-16 MDA P Closure	Jun. 2000
Complete White Rock Sediment Studies	Jul. 2000
Issue TA-35 Sampling Plan	Mar. 2001
Complete LAAO Cleanup	Feb. 2001
Complete Deep Well R-19	Jun. 2001
Complete Cleanup at PRS 21-024(i)	Sep. 2001
Complete Surface Water/Solute Model	Sep. 2001
Complete Deep Wells R-7 and R-22	Oct. 2001
Complete LA/Pueblo Sediment Investigation	Oct. 2001
Complete Surface Water/Sediment Model	Sep. 2002
Complete Deep Well R-27	Sep. 2002
Complete TA-21 MDA T Sampling Plan	Sep. 2002



Department of Energy

Albuquerque Operations Office
Los Alamos Area Office
Los Alamos, New Mexico 87544

APR 6 2000

Ms. Menise S. Manzanares, Chair
Northern New Mexico Citizens'
Advisory Board
1640 Old Pecos Trail, Suite H
Santa Fe, NM 87505

Dear Ms. Manzanares:

This letter responds to the Northern New Mexico Citizens' Advisory Board's (NNMCAB) Recommendation 2000-1, which was adopted on February 28, 2000. Recommendation 2000-1 pertains to the Long-Term Stewardship (LTS) Study being developed as a condition of the Programmatic Environmental Impact Statement (PEIS) settlement. The recommendation offers five specific comments on the scope and content of the PEIS study.

The NNMCAB's comments have been forwarded to the Department of Energy's Environmental Management Office of Long-Term Stewardship (EM-51). EM-51 is responsible for developing the PEIS study. Although the official comment period for scoping the study expired on February 3, 2000, Mr. Steve Livingstone of EM-51 has reassured us that your comments will be taken into consideration and addressed in the study to the extent practicable. Mr. Livingstone has also informed us that the draft LTS Study will be available for public comment in June 2000. I encourage the NNMCAB to review and comment on the draft study to ensure your concerns have been adequately addressed. After receiving public comments, EM-51 will prepare a final LTS Study for release to the public by October 2000. EM-51 has offered to brief the NNMCAB on the latest LTS efforts and discuss LTS issues if requested.

Deborah Griswold of the Environmental Restoration Division is the lead point of contact at the DOE Albuquerque Operations Office for the PEIS Study. If you have questions on this topic, she can be contacted at (505) 845-4752. You may also call me at (505) 667-5105.

Sincerely,

A handwritten signature in black ink, appearing to read "David A. Gurulé".

David A. Gurulé, P.E.
Area Manager

LAAME:3JV-029

cc:
See page 2

Ms. Menise S. Manzanares

2

APR 6 2000

cc:

Mr. Richard Mayer

Environmental Protection Agency

Region 6

1445 Ross Avenue

Dallas, TX 75202-2733

Mr. James Bearzi, Chief

Hazardous and Radioactive

Materials Bureau

New Mexico Environment Department

2044 Galisteo St., Bldg. A

P. O. Box 26110

Santa Fe, NM 87505

M. Crosland, EM-11, HQ/FORS

K. Chaney, EM-34, HQ/GTN

J. Werner, EM-51, HQ/FORS

J. Vozella, AAME, LAAO

T. Taylor, LAAME, LAAO

M. J. Byrne, LAM, LAAO

D. Vigil, LAM, LAAO

M. Baker, E-ET, LANL, MS-J594

J. Canepa, E-ER, LANL, MS-M992

D. McInroy, E-ER, LANL, MS-M992

P. Schumann, ESH-19, LANL, MS-M992

G. Rael, ERD, AL

D. Griswold-Couchman, ERD, AL

L. Trujillo, ERD, AL



Department of Energy

Albuquerque Operations Office
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APR 6 2000

Ms. Menise S. Manzanares, Chair
Northern New Mexico Citizens'
Advisory Board
1640 Old Pecos Trail, Suite H
Santa Fe, NM 87505

Dear Ms. Manzanares:

This letter responds to the Northern New Mexico Citizens' Advisory Board's (NNMCAB) Recommendation 2000-2, which was adopted on February 28, 2000. The NNMCAB made the following recommendations regarding the report to Congress on Long-Term Stewardship (LTS) mandated by the FY 2000 National Defense Authorization Act (NDAA):

1. Provide to the Los Alamos National Laboratory (LANL), as soon as possible, the direction and guidance necessary to proceed with the development and generation of the above mentioned report so that it might adequately comply with the tight schedule imposed.
2. Provide the draft of the report to the Northern New Mexico Citizens' Advisory Board, as soon as it becomes available, so that the CAB might provide adequate review and offer comment before final submittal.

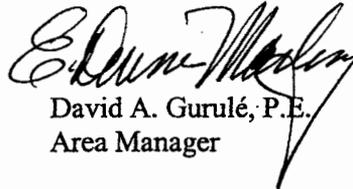
Regarding the first recommendation, Carolyn Huntoon, the Department of Energy's Assistant Secretary for Environmental Management (EM-1), sent out the final guidance for the development of the NDAA LTS Report on February 18, 2000. The LTS points of contact at the Los Alamos Area Office and LANL received an electronic version of the guidance on February 22, 2000. The final guidance had minor changes from the draft guidance transmitted to the Area Offices on January 13, 2000, including an extension of the deadline to provide the data to March 10, 2000.

Regarding the second recommendation, the NNMCAB will have the opportunity to review and comment on the LANL portion of the draft report. However, you should note that the LANL discussion in the report will be relatively short, and will not have significant LTS data. This is because the NDAA language requires a report on the LTS responsibilities for "sites or portions of sites for which environmental restoration, waste disposal, and facility stabilization is expected to be completed by the end of calendar year 2006." The environmental restoration, waste disposal, and facility stabilization work completed at LANL by 2006 will not require LTS activities. While a significant amount of work will have been completed by 2006, the clear majority will not involve the leaving of any residual contamination, a prerequisite for LTS activities. The majority of LANL's LTS activities will be underway by 2011.

APR 6 2000

Deborah Griswold of the Environmental Restoration Division is the lead point of contact at the DOE Albuquerque Operations Office for the NDAA LTS Report. If you have questions on this topic, she can be contacted at (505) 845-4752. If you have specific questions regarding LTS planning at LANL, please contact Joe Vozella at (505) 667-5027. You may also call me at (505) 667-5105.

Sincerely,



David A. Gurulé, P.E.
Area Manager

LAAME:3JV-030

cc:

Mr. Richard Mayer
Environmental Protection Agency
Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

Mr. James Bearzi, Chief
Hazardous and Radioactive
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April 4, 2000

Mr. Scott A. Miller
Project Leader
Los Alamos National Laboratory
Mail Stop J978
Los Alamos, NM 87545

Regarding Locations for Maximally Exposed Individual
from LANL Environmental Releases of Radionuclides

Dear Mr. Scott:

Thank you for your presentations to the Northern New Mexico Citizens' Advisory Board Monitoring and Surveillance Committee on January 19, February 16 and March 15 and the Board meeting on February 23. We are responding to your request for input on the Department of Energy (DOE) requirement to determine the highest effective dose equivalent from airborne radionuclides to an off-site member of the public using procedures specified by the US Environmental Protection Agency (EPA) under 40 C.F.R. Part 61, Subpart H, National Emission Standards for Emissions of Radionuclides other Than Radon from Department of Energy Facilities. Since, the Los Alamos Neutron Science Center (LANSCE), which had historically accounted for the majority of the total off dose contribution from the Los Alamos National Laboratory (LANL) and which had factored prominently in this calculation, operated at a considerably reduced level during calendar year 1999. This reduction makes it necessary to re-assess the MEI dose calculation for 1999.

The Northern New Mexico Citizen's Advisory Board suggests that the Department of Energy include the following locations in calculating the MEI from LANL environmental releases:

1. Los Alamos High School
2. Los Alamos Middle School
3. Piñon School in White Rock
4. Tsankowi Parking Lot
5. San Ildefonso Pueblo
6. Santa Clara Pueblo
7. East Road Condos

8. Royal Crest Trailer Court
9. Abiquiu

The Monitoring and Surveillance Committee and the Board reviewed LANL's proposed methodology for determining these locations when no single source plays an overriding impact in the public dose. The Board finds this methodology acceptable.

The Board looks forward to hearing your response to our suggestion and is pleased with this opportunity to participate in this very important process.

Sincerely,

Menice S. Manzanares AD

Menice Santistevan-Manzanares
Board Chair

Anthony Armijo AD

Anthony Armijo
Chair
Monitoring and Surveillance
Committee

cc David Gurulé
Martha Crosland, DOE EM-22
Fred Butterfield, DOE EM-22
Naomi Wiegler, DOE EM-22
John W. Arthur, III, DOE AL
MJ Byrne, DDFO
Joe Vozella, DOE LAAO
Ted Taylor, DOE LAAO
Michael Baker, LANL EM
Julie Canepa, LANL EM
Paul Schumann, LANL CRO
Richard Mayer, EPA
James Bearzi, NMED

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Environmental Restoration Committee
April 10, 2000

Committee Member Present: Fran Berting, Chair

Ex-officio Member Present: MJ Byrne, DDFO

Resource People: Julie Canepa, ER/LANL; Paul Schumann, CRO/LANL; Ted Taylor, DOE/LAAO

Staff: Ann DuBois, PWT

Fran Berting began the meeting at 6:10 p.m. Paul Schumann brought the tentative agenda for the ER Quarterly meeting to be held on April 12. Ann DuBois will send out a notice to Board members to attend this important meeting.

Dr. Berting said that she has tried to recruit new Committee members. Evelyn Maruska and Angelina Valdez might join this Committee.

The Committee discussed the Long-Term Stewardship special meeting on March 27. The next public meeting will be on May 4 from 5:00 to 9:00 p.m. at the Albuquerque Pueblo Cultural Center. The purpose of the meeting is to gather public input into the Long-Term Stewardship plans for Sandia. Ms. Byrne said that the Site-Specific Advisory Boards (SSABs) would have another national conference about Long-Term Stewardship sometime next October.

Paul Schumann gave some background information on the March 21, 2000 letter from Stu Dinwiddie, from the New Mexico Environment Department (NMED), about Revisions 9 and 10 to the Facilities Compliance Order that required a Site Treatment Plan (STP). In 1995, NMED issued this compliance order. LANL has argued that these restrictions should not apply, with the exception of TA-54 where TRU waste is buried below ground or in a retrievable condition in the tents. This action came from a change in regulations implementing the Resource and Conservation Recovery Act (RCRA). The Site Treatment Plan sets the work schedules for working off the waste that can be shipped to other locations and what material will be capped in place. The consensus was that the Waste Management Committee should work on this issue rather than the Environmental Restoration Committee. Approximately thirty pages of the STP is already in the Citizens' Toolkit. This information could be the beginning of a briefing for the Waste Management Committee.

The Environmental Restoration Committee requested a joint briefing with the Monitoring and Surveillance Committee and the Waste Management Committee to look at the RCRA Facility Investigation Report. This report covers the performance assessment methodology and work to be done at Material Disposal Areas G, H and L. If the performance assessment is accepted, this result means that LANL can do presumptive remedies on the waste that is currently stored at TA-54. Diana Hollis may be the best person to hold this briefing. The meeting might be held on May 8 in Santa Fe. Dr. Berting will talk with Sara Galpin and Anthony Armijo about this joint meeting.

Ted Taylor identified the major issues for the next year. He would like the Board's input into LANL's risk assessment methodology, the pending decisions about the Canyon sediments and the waste decisions at TA-54. In addition to the ongoing consideration of Long-Term Stewardship, the Waste Management Committee is working on TA-54 decisions. The Monitoring and Surveillance Committee is working on the canyon issues. This discussion about the sediments could be added to their agenda. The ER committee could look at the risk assessment methodology. Julie Canepa expressed interest in the Board learning more about how LANL does risk assessment and how NMED sees risk. Dr. Berting said that Board members would be interested in exploring this topic. Ms. Byrne and Dr. Berting will discuss how this learning might happen.

Mr. Schumann offered to put Dr. Berting on the list of invitees for the Colloquium meetings that happen the first Thursday of each month. The plan is to present certain topics that will later be presented at the Quarterly ER meetings. Dr. Berting said that she would attend these events as often as possible.

Dr. Berting will talk with George Chandler about the best way to respond to the Department's response to the Board's recommendation 99-1. A decision will be made about how to proceed before the next Board meeting on April 26.

Mr. Schumann offered to send Dr. Berting an article on Brookhaven learnings written by George Chandler.

ACTIONS

1. Dr. Berting will talk with Sara Galpin and Anthony Armijo about a joint briefing on the RCRA Facility Investigation Report. This report covers the performance assessment methodology and work to be done at Material Disposal Areas G, H and L.
2. Dr. Berting will talk with George Chandler about the best way to respond to the Department's response to the Board's recommendation 99-1.
3. Ms. Byrne and Dr. Berting will discuss how this learning about risk assessment methodology and perceptions about risk might happen.
4. Mr. Schumann offered to send Dr. Berting an article on learnings from Brookhaven written by George Chandler.

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
Office Rent	\$14,400				
July 23-31 Rent			259.50		
August Rent			865.00		
September Rent			865.00		
September Utilities			170.99		
October Rent			865.00		
October Utilities			48.30		
November Rent			865.00		
November Utilities			56.96		
December Rent			865.00		
December Utilities			79.77		
January Rent			865.00		
January Utilities			70.46		
February Rent			865.00		
February Utilities			79.40		
March Rent			865.00		
March Utilities			71.52		
April Rent			865.00		
April Utilities			71.52		
May Rent			865.00		
Subtotal			\$ 9,558.42	66%	\$4,841.58
Office Supplies	\$1,000				
Office Supplies			7.74		
Pamphlet			116.18		
Caller ID units			29.98		
Book			73.45		
Keys			10.37		
Office Supplies			1.75		
Signs			8.00		
Appreciation Plaques			119.26		
Newspaper subscriptions			287.10		
Subtotal			653.83	65%	\$346.17
Phone	\$6,000				
September US West			155.44		

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
September AT&T			14.70		
September AT&T			134.03		
October US West			283.57		
October AT&T			155.24		
November US West			203.93		
November AT&T			141.41		
December USWest			254.32		
December AT&T			18.05		
January US West			244.94		
January AT&T			86.27		
January AT&T			16.12		
Pager 104-8627			12.13		
Pagers for Ann & Ray - Feb			89.46		
February AT&T			16.12		
March AT&T			9.74		
March US West			251.3		
Subtotal			\$ 2,086.77	35%	\$3,913
Postage	\$750				
October			103.40		
11/2 Federal Express			19.75		
January			116.60		
March			198.00		
April			99.00		
Subtotal			\$ 536.75	72%	\$213
Publicity	\$5,000				
Rio Grande Sun - Sept			38.52		
Journal North - Sept			63.18		
Monitor -Sept			53.04		
New Mexican - Sept			78.77		
New Mexican - Oct			141.92		
Monitor - Oct			75.45		
Journal North - Oct			90.24		
Monitor - Nov			100.60		
Journal North - Nov			120.35		

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
New Mexican - Nov			189.23		
New Mexican - Dec					
Monitor - Dec			150		
Journal - Dec			180.52		
New Mexican - Jan			150.07		
Monitor - Jan			90.25		
Journal - Jan			95.79		
Journal - Feb			167.64		
Monitor - Feb			90.25		
New Mexican - Feb			150.07		
Journal - Mar			95.79		
New Mexican - Mar			150.07		
Monitor - Mar			90.25		
Monitor - April			90.25		
New Mexican - April			150.07		
Journal North - April			95.76		
Journal North - previous year			550.58		
Subtotal			\$ 3,248.66	65%	\$1,751
Meeting Expenses	\$600				
March Board meeting			60.00		
Subtotal			\$ 60.00	10%	\$540.00
Retreat	\$14,500				
Board Training	\$2,500				
Board Travel	35,800				
Monthly Board Meetings		\$ 18,000.00			
Alarid, James 1/29			58.50		
Alarid, James 2/23			59.16		
Alejandro 9/29			9.92		
Alejandro 11/17			16.12		
Armijo 8/25			31.00		
Armijo 9/16			46.50		
Armijo 10/14			31.00		
Armijo 10/19			31.00		
Armijo 1/19			13.66		

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
Armijo 1/27			33.16		
Armijo 2/23			99.50		
Armijo 2/16			13.66		
Armijo 2/23			100.00		
Armijo 3/15			16.12		
Armijo 3/29 Hydrogeological Work Plan			51.46		
Armijo 4/19			16.90		
Berting 9/29			9.30		
Berting 11/17			17.36		
Berting 1/29			15.60		
Berting 2/23			19.50		
Berting 3/27			26.00		
Chandler 9/08			24.80		
Chandler 9/29			12.40		
Chandler 10/27			12.40		
Chandler 11/17			17.36		
Chandler 12/15			24.18		
Chandler 2/23			19.50		
Chandler 3/6			26.00		
Chandler 3/27			29.26		
Clark 9/29			9.30		
Feehan 9/29			13.64		
Feehan 2/23			19.50		
Field 3/6			42.26		
Gallegos 9/29			52.70		
Gallegos 10/27			62.00		
Galpin 9/29			13.64		
Galpin 10/28			26.04		
Galpin 10/30			24.18		
Galpin 11/16			172.37		
Galpin 11/18			26.04		
Galpin Land Use Conference 2/11			44.84		
Galpin 1/29			17.56		
Galpin 2/23			16.90		

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
Garcia 9/16			34.72		
Garcia 9/29			37.82		
Garcia 10/27			17.36		
Garcia 10/30			28.52		
Garcia 11/17			12.40		
Garcia 12/15			28.52		
Garcia 1/19			14.95		
Garcia 1/29			16.26		
Garcia 2/16			33.80		
Garcia 2/23			15.60		
Gomez 10/27			31.00		
Gomez 12/15			42.16		
Gomez 2/23			30.56		
Johnston 9/29			12.40		
Johnston 10/27			15.19		
Johnston 10/28			15.81		
Johnston 10/30			24.18		
Johnston 11/17			16.74		
Johnston 1/29			16.90		
Johnston 2/23			19.50		
Johnston 3/9			16.90		
Johnston 3/28			40.30		
Leach 9/29			12.40		
Leach 10/27			17.36		
Leach 11/17			16.74		
Manzanares 9/29			36.58		
Manzanares 10/27			30.38		
Manzanares 11/17			127.50		
Manzanares 12/15			42.16		
Manzanares 1/29			31.20		
Manzanares 2/23			31.20		
Thompson-Ortega 9/28			32.24		
Thompson-Ortega 9/29			11.16		
Committee Meetings		\$ 2,800.00			

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
National Board Meetings		\$ 15,000.00			
Armijo 10/24 Oak Ridge			1222.84		
Armijo 2/11 San Fran			170.50		
Berting 10/24 Oak Ridge			900.85		
Galpin 2/10 San Francisco			206.8		
Gomez - 2/17 Chairs mtg			866.55		
Manzanares 2/16 Chairs			839.26		
Torres 2/16 Chairs			826.35		
Subtotal			7365.95	21%	28,434.05
Environmental Restoration	\$6,000				
Waste Management	\$4,500				
Monitoring & Surveillance	\$3,000				
Materials on Soil & Hydrogeology			740.00		
Subtotal			\$ 740.00	25%	\$2,260.00
Community Outreach	\$4,000				
Website host			420.00		
Newsletter 3/13			219.27		
Subtotal			\$ 639.27	16%	\$3,360.73
Staffing	\$176,500				
October			15786.15		
November			14324.07		
December			11024.00		
January			9678.96		
February			9343.80		
March			1536.00		
Subtotal			61,692.98	35%	\$114,807.02
Staff Travel	\$3,500				
DuBois' October mileage			150.44		
DuBois' November mileage			202.14		
Armenta December mileage			55.80		
Armenta January mileage			93.00		
DuBois Jan-Mar expenses			235.36		
Armenta February			108.50		
Armenta March			43.40		

FY2000 Budget
Northern New Mexico Citizens' Advisory Board

Expenses	Budget	Itemized	Actual Costs	% Spent	Remaining
Subtotal			888.64	25%	\$2,611.36
Consulting Services	\$15,000				
Subtotal	\$293,050				
Contingency 8%	\$23,444				
Subtotal			\$23,284		
Grand Total	\$316,494		\$ 109,958.45	35%	\$206,535.55

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**Long-Term Stewardship Special Meeting
March 27, 2000**

Board Members Present: Anthony Armijo, Fran Berting, George Chandler, Sara Galpin
Ex-Officio Members Present: MJ Byrne, DDFO
Guest: Deborah Griswold Coachman, AL Operations
Staff: Ann DuBois, PWT

Fran Berting welcomed Deborah Griswold to the special meeting. Ms. Griswold explained that the Long-Term Stewardship is a nationally focussed issue. James Werner in the DOE Office of Science and Technology established an office for long-term stewardship. The reason that this topic is in this office is the premise that technology will support the monitoring and surveillance tasks needed for long-term stewardship.

The study required by the Programmatic Environmental Impact Study (PEIS) is due in late June or July 2000. A report on NDAA is also due to Congress in October. The purpose of both documents is to develop plans for the monitoring and surveillance of the DOE sites that have been remediated and closed as of 2006. LANL's section of this report will be a narrative account of their plans because LANL is an ongoing operational site. Dave McInroy, LANL, and Woodie Woodworth, DOE/AL are giving input into this document. The NDAA will effect various parts of DOE and is being coordinated at the Field Management Council level due to its cross-program impact.

DOE Headquarters is developing a roadmap for the technology needs required by long-term stewardship. INEEL is taking the lead in developing this roadmap. The Integrated Planning Analysis and Budgeting national database has to roll up the data from all the sites. This information is updated twice a year and available publicly once a year. The Long-Term Surveillance and Monitoring (LTSM) program goes into effect before stewardship. The understanding of what protects human and environmental health changes over time. Therefore, the program has an ongoing life to respond to these changes in understanding.

Sara Galpin talked about the trust for stewardship activities that was created by Tennessee. The purpose of the trust was to deposit funds now in an interest-bearing account that could be used for stewardship activities in the future. This issue is similar to the pending litigation between the Department and the state of New Mexico.

Ms. Griswold said that long-term stewardship is an activity designed to holistically ensure human health and safety. Surveillance and monitoring are focused on taking samples, surveying the condition of the site and working on possible remedies for those places that have not yet been fully remediated. John Arthur articulated a vision of zero new wastes being developed at DOE sites. Mr. Arthur is very supportive of long-term stewardship. He took this issue to the Albuquerque Mission Council and they approved this vision. This vision was announced at the Pollution Prevention Conference held in Albuquerque. The understanding is that whoever generates the waste has the responsibility to clean it up for the duration of the waste's life cycle.

Ms. Griswold said that a team is developing a white paper on the issues involved in long-term stewardship on non-Environmental Management sites e.g., those sites that have an ongoing operational mission. The white paper addresses issues like who is the landlord for on-going activities after 2013-2015. The Defense Program has its mission and its responsibilities. The team will identify the issues to be considered during April to mid-May. The team will also make recommendations. The Office of the Secretary will make the final decisions. Ms. Griswold is the Albuquerque representative on this national team. The web site for this activity is www.em.doe.gov/lts. The local team includes representatives from Kansas City, Sandia, LANL, and Pentax. The planning horizon is 2070 because the software cannot go beyond that date.

Ms. Griswold explained that technology development is a high priority for Albuquerque and all the DOE sites. DOE has a scientific culture which is an advantage to developing new technology. The Office of Science and Technology funds these highly competitive projects. More projects than Environmental Management compete for this funding. Since Albuquerque Operations is the end user of this technology, they have to vouch that there is a need for this technology. Deployment funding is available to roll out these projects. The Department has little money for pure science. The EPA also has technology seed projects. However, the EPA does not plan to implement the projects and the timeframe for success is very short.

The Department must abide by the regulatory authority governing stewardship activities. These regulations include the Resource Conservation and Recovery Act (RCRA), the Clean Air Act, the Clean Water Act and the Safe Drinking Water Act. The local RCRA Permits and the Post-Closure Care Permits act as regulatory drivers. While Albuquerque Operations is not a party to these Permits, they must be involved in the final decisions. The Programmatic Environmental Impact Statement does not have any regulatory drivers. The purpose of the PEIS was to examine the local impacts of DOE operations.

The Senior Steering Group works with the New Mexico Environment Department (NMED). This Group involves parties like Kirkland Air Force Base, Sandia and LANL. The purpose is to look at long-term stewardship issues. Sandia is the first major site to finish its corrective actions. Sandia is looking at a RCRA-driven plan. LANL is involved because this experience will be applied later to LANL. NMED will apply these learnings to other facilities in the state not just DOE sites. Sandia is cooperating with stakeholders to include their input into the decisions. On May 4 from 5:00 to 9:00 p.m. at

the Pueblo Cultural Center, the first public participation session will be held. The Northern New Mexico Citizens' Advisory Board is invited, as is the Sandia Citizens' Advisory Board.

Long-term stewardship means that the Department maintains ownership. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) is very clear about ownership and the joint and several liability requirements. Due to the liability issue, DOE is aware of the impact on changing technology on keeping adequate records. The Department is developing a decision tree for what happens when the technology changes and the records could be lost.

The Department is also looking at all the legal mandates and the Congressional funding patterns. The Super Fund Act requires a review every five years. The EPA has to approve whatever corrective action is taken to ensure that it is the right remedy for this particular site. The Super Fund was created because no other party was available to do the cleanup. LANL is not a Super Fund site. RCRA does not mandate a review every five years. Albuquerque could mandate that this review schedule become policy. Headquarters might institute a similar policy.

Ms. Byrne reminded the Board members that there would be a Site-Specific Advisory Board Stewardship II Conference in October. This national conference will convene to articulate cross-site concerns. A DOE-wide policy on stewardship is needed after the Environmental Restoration corrective actions are taken at each site. Separate consideration is needed for those sites that have an on-going operational mission. A possible conference outcome might be a joint resolution with all the SSABs on this topic.

Ms. Griswold invited Board members to attend the annual stewardship meeting sponsored by Grand Junction. She will inform the Board about when the meeting will be held.

Ms. Galpin discussed the links between the stewardship issues and the DOE conference she attended on land use. Real estate specialists and the Environmental Law Institute attended this conference. The participants heard a report that all efforts to preserve land use records had failed. She was concerned about the implications of this experience for long-term stewardship.

The Board members expressed their appreciation for Ms. Griswold's presentation. Ms. Griswold said that she looked forward to working more closely with the Board members.

TASKS COMPLETED IN APRIL
BY RAY J. ARMENTA

I contacted George Chandler and Jim Johnston to see who would be willing to help me do a presentation to the Santa Fe High Students on April 18, Earth Day Celebration. Our Topic would be the mission of the NNM CAB.

I have spoken several times with Mr. Gene Gallegos of the Northern New Mexico Community College Math & Science Department and informed him that Fran Berting and I will be attending their April 27 meeting and would make a presentation on the mission of the NNM CAB.

I followed up on MJ's request that I contact the Plaza Hotel about the two weeks cancellation. I spoke with Chris Morgan who checked with the Manager and then called me back and stated that they were willing to hold the rooms up to two weeks before, then it would be up to each individual to make their own reservation.

I worked on setting up the Communicating with the Public Training Course which entailed polling every Board member to see which of the three week ends would be best for each individual. Once this was done, I called back the ones who were in the minority and apprized them that the weekend of May 5-6 was the dates it would be and that I would follow up and call them with a location, i.e., either in Santa Fe, Espanola or Los Alamos.

I followed up on MJ's direction that I follow up on Menice's suggestion that we get a municipal meeting place instead of the Holiday Inn. I spoke with Menice who said that this was only to save the CAB money and that if the Holiday Inn was not charging us for the meeting room, she did not see any reason to move it from the Holiday Inn. I called the Holiday Inn and spoke with a Vern who stated that the meeting room would be comped.

Brother Andrew Winka from the College of Santa Fe called me and asked if anyone from the Science Department had called, more specifically, Mr. Peralta. I told him that he had not yet, and he said that he had instructed him to be in contact with regarding setting up a time for the NNM CAB doing a presentation to the Math & Science Department. He then said that he would follow up on it and that someone would be contacting me.

I spoke with Nancy Romero who called to let the CAB office know that we now have an 800 number, which is (800)218-2761. A Kate Cordova from Los Alamos called as well to confirm it.

I called Evelyn Maruska and left condolences on behalf of the Board from the loss of her sister-in-law who got killed on Monday by a drunk driver.

I called the Hotel Loretto to make reservations for Menice Manzanares, however when I was asked what was the organization's name I was calling under for a discount rate, they could not find us having made reservations for any conference room and the person who answered asked me whom it had been made with. I told her it was made with Ms. Angie Cross by Jim Johnston.

I spoke to Ms. Cross who I had also confirmed the 26th of April with and she said that she remembered but would have to check on something and then call me back, when she did she gave me a rate of \$99.00 plus tax.

I spoke with the Santa Fe County Commissioners' office regarding a presentation to the County Commissioners. I was told that the next Commissioners meeting is on April 25 and that I should submit a letter requesting to be on the agenda by April 11th. I wrote the letter and made such a request.

I met with Angie Cross and Leah Gaba from the Hotel Loretto in an effort to clear up the confusion about our reservations for they had not been able to find us on their calendar. However, Ms. Cross did remember having made the arrangements with Jim Johnston and having talked with me so they confirmed our April 26 Board meeting room reservation. I also went down there to check the room to make sure it was okay. The room is very nice and will be very accommodating for the board meeting, along with comfortable chairs.

Cindi Srsen and I have been in contact again regarding the Santa Fe High School Earth Day Celebration that George Chandler, Jim Johnston and I will be presenting at. She gave me the time and directions to the place at the High School where George, Jim and I need to be at 1:00 p.m. on April 18. I faxed George the information and map.

I called the Hotel Loretto to make reservations for Menice Manzanares, Dr. James Alarid and Anthony Armijo. However, once more the reservation desk had a problem not being able to find us listed for any conference, and gave a rate of \$149.00. I then had to ask for Ms. Angie Cross who told me that she would check on it and then call me back, when she did she gave me a rate of \$99.00 plus tax. I also got a call from Leah Gaba from the Hotel Loretto asking that I sign a Banquet Event Order which simply listed that there will be no charge for anything except for parking and that we will provide our own sound and microphone system, overhead projector and screen, which will be set on a stage. I checked with M. J. on this and she said that we would not pay for parking and that she would get from Julie Canepa, who according to MJ, her brother owns one who is willing to let the Board park at. She also instructed me to fax her this agreement for her signature.

I submitted a letter to the Santa Fe County Manager, Mr. Samuel Montoya requesting that we be put on their agenda for April 25, 2000, at 4:00 p.m presentation on the mission of the NNM CAB. I have not heard back from the County Managers Office yet.

I contacted Board Member John Alejandro to see if he would be willing to assist me on putting on a presentation for the County Commissioners on the Mission of the NNM CAB and he said that he would. I told him that I would call him as soon as I knew when we would be on agenda.

I called the City of Las Vegas to ask that the NNM CAB be put on the agenda for their next City Council Meeting. I was transferred to a Mr. Ron Maestas who asked me to write them a letter and address what we needed to present to the City Council on. I wrote the letter and Mr. Ron Maestas called me back that he had put the NNM CAB down for the evening of April 19, 2000 at

6:00 p.m.

I called and asked Board Member Dr. James Alarid if he would accompany me to make this presentation and he said that he would be delighted. I told him the time and date and he said it worked okay with him.

I called the former Mayor of Las Vegas, Mr. Matt Martinez who is also the Radio Station owner of KNMX-540 and asked him if we would schedule the NNM CAB to be on their radio show on April 19, 1000. He said that he would check and see their schedule and call me back. He called me back the same day and said that he had made arrangements for the NNM CAB to be on their radio talk show at 1:00 p.m. April 19th. I thanked him and told him I would see him then.

I called Dr. Alarid again and asked if he could help me out with this Radio Show and again he said that he would be delighted. This means that I will leave to Las Vegas at about 11:00 a. m. to have lunch and meet with Dr. Alarid before lunch.

I called the Mayor of Santa Fe and asked if we could be put on the agenda for the next City Council meeting to make a presentation on the Mission of NNM CAB. He said that it was too late for any April City Council meetings, however that I should send in a letter and request to address the Council on May 10. I wrote such a letter. However, I have not heard back from anyone as of yet.

I asked Board Member Jim Johnston if he would be willing to present with me and he said he would be happy to. I told him that right now it looks like it would be at 4:00 p.m. on May 10th. He said that this was fine with him.

I called Ray Gallegos of Radio KDCE to see if we could do our monthly radio talk show, however he stated that he was booked for this month, but that I should call him for May.

I called Ian Hoffman regarding some publicity on the good things that the Board has accomplished in the last two years. He said that he would be willing to write such a story, however that he first would like to educate himself more on this before he would do it and that he would also like to attend some board meetings. I told him that this was an opportune time for him to do this because the meeting for this month is being held here at the Hotel Loretto. He said he didn't promise to be there because he is very busy with the MolyCorp business in Questa but for me to make sure to call him in May.

I have put in a call to Joe Lopez Rio Arriba County Commissioners Coordinator for those wishing to be put on the agenda to speak to the Commissioners, asking that the NNM CAB be put on their May meeting agenda and I will follow up with a letter to Mr. Lorenzo Valdez, their County Manager making such a request.

I have also called the Town of Espanola and spoke with Rene Archuleta, the City Clerk requesting time for the NNM CAB to make a presentation to the City Council. She asked me to write a letter to the Mayor of Espanola and make such a request for such a presentation in May.

I have also called the town of Taos, and spoke with Rene Lucero, City Clerk, requesting that the NNM CAB be put on their agenda for one of their City Council meetings in May.

I attended the DOE Mandatory Stand Down in Los Alamos on April 12, 2000.

I faxed M. J. Connie T. Ortega letter of resignation.

I spoke with Angelina Valdez and asked her if she would like to do a [presentation with me on the mission of the NNM CAB to the Espanola City Council on May 2, at 6:00 p.m. She said that she would like to do this.

I wrote a letter to the Rio Arriba a County requesting that the NNM CAB be put on their agenda for their next County Commissioners meeting. I have not heard back from them yet. I will be soliciting a Board member to assist with this presentation.

I spoke to Evelyn Maruska and invited her to accompany Angelina Valdez and myself on May 2nd., for the presentation to the Espanola City Council and she said that she would also like to.

I called the twon of Taos and spoke with Ms. Rene Lucero and requested that the NNM CAB be put on their next City Council's agenda sothat we can make a presentation to them on the mission of the NNM CAB. I was asked to write a letter to the Mayor and I did. Right now it looks like this will be happening on May 16 at 6:30 p.m. I asked Ms. Menice, Chair of the NNM CAB if she would be willing to do this presentation with me and she said she did..

Mr. Joe Lopez from the County of Rio Arriba called me back and said that we could do our presentation to the County Commissioners in Tierra Amarilla, and that in fact he wanted to invite us to the opening of the Grand Opening of the New County Court House in Tierra Amarilla on April 26th, and that the Commissioners meeting would be right after the reception. I told him that we had our meeting that same evening; and thanked him for the invitation and that if I could get everything set up early enough for our eight o'clock meeting I would definetly try to make their Grand Opening reception . I told him that this being the case we would like to be scheduled for their May Commissioners meeting. He said that he would and that it would be on May 25th at 1:00 p.m. in Espanola.

I got a call from Dr. Alarid who called to see if everything was still on for our April 19th Radio Talk Show on KNMX-540 and with the Presentation with the City Council that same evnening at 6:00 p.m. I told him that it was and that I would meet him at about 11:30 at some place and go over what we would be discussing on the radio show and the City Council meeting before the Radio Show.

On May 18th. Earth Day at Santa Fe High School, George Chandler, myself and Shirley O'Rourke went to the High School to do a presentation to the Santa Fe High School students and whoever else wanted to hear us on the Mission of the NNM CAB. Jim Johnston was unable to attend so he sent Ms. O'Rourke in his place who did a presentation on Packaging and Transportation. Upon arriving we were greeted by the Coordinator for Earth Day at Santa Fe

High School and the teacher I had been in touch with, Ms. Cindy Srsn. She took us to the class room where we were to present where Wahole Foods were finishing up their presentation. When they did finish the entire class walked out and we had no one left for our presentation. I had started to display some topographic maps that George had asked that I bring when he told me not to bother doing it because he was going to have to leave to take care of some other business he had to take care of, so I stopped. I then, seeing that we still did not have anyone to do the presentation for, decided to speak to a teacher that was there, a Ms. Tom River who then introduced me to another teacher, Mr. Baca who both told me that they would help round up some students for our presentation. In the meantime I decided to go speak with Ms. Srsn, who was very apologetic and told me that she would get us in another class. She took me over to another class room where the Citizens Against Nuclear Waste were giving their presentation, and asked if they would allow us to give our presentation at the mid-way point of theirs which called for a break anyway. This worked out well and we were to do this presentation in 45 minutes. I then went back to the other Class Room where Shirley O'Rourke was still waiting for me along with about 35 students who we presented to. I spoke on the Mission of the NNNMCAB and on the importance of getting the environment cleaned up in Los Alamos. Ms. O'Rourke gave a presentation on Packaging and Transportation of Transuranic Waste, which was well received and the students had many questions on this. We did the exact same presentation for the other class which had about 40 students. This class was also very attentive and had a lot of questions. We were done by 2:30 p.m.

I had intended on writing Taos County so that we could also do a presentation to them in the near future, however I think I will hold off on this, considering all of the problems they are presently experiencing.

I have talked to George Gonzales, owner of KSWX Radio Station in Santa Fe to see if we can get on their Radio Talk show in Mahy. He told me that he would check his schedule and call me back.

Dr. Alarid and I did the presentation on KNMX-540 Radio and presented to the Las Vegas City Council. It went very well and we had a lot of questions from the City Council. Some were about the WIPP trucks and we were fortunate enough to have Captain Tim Gallegos, Board Member present who answered these questions. On the Radio Show we had one call from Kathy Montano, the same person that attended the NNNMCAB meeting in Las Vegas last year in April. She was very eloquent and well versed on the subject of Transuranic Waste and WIPP, however she would not allow us to answer once she got on her soap box.

I stopped by and visited with the owner of the Radio Station Mr. Matt Martinez and set up another show for May 24, 2000 at 1:00 p.m. This is the day of the Board May Meeting in Las Vegas at Kennedy Hall at Highlands.

**Ann DuBois
Monthly Report
April 2000**

Annual Report

Compiled documents from our webpage and Board files to prepare for writing annual report. Sent more minutes to Jim Johnston to update the webpage as a result of this task.

Completed first draft of Board and some Committee highlights for FY 97, 98, and 99 through April.

Budget

Updated budget records on almost a daily basis.

Reconciled budget figures with DOE/LAAO Business Office figures.

Environmental Restoration Committee

Prepared for, attended, took, drafted and corrected minutes for April 10 meeting.

Sent Fran Berting the ER Quarterly Technical Report for October-December, 1999 and the letter from the NMED about the October 1995 Compliance Order.

Drafted, sent minutes to Fran Berting and corrected minutes from special meeting on Long-Term Stewardship on March 27. Conferred with Deborah Griswold, Albuquerque Operations on Whitepaper on Long-term Stewardship issues. Sent Whitepaper to special meeting participants.

Assisted Albuquerque Operations Office in ensuring that Board members receive the DOE Albuquerque Environmental Management Quarterly Update newsletter.

Conferred with Fran Berting and made preparations for May 8 Committee meeting.

Monitoring and Surveillance Committee

Prepared for, attended and took minutes for April 19 meeting.

Sent Anthony Armijo the ER Quarterly Technical Report for October-December, 1999 and the letter from the NMED about the October 1995 Compliance Order.

Prepared and distributed the letter suggesting modeling locations for the maximum possible dose that the public could receive from LANL's air emissions.

Conferred with Anthony Armijo, MJ Byrne and Menice Manzanares about who has the right to vote at a Committee meeting.

Waste Management Committee

Sent to Sara Galpin the ER Quarterly Technical Report for October-December, 1999 and the letter from the NMED about the October 1995 Compliance Order.

Prepared for and canceled the April 17 Committee meeting.

Conferred with Sara Galpin concerning possible site tours to Rocky Flats, Savannah River, INEEL, Oak Ridge, Hanford and Paducah. Drafted and sent memo to these sites. Conferred with INEEL, Savannah River and Rocky Flats about possible dates for site visit. Communicated with Oak Ridge Board about possible May 3 and 4 site tour for George Chandler.

Board Preparation

Conferred with MJ Byrne and Menice Manzanares about April 26 Board meeting. Contacted Ted Taylor and John Themelis about their presentations for this meeting.

Conferred with MJ Byrne and Ray Armenta about nomination process for new members. Prepared report for MJ Byrne on people recruited, interviewed and accepted for Board membership from July 1998 to April 2000. Drafted new nomination form. Confirmed with DOE Headquarters and notified Menice Manzanares and James Alarid of their nominations for Board membership.

Communicated with Menice Manzanares and MJ Byrne about the SSAB Common Values paper and conference call on April 27.

Ordered appreciation plaques for Connie Thompson-Ortega, Elnora Qualls and Tammie Gomez.

Conferred with MJ Byrne and Ray Armenta about the Board and DOE staff Public Participation training on May 5 and 6.

Prepared and distributed materials for April 26 Board mailing. Placed advertisements in The New Mexican, Journal North and Monitor.

Forwarded to Menice Manzanares and MJ Byrne requests for Board agenda time.

Office Management

Assisted MJ Byrne in renewing the office lease for another year.

Gathered materials for MJ Byrne to take to the Environmental Restoration Public Meetings on April 12 and 19.

Communicated to Board the new Board office phone number for long distance calls – 800-218-5942. Researched options to reduce response time for Board members and the public to reach Ray Armenta and me. Sent memo about these options to MJ Byrne and Menice Manzanares.

Communicated with Board members about upcoming events or issues that might interest them.

Travel Expenses

Updated records as necessary. Forwarded notices of travel expense reimbursement checks to appropriate Board members.

Forwarded request to Grace Roybal for travel voucher audit that was successfully completed.