



Environmental Stewardship Division
Meteorology and Air Quality Group
P.O. Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 665-8855/FAX: (505) 665-8858

Date: April 13, 2005
Refer to: ENV-MAQ:05-110

Joni Arends
Concerned Citizens for Nuclear Safety
107 Cienega Street
Santa Fe, NM 87501



Dear Joni:

This letter provides additional information to follow up from the meeting at the NMED office on April 4, 2005.

1. The active open burn sites, with the applicable regulations and permits, at Los Alamos National Laboratory include the following:
 - a. TA-11 wood and fuel fire test site (NSR permit 2195-J)
 - b. TA-14 burn cage (RCRA regulated site)
 - c. TA-16 flash pad (NSR permit 2195-J and RCRA regulated site)
 - d. TA-16 burn tray (RCRA regulated site)
 - e. TA-36 sled track (NSR permit 2195-K)
 - f. TA-36 open burn area (20.2.60 NMAC permit-by-rule)
2. Annual fire activity reports for 1997 through 2004 are enclosed. The reports indicate the types and quantities of materials burned. The annual fire activity report requirement was initiated with the 1997 open burn permit. No open burns have taken place at the TA-36 sled track or the TA-11 wood and fuel fire test site between 1997 and 2004.
3. Records associated with open burn permits are retained for 75 years. This schedule is set by the Programmatic Records Schedule from the DOE Chief Information Office per DOE ENV 1k(3) available at:

<http://cio.doe.gov/RBManagement/Records/PDF/Environmental.PDF>
4. Future emissions reports will be posted on the web. The annual reports include the following:
 - Emissions inventory due annually on April 1
 - Title V Operating Permit emissions reports due annually March 31 and September 28



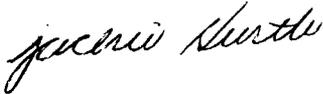
Joni Arends
ENV-MAQ:05-110
LA-UR-05-2712

-2-

April 13, 2005

I hope this letter addresses the outstanding issues from our meeting. Please contact me if you have additional questions. I can be reached at jhurtle@lanl.gov or 665-4380.

Sincerely,



Jackie Hurtle
Meteorology and Air Quality Group

JH:alb

Att:a/s

Cy:

Ted Schooley, NMED AQB, 2048 Galisteo Street, Santa Fe, NM 87505
Mike Schneider, NMED AQB, 2048 Galisteo Street, Santa Fe, NM 87505
Richard Goodyear, NMED AQB, 2048 Galisteo Street, Santa Fe, NM 87505
Sherri Kotowski, Embudo Monitoring Group, P.O. Box 291, Dixon, NM 87527
John Kieling, NMED HWB, 2905 Rodeo Park Drive East, Bldg. 1 Santa Fe, NM 87505
Kate Lynnes, NMED HWB, 2905 Rodeo Park Drive East, Bldg. 1 Santa Fe, NM 87505
John Young, NMED HWB, 2905 Rodeo Park Drive East, Bldg. 1 Santa Fe, NM 87505
Steve Fong, DOE/LA-AO, A316
Bill Blankenship, ENV-MAQ, J978
Dianne Wilburn, ENV-MAQ, J978
Jean Dewart, ENV-MAQ, J978
Ann Sherrard, ESA-WOI, C924
Franco Sisneros, DX-TSO, C925
ENV-MAQ ESA OB File
ENV-MAQ DX OB File
ENV-MAQ File



Environmental Stewardship Division
Meteorology and Air Quality Group
P.O. Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 665-8855/FAX: (505) 665-8858

Date: March 2, 2005
Refer to: ENV-MAQ:05-075

Mr. Edward Horst
Environmental Compliance Specialist
Compliance & Enforcement Section
New Mexico Environmental Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

**IDEA ID NO. 856 – LOS ALAMOS NATIONAL LABORATORY
ANNUAL FIRE ACTIVITY REPORT**

Dear Mr. Horst:

Enclosed is Los Alamos National Laboratory's (LANL) Annual Fire Activity Report for calendar year 2004. This report is a requirement in our open burn permits, TA-11-OB-2003, TA-14-OB-2003, TA-16-OB-2003 (as modified by NMED letter dated March 18, 2003), and TA-36-OB-2003, which were issued on December 27, 2002.

We have listed permit conditions in the Fire Activity Report and have included a summary for each permit. In 2004, LANL did not conduct open burning under permits TA-11-OB-2003, TA-14-OB-2003, and TA-36-OB-2003. From the report summary for TA-16-OB-2003, LANL is in compliance with all terms and conditions. LANL has also complied with all notification and hours of operation requirements.

If you have any questions concerning this report, please contact Steve Story at (505) 665-2169 or Harold Martinez at (505) 665-8863.

Sincerely,

Jean Dewart
Meteorology and Air Quality Group Leader
Environmental Stewardship Division

JD:alb

Mr. Edward Horst
ENV-MAQ:05-075

-2-

March 2, 2005

Cy:

S. Fong, DOE/LAAO, A316
K. Hargis, ENV-DO, J591
D. Stavert, ENV-DO, J591
D. Wilburn, ENV-MAQ, J978
S. Story, ENV-MAQ, J978
J. Hurtle, ENV-MAQ, J978
B. Blankenship, ENV-MAQ, J978
M. Stockton, ENV-MAQ, J978
A. Sherrard, ESA-WOI, C924
D. Macdonell, ESA-WOI, C928
L. Maez, ESA-MEE, C930
D. Hayden, ESA-MEE, C930
M. Miller, ESA-WSE, C921
L. Woodrow, DX-DO, P918
H. Harry, DX-2, C920
Marc Clay, DX-TSO, C925
F. Sisneros, DX-TSO, C925
G. Vasilik, DX-TSO, C925
P. Wardwell, LC-ESH, A187
ENV-MAQ Open Burn Log File
ENV-MAQ File

TA-11 Burn Log

LA-UR-05-1600

Date of Burn	Burn Duration (Hour)	Material Type	Jet A or Diesel (gal)	DU (lb)	HE (lb)
None.		Fuel			
Totals:	0		0	0	0

Annual	Each Burn	Annual	Each Burn
5 fuel fire burns	88 lb of DU	0 Fuel Fire burns	0 Max. DU (lb)
440 lb of DU	800 gal of Jet A/diesel	0 lb of DU	0 Max. Jet A or diesel (gal)
4000 gal of Jet A/diesel	100 lb of HE	0 gal of Jet A/diesel	0 Max. HE (lb)
500 lb of HE		0 lb of HE	

Date of Burn	Burn Duration (Hour)	Material Type	Wood (lb)	DU (lb)	HE (lb)	Fuel (gal)
None		Wood				
Totals:	0		0	0	0	0

Annual	Each Burn	Annual	Each Burn
5 Wood Fire burns	88 lb of DU	0 Wood Fire burns	0 Max. DU (lb)
440 lb of DU	2000 lb of Wood	0 lb of DU	0 Max. Wood (lb)
10,000 lb of Wood	100 lb of HE	0 lb of Wood	0 Max. HE (lb)
500 lb of HE	0.5 gal of Fuel	0 lb of HE	0 Max. Fuel (gal)
2.5 gal of Fuel		0 gal of Fuel	

TA-14 Burn Log

LA-UR-05-1600

Date of Burn	Burn Duration (Hour)	Material Type	Material Quantity (lb)	Fuel (gal)
None		HE Contaminated Combustibles		
		Totals:		

18 burns per year 50 lb HE Contaminated Combustibles per burn 0.5 gal of fuel per burn (approx.)	Annual 0 burns 0 lbs HE Contaminated Combustibles
	Burn Stats (all burns) 0 Max. lb. HE Contaminated Combustibles 0 Max. Fuel

TA-36 Burn Log

LA-UR-05-1600

Sled Track Area - HE Wood Waste						
Date of Burn	Burn Duration (Hour)	Material Type	Wood - Combustible Waste (lb)	HE Quantity (gram)	DU Quantity (gram)	Fuel (gal)
None						
Total weight of material:			0	0	0	0

Annual

0 Burns

Burn Stats (all burns)

0 Max. wood (lb)

0 Max. HE (gram)

0 Max. DU (gram)

0 Max. fuel (gal)

Permit Conditions:

8 burns per year 40000 gram of DU per burn (40 kg)

2000 lb of wood per burn 0.5 gal of fuel per burn (approx.)

45000 gram of HE per burn

Open Burn Area					
Date of Burn	Burn Duration (Hour)	Material Type	DU Contaminated Wood (m ³)	Combustible Waste Material (Lexan/Plexiglass) (lb)	Fuel (gal)
None					
Total weight of material:			0	0	0

Annual

Burns

Burn Stats (all burns)

0 Max. DU wood (m³)

0 Max. Comb. Mtrl. (lb)

0 Max. Fuel (gal)

Permit Conditions:

8 burns per year

300 m³ DU contaminated wood per burn

500 lb combustible waste material per burn (includes Lexan & Plexiglass)

10 gal of fuel per burn (approx.)



**METEOROLOGY &
AIR QUALITY**

Risk Reduction & Environmental Stewardship Division
Meteorology & Air Quality Group
PO Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 665-8855/Fax: (505) 665-8858

Date: February 10, 2004
Refer to: RRES-MAQ:04-051

Dr. John Volkerding
New Mexico Environmental Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

Dear Dr. Volkerding:

Enclosed is the Los Alamos National Laboratory (LANL) Annual Fire Activity Report for calendar year 2003. This notification is required by our four open burn permits and reports open burn activities conducted at LANL during 2003. Our open burn permits, which were issued on December 27, 2002, are TA-11-OB-2003, TA-14-OB-2003, TA-16-OB-2003 (as modified by NMED letter dated March 18, 2003), and TA-36-OB-2003. We have listed the permit conditions in the Fire Activity Report and have included a summary for each permit. From the report summaries, LANL is in compliance with the terms and conditions of each permit. LANL has also complied with all notification and hours of operation requirements.

In addition to our permitted sites, two open burns were conducted at LANL's TA-36 Minie Site. These burns were conducted on February 27, 2003 and December 18, 2003. The open burn conducted on December 18, 2003 was verbally approved by NMED on December 17, 2003 and documented in a letter to NMED dated January 15, 2004. An additional burn was conducted at this site on February 27, 2003. LANL verbally notified NMED of this burn on January 22, 2004. Both burns are documented in the Annual Fire Activity Report. In the future, LANL will ensure that these open burns are conducted at the permitted TA-36 Sled Track Area.

If you have any questions concerning this report, please contact Steve Story at (505) 665-2169 or Harold Martinez at (505) 665-8863.

Sincerely,

A handwritten signature in cursive script that reads 'Jean M. Dewart'.

Jean Dewart
Group Leader

Dr. John Volkerding
RRES-MAQ:04-051

-2-

February 10, 2004

Cy:

V. George, RRES-DO, J591
D. Stavert, RRES-EP, J591
J. Dewart, RRES-MAQ, J978
S. Story, RRES-MAQ, J978
J. Hurtle, RRES-MAQ, J978
B. Blankenship, RRES-MAQ, J978
M. Stockton, RRES-MAQ, J978
A. Sherrard, ESA-WOI, C924
D. Macdonell, ESA-WOI, C928
L. Maez, ESA-WMM, C930
D. Hayden, ESA-WMM, C930
M. Miller, ESA-WR, P946
S. Fong, DOE/LAAO, A316
K. Benally, DOE/LAAO, A316
M. Hockaday, DX-DO, P918
L. Woodrow, DX-DO, P918
H. Harry, DX-2, C920
E. McNamara, DX-4, K489
F. Sisneros, DX-4, C925
G. Vasilik, DX-4, C925
P. Wardwell, LC-ESH, A187
R. Weeks Jr., NMED State of NM Environmental Div., J993
RRES-DO File, J591
RRES-MAQ Open Burn Log File
RRES-MAQ File, J978

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2003
LA-UR:04-0736

ALL OPERATIONS UNDER PERMITS;
TA-11-OB-2003, TA-14-OB-2003, TA-16-OB-2003, TA-36-OB-2003

TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-11	<i>Fuel and Wood Fire Testing</i>	No Burns				
	Annual Summary:	No Burns in 2003				
	Permit Conditions:	<ul style="list-style-type: none"> - maximum of 5 fuel fire and 5 wood fire burns annually - 2000 lbs per burn / 10,000 lbs per year of wood - 800 gals per burn / 4,000 gals per year of Jet A or Diesel - 100 lbs per burn / 1,000 lbs per year of HE - 88 lbs per burn / 880 lbs per year of DU - ½ gal per burn / 2.5 gal per year of starter fluid 				
TA-14	<i>Burn Cage – HE Contaminated Waste</i>	<i>Feb. 12, 2003</i>	<i>1-Hour</i>	<i>HE Contaminated Combustibles</i>	<i>22 lbs.</i>	<i>½ gals. Kerosene</i>
		<i>Mar. 19, 2003</i>	"	"	<i>31.25 lbs.</i>	"
		<i>Aug. 04, 2003</i>	"	"	<i>44 lbs.</i>	"
		<i>Aug. 05, 2003</i>	"	"	<i>49 lbs.</i>	"
		<i>Aug. 06, 2003</i>	"	"	<i>37 lbs.</i>	"
	Total:				183.25 lbs	
	Annual Summary:	<ul style="list-style-type: none"> - Number of Burns: 5 burns - Lbs of HE Contaminated Combustibles: 183.25 lbs total (≤ 50 lbs/burn) 				
	Permit Conditions	<ul style="list-style-type: none"> - 18 burns per year - 50 lbs of HE contaminated combustibles per burn - ½ gal starter fluid per burn 				

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2003
LA-UR:04-0736

TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-16	Flash Pad -- HE Contaminated Combustible Waste	Jan. 13, 2003	½ Hour	HE Contaminated Combustible Solids	50 lbs.	Propane
		Jan. 14, 2003	"	"	40 lbs.	"
		Jan. 14, 2003	"	"	25 lbs.	"
		Jan. 29, 2003	"	"	40 lbs.	"
		Jan. 29, 2003	"	"	35 lbs.	"
		Mar. 3, 2003	"	"	42 lbs.	"
		Mar. 3, 2003	"	"	40 lbs.	"
		Mar. 4, 2003	"	"	50 lbs.	"
		Mar. 31, 2003	"	"	30 lbs.	"
		April 1, 2003	"	"	50 lbs.	"
		April 1, 2003	"	"	30 lbs.	"
		July 29, 2003	"	"	48 lbs.	"
		Aug. 28, 2003	"	"	50 lbs.	"
		Dec. 11, 2003	"	"	50 lbs.	"
		Dec. 17, 2003	"	"	50 lbs.	"
	Total:				630 lbs	
	Flash Pad -- Scrap Metal	Mar. 26, 2003	½ Hour	Scrap Metal	N/A	"
		Mar. 27, 2003	"	"	N/A	"
		May 07, 2003	"	"	N/A	"
		Oct. 08, 2003	"	"	N/A	"
		Oct. 09, 2003	"	"	N/A	"
		Oct. 15, 2003	"	"	N/A	"
		Oct. 16, 2003	"	"	N/A	"
		Oct. 28, 2003	"	"	N/A	"
		Nov. 05, 2003	"	"	N/A	"
		Nov. 06, 2003	"	"	N/A	"
		Nov. 17, 2003	"	"	N/A	"
Nov. 25, 2003	"	"	N/A	"		
	Flash Pad -- HE Contaminated Machining Scrap	Feb. 11, 2003	½ Hour	HE Scrap	150 lbs.	Propane
		Feb. 19, 2003	"	"	125 lbs.	"
		Feb. 20, 2003	"	"	110 lbs.	"
		Feb. 24, 2003	"	"	18 lbs.	"
		Feb. 25, 2003	"	"	85 lbs.	"
		Mar. 10, 2003	"	"	34 lbs.	"
		Mar. 25, 2003	"	"	49 lbs.	"
		Apr. 02, 2003	"	"	125 lbs.	"
		Apr. 03, 2003	"	"	100 lbs.	"
		Apr. 09, 2003	"	"	105 lbs.	"
		Apr. 10, 2003	"	"	40 lbs.	"
		May 28, 2003	"	"	90 lbs.	"
		May 29, 2003	"	"	80 lbs.	"
		June 17, 2003	"	"	120 lbs.	"
		June 18, 2003	"	"	115 lbs.	"
June 19, 2003	"	"	30 lbs.	"		
July 24, 2003	"	"	187 lbs.	"		
July 21, 2003	"	"	240 lbs.	"		
July 22, 2003	"	"	105 lbs.	"		
July 28, 2003	"	"	95 lbs.	"		
July 29, 2003	"	"	105 lbs.	"		

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2003
LA-UR:04-0736

TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
		July 29, 2003	"	"	48 lbs.	"
		Sept. 02, 2003	"	"	150 lbs.	"
		Sept. 03, 2003	"	"	36 lbs.	"
		Sept. 15, 2003	"	"	110 lbs.	"
		Sept. 17, 2003	"	"	100 lbs.	"
		Sept. 18, 2003	"	"	90 lbs.	"
		Sept. 29, 2003	"	"	30 lbs.	"
		Oct. 20, 2003	"	"	137 lbs.	"
		Oct. 21, 2003	"	"	135 lbs.	"
		Oct. 22, 2003	"	"	20 lbs.	"
		Dec. 04, 2003	"	"	100 lbs.	"
		Total:			3064 lbs.	
	Flash Pad -- HE Contaminated Liquid	Feb. 03, 2003	½ Hour	HE Contaminated Solvents	10 Gals	Propane
		Feb. 03, 2003	"	"	0.25 Gals	"
		Feb. 04, 2003	"	"	15 Gals	"
		Sept. 30, 2003	"	"	10 Gals	"
		Oct. 01, 2003	"	"	15 Gals	"
		Oct. 02, 2003	"	"	17.1 Gals	"
		Dec. 02, 2003	"	"	15.25 Gals	"
		Total:			82.6 gals	
	Annual Summary:	<ul style="list-style-type: none"> - Propane : 1,975 gals - HE: 3064 lbs - HE Contaminated Combustible solids: 630 lbs (assume 5% HE: 31.5 lbs HE) - HE Contaminated Oil/solvents: 82.6 gals 				
	Permit Conditions	<ul style="list-style-type: none"> - 20,000 gals propane - 21,000 lbs HE - 5,200 lbs HE contaminated combustible solids - 1,000 gal HE contaminated oil/solvents 				

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2003
LA-UR:04-0736

TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-36	<i>Sled Track Area -- HE Wood Waste</i>	<i>No Burns</i>				
	<i>Minie Site</i>	<i>Feb 27, 2003</i>	<i>1.5 hours</i>	<i>Wood HE</i>	<i>250 lbs 1055.1 grams</i>	<i>Kerosene 2 gals.</i>
		<i>Dec. 18, 2003</i>	<i>1.5 hours</i>	<i>Wood HE</i>	<i>250 lbs. 10 grams</i>	<i>Kerosene 2 gals.</i>
	<i>Annual Summary:</i>	<i>No Burns in 2003at the Sled Track Area</i>				
		<i>2 burns conducted at Minie Site [NMED provided verbal approval for the December Minie Site activities to be performed under the Sled Track permit.]</i>				
		<ul style="list-style-type: none"> - 2 burns - 500 lbs of wood - 1065.1 grams of HE 				
	<i>Permit Conditions</i>	<ul style="list-style-type: none"> - 8 burns per year - 2000 lbs wood per burn - 45 kg of HE per burn - 40 kg of DU per burn 				
<i>Open Burn Area</i>	<i>No Burns</i>					
<i>Annual Summary:</i>	<i>No Burns 2003</i>					
<i>Permit Conditions</i>	<ul style="list-style-type: none"> - 8 burns per year - 300 m³ DU contaminated wood per burn - 500 lb combustible waste material and lexan or plexiglass per burn - 10 gals starter fluid per burn 					



Risk Reduction & Environmental Stewardship Division
Meteorology & Air Quality Group
PO Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 665-8855/Fax: (505) 665-8858

Date: January 23, 2003
Refer to: RRES-MAQ:03-014

Mr. Volkerding
New Mexico Environmental Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

Dear Mr. Volkerding:

Enclosed is the Los Alamos National Laboratory's (LANL) Annual Fire Activity Report for calendar year 2002. This notification is provided at your request and reports all open burn activities conducted at the LANL facility and approved in the Open Burn Permit AQB.97.214, effective August 18, 1997 through December 31, 2002.

All operational burns for 2002 were conducted within the terms specified in the permit and the email correspondence dated 4/13/01 between Leland Maez of LANL and yourself.

If you have any questions concerning this report, please contact me at (505) 665-8863.

Sincerely,

A handwritten signature in cursive script that reads 'Harold A. Martinez'.

Harold Martinez
Meteorology and Air Quality

HM:db

Cy:

S. Fong, DOE/LAAO, A316
F. Sisneros, DX-DO, P915
M. Hockaday, DX-DO, P918
K. Uher, DX-2, C920
E. McNamara, DX-4, K489
G. Vasilik, DX-4, C925
A. Sherrard, ESA-FM-ESH, C924
D. Macdonell, ESA-FM-ESH, C928
L. Maez, ESA-WMM, C930
D. Hayden, ESA-WMM, C930

Mr. John Volkerding
RRES-MAQ:03-014

-2-

January 23, 2003

M. Miller, ESA-WR, P946
P. Wardwell, LC/GL, A187
D. Stavert, RRES-EP, J591
J. Dewart, RRES-MAQ, J978
J. Hurtle, RRES-MAQ, J978
S. Miller, RRES-MAQ, J978
S. Story, RRES-MAQ, J978
M. Stockton, RRES-MAQ, J978
RRES-DO File, J591
RRES-MAQ ESA OB Project File
RRES-MAQ File

FIRE ACTIVITY OPEN BURN LOG FOR CALENDER YEAR 2002

ALL OPERATIONS UNDER PERMIT NO. ABQ.97.214

TECH. AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER	
TA-11	NO BURNS						
TA-14	HE Contaminated Waste	2/6/2002	1-Hour	Kimwipes,paper, Rags, etc.	47 lbs	½ gals. Kerosene	
		12/9/2002	"	"	43 lbs	"	
TA-16	HE Contaminated Combustible Waste	1/15/2002	½ Hour	HE Contaminated Paper, Rags and Scrap Metal	30 lbs	Propane	
		2/12/2002	"	"	50 lbs	"	
		2/13/2002	"	"	50 lbs	"	
		3/04/2002	"	"	41 lbs	"	
		3/05/2002	"	"	N/A	"	
		3/06/2002	"	"	N/A	"	
		7/16/2002	"	"	50 lbs	"	
		7/16/2002	"	"	50 lbs	"	
		7/17/2002	"	"	50 lbs	"	
		7/17/2002	"	"	50 lbs	"	
		9/05/2002	"	"	50 lbs	"	
		10/08/2002	"	"	50 lbs	"	
		10/09/2002	"	"	50 lbs	"	
		10/30/2002	"	"	Scrap Metal	N/A	"
		11/05/2002	"	"	"	"	"
		11/06/2002	"	"	"	"	"
		11/07/2002	"	"	"	"	"
11/18/2002	"	"	"	"	"		
11/19/2002	"	"	"	"	"		
11/20/2002	"	"	"	"	"		
TA-16	HE Contaminated Liquid	1/28/2002	½ Hour	Solvents	5 gals.	Propane	
		1/29/2002	"	"	20 gals	"	
		2/04/2002	"	"	10 gals	"	
		2/05/2002	"	"	8 gals	"	
		2/12/2002	"	"	10 gals	"	
		6/17/2002	"	"	11.6 gals	"	
		6/18/2002	"	"	12.5 gals	"	
		6/19/2002	"	"	7.5 gals	"	
		6/20/2002	"	"	5 gals	"	
		6/24/2002	"	"	10 gals	"	
		6/25/2002	"	"	10 gals	"	
		6/26/2002	"	"	"	10 gals	"

TA-16	<i>HE Contaminated Liquid</i>	<i>Date/week</i> 9/16/2002 9/17/2002	<i>Burn Duration</i> ½ Hour "	<i>Solvents</i> " "	<i>Fuel Quantity</i> 8 gals 20 gals	<i>Propane</i> " " 1300 gals Total/2002
TA-36	<i>HE Wood Waste</i>	12/18/2002	8 Hours Min.	<i>Work Lexan and Plexiglass, Packing Material, etc.</i>	<i>290 m3 Wood 250 lbs Lexan, Plexiglass</i>	<i>Kerosene 10 gals</i>



Los Alamos

NATIONAL LABORATORY

Environment, Safety, and Health Division

ESH-17, Air Quality Group

P.O. Box 1663, MS J978

Los Alamos, New Mexico 87545

(505) 665-8855/Fax: (505) 665-8858

Date: January 22, 2002

Refer to: ESH-17:02-021

Mr. John Volkerding
New Mexico Environment Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

Dear Mr. Volkerding:

Enclosed is the Los Alamos National Laboratory's (LANL) Annual Fire Activity Report for calendar year 2001. This notification is provided at your request and reports all open burn activities conducted at the LANL facility and approved in the Open Burn Permit AQB.97.214, effective August 18, 1997 through December 31, 2002.

Although three Air Curtain Destructors (ACDs) were started up during 2001, emissions from these ACDs will not be included in this report. Instead, these emissions will be reported in the annual 20 NMAC 2.73 emissions inventory due to NMED on April 1, 2002.

All operational burns for 2001 were conducted within the terms specified in the permit and the email correspondence dated 4/13/01 between Leland Maez of LANL and yourself.

If you have any questions concerning this report, please contact me at (505) 665-8863.

Sincerely,

Harold Martinez

HM:db

Cy:

M. Montoya, DX-DO, P915

D. Stavert, ESH-DO, J978

K. Uher, DX-2, C920

L. Hatler, ESA-WMM, C930

F. Sisneros, DX-DO, P915

D. Hemphill, ESA-WMM, C930

P. Smith, ESA-MT, C931

D. Montoya, ESA-MT, C931

D. Macdonell, ESA-FM-ESH, C928

B. Olinger, ESA-WMM, C930

A. Sherrard, ESA-FM-ESH, C924

D. Woitte, LC/GL, A187

M. Stockton, ESH-17, J978

S. Fong, DOE/LAAO, A316

ESH-17 File

FIRE ACTIVITY OPEN BURN LOG FOR CALENDAR YEAR 2001

ALL OPERATIONS UNDER PERMIT NO. AQB.97.214

TECH. AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
TA-11	N/A	N/A	N/A	N/A	N/A	N/A
TA-14	HE Contaminated Waste	2/19/01	1 Hour	Kimwipes, Paper, Rags, etc.	20 lbs	½ gal Kerosene
		5/14/01	"	"	20 lbs	"
		9/17/01	"	"	45 lbs	"
		11/5/01	"	"	45 lbs	"
		12/10/01	"	"	45 lbs	"
TA-16	HE Contaminated Combustible Waste	3/5/01	1 Hour	HE Contaminated Rags, Paper, etc.	50 lbs	Propane
		3/5/01	"	"	35 lbs	"
		3/30/01	"	"	50 lbs	"
		5/16/01	2 Hours	HE Contaminated Rags, Paper, and Scrap Metal	30 lbs	"
		5/17/01	1 Hour	HE Contaminated Rags, Paper, etc.	50 lbs	"
		8/1/01	"	"	50 lbs	"
		8/1/01	"	"	50 lbs	"
		8/2/01	"	"	50 lbs	"
		8/2/01	"	"	50 lbs	"
		8/20/01	"	"	50 lbs	"
		8/21/01	"	"	50 lbs	"
		8/21/01	"	"	50 lbs	"
		8/22/01	"	"	50 lbs	"
		8/22/01	"	"	50 lbs	"
		8/27/01	"	"	40 lbs	"
		8/28/01	"	"	30 lbs	"
		8/30/01	"	"	35 lbs	"
		9/4/01	"	"	48 lbs	"
		9/5/01	"	"	45 lbs	"
		9/6/01	"	"	45 lbs	"
		9/24/01	"	"	50 lbs	"
		11/29/01	"	"	50 lbs	"
		12/5/01	"	"	20 lbs	"
		12/19/01	"	"	50 lbs	"
16	HE Contaminated Combustible Waste	3/19thru3/21	3 Hours	Scrap Metal	N/A	"

TECH. AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
		3/22thru3/23	2 Hours	"		"
		3/27thru3/28	2 Hours	"		"
		4/03thru4/05	3 Hours	"		"
		5/08thru5/09	2 Hours	"		"
		5/23thru5/24	2 Hours	"		"
		6/06/01	1 Hour	"		"
		6/11thru6/12	2 Hours	"		"
		6/27/01	1 Hour	"		"
		10/01thru10/02	2 Hours	"		"
		10/16thru10/18	3 Hours	"		"
		10/29thru10/30	2 Hours	"		"
	HE Contaminated Liquid	1/10/01	1 Hour	Solvents	18.25 gals	"
		2/26/01	1 Hour	"	5 gals	"
		2/27/01	1 Hour	"	13 gals	"
		2/28/01	1 Hour	"	10 gals	"
		3/13/01	1 Hour	"	8 gals	"
		3/29/01	1 Hour	"	9 gals	"
		5/29/01	1 Hour	"	12 gals	"
		5/30/01	1 Hour	"	15 gals	"
		6/07/01	1 Hour	"	10 gals	"
		7/30/01	1 Hour	"	20 gals	"
		7/31/01	1 Hour	"	10 gals	"
		8/09/01	1 Hour	"	5 gals	"
		8/16/01	1 Hour	"	11 gals	"
		9/19/01	1 Hour	"	9 gals	"
		9/20/01	1 Hour	"	10 gals	"
		9/24/01	1 Hour	"	10 gals	"
		11/6/01	1 Hour	"	12.3 gals	"
		11/28/01	1 Hour	"	18 gals	"
						1275 gals Total/2001
TA-36	HE Wood Waste	3/19/01	8 Hour Min.	Work Lexan and/or Plexiglass, Packing Mat'l etc.	260m ³ Wood 190 lbs Lexan, Plexiglass	Kerosene 10 gals
		10/15/01	"	"	235m ³ Wood 200 lbs Lexan, Plexiglass	Kerosene 10 gals

Los Alamos National Laboratory

ESH-17, Air Quality Group

P.O. Box 1663, Mail Stop J978

Los Alamos, New Mexico 87545

(505) 665-8855 / FAX: (505) 665-8858

Date: January 19, 2001

Refer to: ESH-17:01-034

Mr. John Volkerding
New Mexico Environment Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

Dear Mr. Volkerding:

Enclosed is the Los Alamos National Laboratory's (LANL) Fire Activity Open Burn Log for calendar year 2000. This notification is provided at your request and reports all open burn activities conducted at the LANL facility and approved in the Open Burn Permit AQB.97.214, effective August 18, 1997 through December 31, 2002. Prescribed burning will continue to be requested through separate permits but will be reported annually within this report.

All operational burns for 2000 were conducted within the terms specified in the permit. No prescribed burning occurred in 2000.

If you have any questions concerning this report, please contact me at (505) 665-1240.

Sincerely,



Leland Maez
Air Quality Engineer

LM:db

Enclosure: a/s

Cy:

M. Montoya, DX-DO, P915
T. Gunderson, DLDOPS, A100
K. Uher, DX-2, C920
L. Hatler, ESA-WMM, C930
F. Sisneros, ESH-7, P915
D. Hemphill, ESA-WMM, C930
R. Garcia, ESA-WMM, C930
P. Smith, ESA-MT, C931
D. Montoya, ESA-MT, C931
D. Macdonell, ESA-FM-ESH, C928

B. Olinger, ESA-WMM, C930
A. Sherrard, ESA-FM-ESH, C924
D. Woitte, LC/GL, A187
M. Cash, ESH-19, P915
S. Fong, DOE/LAAO, A316
D. Stavert, ESH-17, J978
H. Martinez, ESH-17, J978
ESH-17 File

FIRE ACTIVITY OPEN BURN LOG FOR CALENDAR YEAR 2000
ALL OPERATIONS UNDER PERMIT NO. AQB.97.214

Technical Area (TA)	Burn Type	Burn Date	Approximate Burn Duration	Fuel Type	Fuel Quantity	
TA-11	No Open Burn operations were conducted in CY 2000 at this location.					
TA-14 Burn Cage: Per Burn: Permit Limit of 50 lb HE Contaminated Combustible Waste					Kerosene Fuel (gal)	Waste (lb)
TA-14	HE Contaminated Waste	01/26/00	2 hours	HE contaminated waste from TA-9	0.25	10 lb
		11/07/00	"	Cellulose products, glass, plastic, steel, aluminum	0.25	26 lb
		11/28/00	"	"	0.25	35 lb
TA-16 Flashing Pad: Per Burn: Permit Limit of 1600 lb HE Contaminated Material					Propane Fuel (gal)	Waste (lb)
TA-16	Flashing Pad	01/04/00	10 min	HE contaminated rags, paper, etc.	4	50
		02/16/00	10 min	"	14	50
		02/18/00	20 min	"	14	50
		02/22/00	3 hours	soil	109	300
		3/01/200	"	HE contaminated rags, paper, etc.	27	50
		03/07/00	"	"	27	50
		03/13/00	"	"	27	50
		03/15/00	"	"	27	50
		03/24/00	10 min	"	27	35
		04/19/00	3 hours	"	27	50
		05/01/00	"	scrap metal	54	355
		08/22/00	10 min	HE contaminated rags, paper, etc.	1	50
		09/19/00	"	"	27	50
		10/17/00	"	"	27	50
		11/02/00	"	"	27	50
12/14/00	30 min	HE contaminated rags, paper, etc.	27	50		
12/14/00	"	"	27	50		
12/14/00	"	"	27	50		
11/06/00	"	"	27	50		
TA-16 Liquid Burn Tray: Per Burn: Permit Limit of 55 gal of HE Contaminated Oil and/or Dilute Solvents					Propane Fuel (gal)	Waste (gal)
TA-16	Liquid Burn Tray	02/15/00	2 hours	HE contaminated oil/dilute solvents	27	6
		02/29/00	"	"	82	30
		03/07/00	"	"	27	11
		03/24/00	"	"	27	10
		05/02/00	"	"	54	10
		08/18/00	"	"	54	25
		09/20/00	"	"	27	5
		09/20/00	"	"	27	4.5
		10/18/00	"	"	54	17
10/30/00	"	"	27	5		
TA-36	No Open Burn operations were conducted in CY 2000 at this location.					
Prescribed Burning	No Prescribed Burns were conducted in CY 2000.					

Los Alamos National Laboratory

ESH-17, Air Quality Group

P.O. Box 1663, Mail Stop J978

Los Alamos, New Mexico 87545

(505) 665-8855 / FAX: (505) 665-8858

Date: February 1, 2000
Refer to: ESH-17:00-067

Mr. John Volkerding
New Mexico Environment Department
Air Quality Bureau
2048 Galisteo Street
Santa Fe, NM 87505

Dear Mr. Volkerding:

Enclosed is the Los Alamos National Laboratory's (LANL) Fire Activity Open Burn Log for calendar year 1999. This notification is provided at your request and reports all open burn activities conducted at the LANL facility and approved in the Open Burn Permit AQB.97.214, effective August 18, 1997 through December 31, 2002. Prescribed burning will continue to be requested through separate permits but will be reported annually within this report.

All operational burns for 1999 were conducted within the terms specified in the permit. No prescribed burning occurred in 1999.

If you have any questions concerning this report, please contact me (505) 665-1240.

Sincerely,



Leland Maez
Air Quality Engineer

LM:db

Enclosure: a/s

Cy:

M. Montoya, DX-DO, MS P915
T. Gunderson, DLDOPS, A100
K. Uher, DX-2, MS C920
L. Hatler, ESA-WMM, MS C930
F. Sisneros, ESH-7/CON, MS P915
D. Hemphill, ESA-WMM, MS C930
P. Smith, ESA-MT, MS C931
D. Montoya, ESA-MT, MS C931
D. Macdonell, ESA-FM-ESH, MS C928
B. Olinger, ESA-WMM, MS C930
A. Sherrard, ESH-3, MS C924
D. Woitte, LC/GL, MS A187
M. Cash, ESH-19, MS P915

D. Stavert, ESH-17, MS J978
S. Fong, DOE/LAAO, MS A316
H. Martinez, ESH-17, MS J978
R. Garcia, ESA-WMM, MS C930
ESH-17 File

FIRE ACTIVITY OPEN BURN LOG FOR CALENDAR YEAR 1999
ALL OPERATIONS UNDER PERMIT NO. AQB.97.214

Technical Area (TA)	Burn Type	Burn Date	Approximate Burn Duration	Fuel Type	Fuel Quantity
TA-11	No Open Burn operations were conducted in 1999 at this location.				
TA-14	HE contaminated Waste	3/17/99	1 hour	Kimwipes, paper, rags, etc.	35 lb
		4/16/99	"	"	30 lb
		4/27/99	"	"	20 lb
		5/19/99	"	"	25 lb
		6/8/99	"	"	35 lb
		6/10/99	"	"	10 lb
		7/14/99	"	"	15 lb
		10/20/99	"	"	20 lb
		10/28/99	"	"	25 lb
11/15/99	"	"	30 lb		
TA-16	Flashing Pad	2/11/99	3 hours	Scrap wood, HE contaminated rags, paper, etc.	50 lb waste
		4/8/99	"	"	1500 lb wood; 50 lb waste
		7/15/99	"	"	1400 lb wood; 50 lb waste
		10/26/99	10 min	HE contaminated rags, paper, etc.	5 gal propane; 50 lb waste
		10/27/99	10 min	"	5 gal propane; 50 lb waste
		12/2/99	40 min	"	20 gal propane; 200 lb waste
		11/8/99	20 min	"	10 gal propane; 50 lb waste
		12/17/99	10 min	"	5 gal propane; 50 lb waste
TA-16	Liquid Burn Tray	2/4/99	2 hours	Scrap wood, HE contaminated oil/dilute solvents	500 lb wood; 55 gal liquid
		2/18/99	1 hour	HE contaminated oil/dilute solvents	55 gal liquid
		2/25/99	2 hours	Scrap wood, HE contaminated oil/dilute solvents	500 lb wood; 55 gal liquid
		6/19/99	"	"	500 lb wood; 20 gal liquid
		8/4/99	40 min	HE contaminated oil/dilute solvents	2 gal propane; 2 gal liquid
		8/5/99	"	"	2 gal propane; 5 gal liquid
		8/10/99	"	"	2 gal propane; 10 gal liquid
		8/11/99	"	"	2 gal propane; 5 gal liquid
		8/13/99	20 min	"	1 gal propane; 5 gal liquid
		8/30/99	"	"	1 gal propane; 2.5 gal liquid
		10/26/1999; 10/27/1999; and 11/09/1999	3 hours 20 min	"	"
11/10/99	"	"	"	10 gal propane; 12 gal liquid	
TA-36	HE Wood Waste	12/16/99	8 hours min.	Wood, Lexan and/or plexiglass, packing material, etc.	260 m ³ wood; 100 lb Lexan
Prescribed Burning	No Prescribed Burns were conducted in 1999				

Los Alamos National Laboratory

ESH-17, Air Quality Group

P.O. Box 1663, Mail Stop J978

Los Alamos, New Mexico 87545

(505) 665-8855 / FAX: (505) 665-8858

Date: February 23, 1999

Refer to: ESH-17:99-078

Ms. Vicky Komie
Air Quality Bureau
New Mexico Environment Department
2048 Galisteo
Santa Fe, NM 87505

Dear Ms. Komie:

Enclosed is Los Alamos National Laboratory's Fire Activity Report for calendar year 1998. This report includes all operational burns conducted at the facility and approved in Permit AQB.97.214. All operational burns for 1998 were conducted within the terms specified in the permit.

Prescribed burning, when conducted will continue to be requested separately but will be reported annually within this report. However, no prescribed burning occurred in 1998.

If you have any questions concerning this report, please contact me (505) 665-1240.

Sincerely,

Leland Maez
Air Quality Engineer

LM:db

Enclosure: a/s

Cy:

S. Fong, DOE/LAAO, A316

T. Gunderson, DLDOPS, A100

M. Montoya, DX-DO, MS P915

K. Uher, DX-2, MS C920

L. Hatler, ESA-WMM, MS C930

F. Sisneros, ESH-7/CON, MS P915

D. Hemphill, ESA-WMM, MS C930

Ms. Vicky Komie
ESH-17:99-078

-2-

February 23, 1999

P. Smith, ESA-MT, MS C931
D. Montoya, ESA-MT, MS C931
D. Macdonell, ESA-FM-ESH, MS C928
A. Sherrard, ESH-3, MS C924
D. Woitte, LC/GL, MS A187
M. Cash, ESH-19, MS P915
R. Garcia, ESA-WMM, MS C930
D. Stavert, ESH-17, MS J978
ESH-17 File

LOS ALAMOS NATIONAL LABORATORY'S 1998 FIRE ACTIVITY REPORT

<u>Technical Area (TA)</u>	<u>Burn Type</u>	<u>Burn Date</u>	<u>Approximate Burn Duration</u>	<u>Fuel Type</u>	<u>Fuel Quantity</u>
TA-11	No Open Burn operations were conducted in 1998 at this location.				
TA-14	HE contaminated Waste	04/16/98	1 hour	Kimwipes, paper, rags, etc.	40 lb
		05/04/98	"	"	35 lb
		08/05/98	"	"	35 lb
		12/03/98	"	"	35 lb
		12/15/98	"	"	40 lb
		12/17/98	"	"	25 lb
TA-16	Flashing Pad	02/26/98	3 hours	Scrap wood, HE contaminated rags, paper, etc.	1600 lb wood; 50 lb waste
		04/02/98	"	"	1200 lb wood; 45 lb waste
		04/30/98	"	"	1400 lb wood; 50 lb waste
		07/23/98	"	"	1500 lb wood; 45 lb waste
		09/24/98	"	"	1000 lb wood; 35 lb waste
		11/12/98	"	"	600 lb wood; 35 lb waste
		12/17/98	"	"	1200 lb wood; 50 lb waste
TA-16	Liquid Burn Tray	01/22/98	2 hours	Scrap wood, HE contaminated oil/dilute solvents	500 lb wood; 33 gal. liquid
		04/02/98	"	"	28 gal. liquid
		04/30/98	"	"	25 gal. liquid
		07/16/98	"	"	800 lb wood; 47 gal. liquid
		10/08/98	"	"	600 lb wood; 42 gal. liquid
		11/19/98	"	"	800 lb wood; 53 gal. liquid
TA-36	HE Wood Waste	03/10/98	8 hours min.	Wood, Lexan and/or plexiglass, packing material, etc.	259 m ³ wood; 130 lb Lexan/Plexiglass
		12/03/98	"	"	280 m ³ wood; 50 lb Lexan

Prescribed Burning No Prescribed Burns were conducted in 1998

CY 1997

Los Alamos National Laboratory

ESH-17, Air Quality Group

P.O. Box 1663, Mail Stop J978

Los Alamos, New Mexico 87545

(505) 665-8855 / FAX: (505) 665-8858

Date: May 20, 1998

Refer to: ESH-17:98-226

Mr. Filiberto Dominguez
Air Pollution Control Bureau
NMED/Air Pollution Control Bureau
2048 Galisteo
Santa Fe, NM 87505

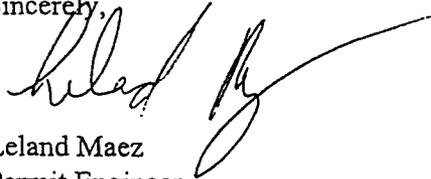
Dear Mr. Dominquez:

Enclosed is the Los Alamos National Laboratory's Fire Activity Open Burn Log for 1997. This notification is provided at your request and consists of all open burn activity conducted at the facility and approved in the Open Burn permit dated August 18, 1997 through December 31, 2002 (Permit No. AQB.97.214). Prescribed burning will continue to be requested separately, but reported annually within the Fire Activity Report.

All operational burns for 1997 were conducted within the terms specified in the permit. No prescribed burning took place in 1997.

If you have any questions concerning this report, please contact me at 665-1240.

Sincerely,



Leland Maez
Permit Engineer

Enc: a/s

Cy:

M. Montoya, DX-DO, MS P915

K. Uher, DX-2, C920

L. Hatler, ESA-WMM, MS C930

F. Sisneros, ESH-7/CON, MS P915

D. Hemphill, ESA-WMM, MS C930

P. Smith, ESA-MT, MS C931

D. Montoya, ESA-MT, MS C931

D. Macdonell, ESA-FM-ESH, MS C928

A. Sherrard, ESH-3, MS C924

D. Woitte, LC/GL, MS A187

S. Fong, DOE/LAAO, MS A314

ESH-17 File

FIRE ACTIVITY OPEN BURN LOG FOR 1997

Location Technical Area	Burn Type	Permit Number	Burn Date	Approximate Burn Duration	Fuel Type	Fuel Quantity	
<u>TA-11</u>	Wood Fire Test	No Open Burns were conducted in 1997 at this Technical Area					
<u>TA-14</u>	HE Contaminated Waste	AQB.97.125	03/06/97	1 hour	Kimwipes, paper, rags, etc.	30 lb	
		AQB.97.125	05/14/97			30 lb	
		AQB.97.125	08/07/97			30 lb	
		AQB.97.214	10/02/97			25 lb	
		AQB.97.214	11/19/97			35 lb	
<u>TA-16</u>	Flash Pad	APCB.PF.044	02/06/97	3 hours	scrap wood, HE contaminated rags, paper, etc.	1250 lb wood; 30 lb waste	
		APCB.PF.044	03/27/97			1600 lb wood; 50 lb waste	
		APCB.PF.044	06/13/97			1575 lb wood; 50 lb waste	
		AQB.97.214	09/11/97			1600 lb wood; 50 lb waste	
		AQB.97.214	11/20/97			1600 lb wood; 50 lb waste	
		AQB.97.214	12/18/97			1600 lb wood	
<u>TA-16</u>	Liquid Burn Tray	APCB.PF.044	01/30/97	2 hours	scrap wood, HE contaminated oil/dilute solvents	1600 lb wood ; 50 gal	
		APCB.PF.044	03/27/97			1600 lb wood ; 45 gal	
		APCB.PF.044	05/16/97			1600 lb wood ; 30 gal	
		AQB.97.214	10/02/97			1500 lb wood ; 50 gal	
		AQB.97.214	10/23/97			1000 lb wood ; 37 gal	
<u>TA-36</u>	HE Wood Waste	No Open Burns were conducted in 1997 at this Technical Area					
<u>Prescribed Burning</u>		No Prescribed Burns were conducted in 1997					