



Risk Reduction & Environmental Stewardship Division

Meteorology & Air Quality Group

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Date: February 20, 2004
Refer to: RRES-MAQ:04-063

Dr. John Volkerding
New Mexico Environment Department
Air Quality Bureau
Compliance Program Manager
2048 Galisteo St.
Santa Fe, NM 87505

Mr. Ned Jerabeck
New Mexico Environment Department
Air Quality Bureau
Title V Permitting
2048 Galisteo St.
Santa Fe, NM 87505

Gentlemen:

This letter is to formally notify you that Air Quality Permit 636 is no longer required for beryllium operations at the Los Alamos National Laboratory (LANL) Technical Area (TA) 3, Building 102. Therefore, LANL is surrendering Permit 636. In addition, this permitted operation should be removed from our draft Title V Operating Permit.

Air Quality Permit 636 was received from the Air Quality Bureau in March 1986. The permit was to construct and operate a beryllium machine shop in TA-3-102. The final beryllium machining activities were conducted in this facility in CY2000. No further regulated beryllium activities will occur in this facility; therefore, the permit is no longer needed.

If you have any questions or need additional information, please contact Steve Story at 665-2169 or Jackie Hurtle at 665-4380.

Sincerely,

Original signed by

Jean Dewart
Group Leader

SLS:db

Cy:

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RRES-MAQ Beryllium Permit #636 File
RRES-MAQ File

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

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

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TECHNICAL AREA	OPERATION	DATE/WEEK BURN EVENT	ACCUMULATIVE BURN DURATION	FUEL TYPE	FUEL QUANTITY	FIRE STARTER
		July 29, 2003 Sept. 02, 2003 Sept. 03, 2003 Sept. 15, 2003 Sept. 17, 2003 Sept. 18, 2003 Sept. 29, 2003 Oct. 20, 2003 Oct. 21, 2003 Oct. 22, 2003 Dec. 04, 2003	“ “ “ “ “ “ “ “ “ “ “	“ “ “ “ “ “ “ “ “ “ “	48 lbs. 150 lbs. 36 lbs. 110 lbs. 100 lbs. 90 lbs. 30 lbs. 137 lbs. 135 lbs. 20 lbs. 100 lbs.	“ “ “ “ “ “ “ “ “ “ “
		Total:			3064 lbs.	
	Flash Pad -- HE Contaminated Liquid	Feb. 03, 2003 Feb. 03, 2003 Feb. 04, 2003 Sept. 30, 2003 Oct. 01, 2003 Oct. 02, 2003 Dec. 02, 2003	½ Hour “ “ “ “ “	HE Contaminated Solvents “ “ “ “ “	10 Gals 0.25 Gals 15 Gals 10 Gals 15 Gals 17.1 Gals 15.25 Gals	Propane “ “ “ “ “
		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 				

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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>
	Annual Summary:	<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 				
	Permit Conditions	<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>				
	Annual Summary:	<i>No Burns 2003</i>				
Permit Conditions	<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 					