

TA 16

State of New Mexico

**ENVIRONMENT DEPARTMENT**

*Harold Runnels Building*

1190 St. Francis Drive, P.O. Box 26110

Santa Fe, New Mexico 87502

(505) 827-2850

JUDITH M. ESPINOSA  
SECRETARY

RON CURRY  
DEPUTY SECRETARY



BRUCE KING  
GOVERNOR

August 15, 1994

Dear Concerned Citizen:

Enclosed is a fact sheet regarding a Closure/Post Closure Care Plan that the Department of Energy (DOE)/Los Alamos National Laboratory (LANL) has provided for the New Mexico Environment Department (NMED). The Closure/Post Closure Care Plan is for the Material Disposal Area P (MDA-P) Landfill located in Technical Area 16 (TA-16) at Los Alamos National Laboratory. MDA-P Landfill was in operation from the early 1950's until November 8, 1984. LANL chose not to use the landfill after that date and did not seek a permit for this landfill under New Mexico's Resource Conservation and Recovery Act (RCRA) Permitting Program.

Copies of the Closure/Post Closure Care Plan are available for review at the offices of the NMED Hazardous and Radioactive Materials Bureau, P.O. Box 26110, 525 Camino de los Marquez, Santa Fe, New Mexico 87502 between the hours of 8:00 AM and 5:00 PM and at the Los Alamos National Laboratory Reading Room, MS C-314, 1450 Central Avenue, Los Alamos, New Mexico 87544 between the hours of 8:00 AM and 5:00 PM. If you wish to make comments on this Closure/Post Closure Care Plan, they must be in writing and be received by the NMED Hazardous and Radioactive Materials Bureau at the address mentioned above no later than September 13, 1994.

If you have any questions regarding this Closure/Post Closure Care Plan, please contact Robert S. (Stu) Dinwiddie at (505) 827-4308 or at the Santa Fe address given above.

Sincerely,

*Barbara Hoditschek*

Barbara Hoditschek

Program Manager

RCRA Permit Section

Hazardous and Radioactive Materials Bureau

Enclosure.

xc: File Red File



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**CLOSURE/POST CLOSURE CARE PLAN FACT SHEET**

for the

**Technical Area 16 (TA-16) Material Disposal Area P (MDA-P)  
Landfill Closure/Post Closure Care Plan**

**Department of Energy/Los Alamos National Laboratory**

Activities: Closure of a hazardous waste landfill under the New Mexico Hazardous Waste Act.

Los Alamos National Laboratory (LANL) operated a Material Disposal Area P (MDA-P) Landfill in Technical Area 16 (TA-16) from the early 1950s to 1984 as a Hazardous Waste Landfill. During that period of time MDA-P received different types of waste which included burn pad sand, construction (demolition) debris, as well as other waste containers. LANL discontinued use of the MDA-P Landfill prior to November 8, 1985 and has never sought a permit for its operation under the New Mexico Hazardous Waste Act.

Facility Name: Department of Energy/Los Alamos National Laboratory (DOE/LANL)

EPA I.D. No.: NM0890010515

Location: DOE/LANL is located in Los Alamos County new Mexico. Within DOE/LANL there are Material Disposal Area P Landfill is located in Los Alamos County, New Mexico, southwest of the city of Los Alamos, New Mexico. The site is in Technical Area 16 of Los Alamos National Laboratory on the southern edge of Cañon de Valle.

Unit Purpose: MDA-P Landfill received multiple waste types that have incomplete historical documentation. The following types of waste are known to have been deposited at MDA-P: burned high explosive waste residue, burning pad sand, thermal decomposition residue, flash burned explosive contaminated

equipment, waste water filter baskets, waste water sumps, structural steel, concrete blocks, construction debris from the demolition of World War II buildings that used to be in TA-16, small metal and glass containers up to 55-gallon drums.

Unit  
Description:

MDA-P Landfill is situated in a saddle of a short eastern-tending narrow mesa. The area impacted by the landfill is a half-ellipse roughly 170 feet north to south and 400 feet east to west. Estimated depth of waste varies from 12 to 14 feet with a cross sectional distance of 40 to 120 feet. Total surface area is approximately two acres. The total quantity of waste estimated to be in the MDA-P Landfill is 13,000 to 16,000 cubic yards. Waste was deposited in the landfill by dumping over the side of the canyon.

Draft Permit  
Availability:

A copy of the Closure/Post Closure Care Plan and the Fact Sheet is available for public review at the New Mexico Environment Department (NMED), Hazardous and Radioactive Materials Bureau (HRMB), 525 Camino de los Marquez, Santa Fe, New Mexico 87502 between the hours of 8:00 AM and 5:00 PM and the Los Alamos National Laboratory Reading Room, MS C-314, 1450 Central Avenue, Los Alamos, New Mexico 87544 between the hours of 8:00 AM and 5:00 PM. Written requests for hearing should include a statement of the nature of the issues proposed to be raised in the hearing and must include the requestor's name and address. Comments on the Closure/Post Closure Care Plan and written requests for hearing received by September 13, 1994 will be considered. NMED will publish a thirty day (30) notice if a public hearing, is scheduled.

Final Decision:

All comments received on the Closure/Post Closure Care Plan and Letter of Disapproval received during the public comment period will be considered by the Director in reaching a final Closure/Post Closure Care Plan decision. The NMED will notify DOE/LANL and each person who submitted a written comment, of any changes made in finalizing a decision on the Closure/Post Closure Care Plan.

LEGAL NOTICE NUMBER 71

NEW MEXICO ENVIRONMENT DEPARTMENT  
HAZARDOUS AND RADIOACTIVE MATERIALS BUREAU  
Santa Fe, New Mexico 87502

August 12, 1994

NOTICE OF INTENT TO

**Close Los Alamos National Laboratory's Technical Area 16 (TA-16)  
Material Disposal Area P (MDA-P) Landfill as proposed in the  
August 1993 Closure/Post Closure Care Plan application**

The State of New Mexico is authorized to operate a hazardous waste management program in lieu of the Federal program for those portions of the Resource Conservation and Recovery Act (RCRA) in effect prior to the enactment of the Hazardous and Solid Waste Amendments of 1984 (HSWA). The HSWA impose additional requirements on hazardous waste management facilities which will be administered by the U.S. Environmental Protection Agency (EPA) until the State of New Mexico receives additional authorization for those requirements.

Under authority of the New Mexico Hazardous Waste Act (Section 74-4-1 et. seq. NMSA 1978, as amended, 1989) and the New Mexico Hazardous Waste Management Regulations (HWMR-7), the New Mexico Environment Department (NMED) can approve or deny permit applications. NMED has received a Closure/Post Closure Care Plan application submitted by **Los Alamos National Laboratory, EPA Identification Number NM0890010515**, for the Closure/Post Closure Care Plan of Technical Area 16 (TA-16) Material Disposal Area P (MDA-P) Landfill.

Los Alamos National Laboratory is the contractor operated research facility under the administration of the Department of Energy located in Los Alamos County, New Mexico.

The administrative record for this Closure/Post Closure Care Plan consists of related correspondence, the Closure/Post Closure Care Plan application and a fact sheet. The administrative record, Closure/Post Closure Care Plan, Legal Notice and Fact Sheet may be reviewed at **NMED, Hazardous and Radioactive Materials Bureau, 525 Camino de los Marquez, Santa Fe, New Mexico 87502** between the hours of 8:00 AM and 5:00 PM. and at the **Los Alamos National Laboratory Reading Room, MS C-314, 1450 Central Avenue, Suite 101, Los Alamos, New Mexico 87544** between the hours of 8:00 AM and 5:00 PM. To obtain a copy of the administrative record or any part thereof, at 35 cents per page, please contact Mr. Robert S. (Stu) Dinwiddie at the above Santa Fe address or call (505) 827-4308.

Any person who wishes to comment upon the Closure/Post Closure Care Plan application or request a public hearing should submit written comment(s) and request, along with the commentor's name and address to the Santa Fe Address. Requests for a public hearing shall state the nature of the issues proposed to be raised in the hearing. Only comments and/or requests received by **September 19, 1994** will be considered. NMED will provide a thirty day (30) notice of the public hearing, if scheduled.

NMED must ensure that the approval or disapproval of a Closure/Post Closure Care Plan application is consistent with the New Mexico Hazardous Waste Management Regulations for operating permits. All written comments submitted on the Closure/Post Closure Care Plan application will be considered by the Director in formulating a final decision. NMED may approve or modify and approve the Closure/Post Closure Care Plan application based on the comments received. NMED will notify Department of Energy and Los Alamos National Laboratory and each person who submitted a written comment(s) during the public comment period of the final decision.

After consideration of all written comments received, NMED will approve or modify and approve, or deny the Closure/Post Closure Care Plan. If NMED modifies and accepts the Closure/Post Closure Care Plan, then NMED shall provide the Department of Energy and Los Alamos National Laboratory with a detailed written statement of reasons for the modification and the modified Closure/Post Closure Care Plan will become the approved Closure/Post Closure Care Plan. A copy of the modified Closure/Post Closure Care Plan with a detailed statement of the reasons for the modifications will be mailed to the Department of Energy and Los Alamos National Laboratory.