

ENTERED



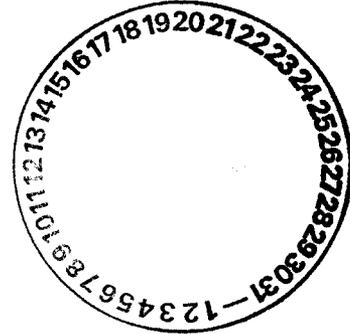
National Nuclear Security Administration
Sandia Site Office
P.O. Box 5400
Albuquerque, New Mexico 87185-5400



MAY 19 2008

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

Mr. James Bearzi,
Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Road East, Bldg. 1
Santa Fe, NM 87505



Dear Mr. Bearzi:

On behalf of the Department of Energy (DOE) and Sandia Corporation (Sandia), DOE is submitting the Solid Waste Management Unit (SWMU) Assessment Report for the Cable Debris Site at Sandia National Laboratories/New Mexico (SNL/NM). A notification of the discovery of this suspected SWMU was transmitted to you on March 21, 2008. Submittal of the SWMU Assessment Report is required under Section V of the Compliance Order on Consent for SNL/NM.

The debris pile is comprised primarily of cables but the origin of the debris is unknown at this time. A Voluntary Corrective Action Plan for this site is being prepared and will be submitted to you at least 15 days prior to any field work.

If you have any questions regarding this notification, please contact me at (505) 845-6036, or Dan Pellegrino of my staff at (505) 845-5398.

Sincerely,

Kimberly A. Davis
Patty Wagner
Manager

Enclosure

cc w/enclosure:
W. Moats, NMED (Via Certified Mail)
L. King, EPA, Region 6 (Via Certified Mail)
T. Skibitski, NMED-OB
B. Birch, NMED-OB

SNL1230



MAR 19 2008

James Bearzi

(2)

cc w/o enclosure:

A. Blumberg, SNL/NM, Org. 11100, MS 0141
D. Miller, SNL/NM, Org 6765, MS 0718
P. Freshour, SNL/NM, Org. 6765, MS 1089
S. Griffith, SNL/NM, Org. 6765, MS 1089
M. Skelly, SNL/NM, Org. 6765, MS 1089
B. Langkopf, SNL/NM, Org. 6765, MS 1089
M. Davis, SNL/NM, Org. 6765, MS 1089
Records Center, SNL/NM, Org.6765, MS 1089
J. Estrada, SSO, MS 0184
T. Longo, HQ/GTN, NA-56

MAR 19 2008

**Solid Waste Management Unit Assessment Report for the Cable Debris Site at Sandia
National Laboratories/New Mexico**

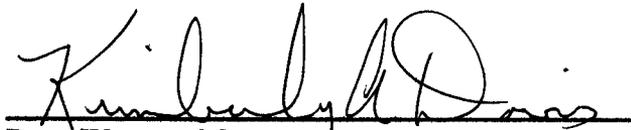
CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.



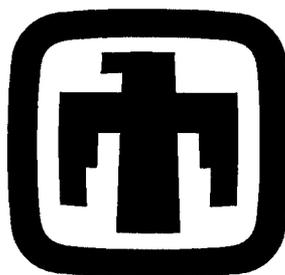
Michael W. Hazen, Vice President
Sandia Corporation
Albuquerque, New Mexico
Co-Operator

14 May 2008
Date signed



Patty Wagner, Manager
U.S. Department of Energy for
National Nuclear Security Administration
Sandia Site Office
Owner and Co-Operator

5/16/08
Date signed



Sandia National Laboratories/New Mexico

SWMU ASSESSMENT REPORT FOR LTES SITE 1—CABLE DEBRIS May 2008



United States Department of Energy
Sandia Site Office

Sandia is a multiprogram laboratory operated by Sandia Corporation, a wholly-owned subsidiary of Lockheed Martin Corporation, for the United States Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.

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ACRONYMS AND ABBREVIATIONS

DOE	Department of Energy
KAFB	Kirtland Air Force Base
NMED	New Mexico Environment Department
SAR	SWMU Assessment Report
SNL/NM	Sandia National Laboratories/New Mexico
SWMU	Solid Waste Management Unit
TA	Technical Area
VCA	Voluntary Corrective Action

1.0 INTRODUCTION

This document is the Solid Waste Management Unit (SWMU) Assessment Report (SAR) for the Sandia National Laboratories/New Mexico (SNL/NM) Technical Area (TA) III Cable Debris Site, as required under Section V of the Compliance Order on Consent between the United States Department of Energy (DOE), Sandia Corporation (Sandia), and the New Mexico Environment Department (NMED). The DOE and Sandia notified the NMED of this suspected SWMU on March 20, 2008. This SAR addresses all available information for the Cable Debris site, including its location, a general description, the operational dates, waste characteristics, and a summary of analytical data.

2.0 LOCATION AND SITE DESCRIPTION

The Cable Debris Site is located within the boundaries of Kirtland Air Force Base (KAFB) (Figure 2-1) in TA-III of SNL/NM on KAFB land permitted to the DOE. The current and future land use at the site is industrial. The Cable Debris Site consists of surface debris piles within a surge basin. A surge basin is part of a drainage system in the local vicinity that provides additional storage and retention of water during heavy rainfall or flood events. The surge basin is a circular depression approximately 1.3 acres in size (Figure 2-2).

Three of the debris piles are primarily comprised of metal cables with other metal debris, including rebar, steel pipe, tubes, weldments, welded steel fixtures, spent rocket motors and powder actuated cable cutter(s). The remaining two piles in the surge basin are comprised primarily of concrete rubble and rebar; one of these piles is located on the edge of the basin. In addition, there are five smaller debris piles directly east of the surge basin which are primarily comprised of small cobbles, fill dirt and some minor solid waste that includes paper, plastic, and small metal debris. Based upon visual inspection, there is no indication that these piles contain anything other than minor solid waste — no soil staining or other signs of contamination were observed.

The area surrounding the surge basin is generally flat with a gentle slope to the southwest. No major arroyo channels occur in the area. Precipitation is low in the region (approximately 8 inches per year) and surface runoff is minimal. Vegetation primarily consists of desert grasses, cacti, and tumbleweeds.