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APR 2000
RECEIVED

Date: April 3, 2000
 Refer to: E/ER:00-074

Mr. John Kieling
 NMED-HRMB
 P.O. Box 26110
 Santa Fe, NM 87502

SUBJECT: TRANSMITTAL OF RESPONSE TO REQUEST FOR SUPPLEMENTAL INFORMATION FOR THE CLOSURE PLAN FOR TECHNICAL AREA (TA)-16-387 FLASH PAD

Dear Mr. Kieling:

Enclosed are three copies of the Los Alamos National Laboratory Environmental Restoration (ER) Project's response to the Request for Supplemental Information (RSI) for the Closure Plan for the TA-16-387 Flash Pad. The New Mexico Environment Department's RSI addresses three documents associated with the Technical Area (TA)-16 Burn Ground: the Sampling and Analysis Plan (SAP) for Material Disposal Area (MDA) P, the Voluntary Corrective Action (VCA) Plan for Potential Release Site (PRS) 16-016(c)-99, and the Closure Plan for the TA-16-387 Flash Pad. Per your recommendation at the March 22, 2000, monthly meeting for expediting approval of the Closure Plan, this RSI response addresses the specific comments on the Closure Plan for the TA-16-387 Flash Pad. The ER Project will respond to the comments associated with the SAP for MDA P and the VCA Plan for PRS 16-016(c)-99 under a separate cover.

If you have any questions, please call Dave McInroy at (505) 667-0819 or Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa, Program Manager
 Los Alamos National Laboratory
 Environmental Restoration

Sincerely,

Theodore J. Taylor, Program Manager
 Department of Energy
 Los Alamos Area Office

JC/TT/NR/jml



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RED LAMC TA-16/100

TA 16

TR

Enclosure: RSI Response for the Closure Plan for the TA-16-387 Flash Pad

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**Response to
Request for Supplemental Information (RSI) for MDA P (PRS 16-018) [Phase II] SAP,
VCA Plan for PRS 16-016(c)-99, and TA-16-387 Closure Plan
Los Alamos National Laboratory NM08900101515
HRMB-LANL-99-001**

INTRODUCTION

Per the New Mexico Environment Department Hazardous and Radioactive Material Bureau's (NMED HRMB's) recommendation for expediting approval of the closure plan, this RSI response addresses NMED HRMB's specific comments on the closure plan for the TA-16-387 Flash Pad. LANL will respond to NMED HRMB's comments associated with Sampling and Analysis Plan (SAP) for MDA P and the Voluntary Corrective Action (VCA) Plan for Potential Release Site (PRS) 16-016(c) under separate cover. To facilitate review of this response, NMED's comments are included verbatim and Los Alamos National Laboratory's (LANL's) response follow each comment.

SPECIFIC COMMENTS ON THE CLOSURE PLAN FOR TA-16-387

1. §2.2.1, page 7, paragraph 1, Phase I Activities:

LANL statement: "One composite sample per container will be collected in accordance with ER-SOP-6.16..."

NMED Comment: *"Container" is not defined. Please specify size and type of container.*

LANL Response

1. LANL anticipates that no more than 2000 gal. of decontamination water will be generated during closure activities. Decontamination water will be stored in a portable container, such as an above-ground polyethylene storage container or Frac Tank®, that will be placed within a lined, bermed area at the site.

2. §2.2.1, page 8, paragraph 2, Phase I Activities:

LANL statement: "The primary PRGs are 530 mg/kg for 2,4,6-Trinitrotoluene (2,4,6-TNT), 270 mg/kg for Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX), 2,000 mg/kg for barium, and 2,000 mg/kg for lead.

NMED Comment: *PRG values are not consistent between documents. See General Comment No. 3 and Specific Comment No. 4 above.*

LANL Response

2. LANL will use the Environmental Protection Agency's Region 6 Medium-Specific Screening Levels (MSSLs) (June 1999). The primary MSSLs are 58 mg/kg for 2,4,6-Trinitrotoluene (2,4,6-TNT), 16 mg/kg for Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX), and 2000 mg/kg for lead. Although the MSSL for barium is 10,000 mg/kg, the screening level proposed for all three sites in the area is 2000 mg/kg, as discussed in the SAP for MDA P, Section 3.1, Data Quality Objectives (page 29, paragraph 2).