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 Los Alamos, New Mexico 87545  
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U. S. Department of Energy  
 Los Alamos Area Office, MS A316  
 Environmental Restoration Program  
 Los Alamos, New Mexico 87544  
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*stu*

Date: April 16, 1997  
 Refer to: EM/ER:970111



Mr. Benito Garcia  
 NMED-HRMB  
 P.O. Box 26110  
 Santa Fe, NM 87502

**SUBJECT: RESPONSE TO THE NOD FOR THE RFI REPORT FOR TAs 8 AND 9, PRS C-8-010 (FORMER OPERABLE UNIT 1157)**

Dear Mr. Garcia:

Enclosed is a copy of the Los Alamos National Laboratory's response to your Bureau's Notice of Deficiency (NOD) concerning the Resource Conservation and Recovery Act Facility Investigation Report for potential release sites in Technical Areas 8 and 9, more particularly, PRS C-8-010. A certification form signed by the appropriate officials is also enclosed. The enclosed response repeats the comment from the NOD verbatim for convenience in reviewing.

Please contact Don Krier at (505) 665-7834 or Mike Gilgosch at (505) 667-5794, if you have any questions regarding the response to the NOD.

Sincerely,

*Jorg Jansen*  
 Jorg Jansen, Program Manager  
 LANL/ER Project

Sincerely,

*Theodore J. Taylor*  
 Theodore J. Taylor, Program Manager  
 DOE/LA00

JJ/TT/ss

Enclosures: (1) Response to the NOD for RFI Report for TAs 8 and 9, PRS C-8-010  
 (2) Certification

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Cy (w/ encs.):

S. Dinwiddie, NMED-HRMB  
D. Griswold, AL-ERD, MS A906  
M. Gilgosch, LAAO, MS A316  
J. Harry, EES-5, MS M992  
D. Krier, EES-1, MS D462  
M. Leavitt, NMED-GWQB  
N. Naraine, DOE-HQ, EM-453  
D. Neleigh, EPA, R.6, 6PD-N (2 copies)  
J. Parker, NMED-OB  
C. Rodriguez, CIO, MS M769  
G. Saums, NMED-SWQB  
T. Taylor, LAAO, MS A316  
J. White, ESH-19, MS K498  
S. Yanicak, NMED-AIP, MS J993  
EM/ER CT# C242, MS M992  
RPF, MS M707

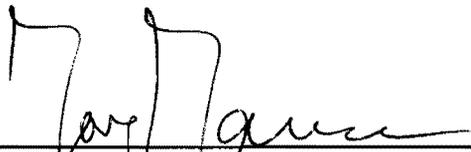
Cy (w/o encs.):

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M. Johansen, LAAO, MS A316  
K. Zamora, LAAO, MS A316  
EM/ER File, MS M992

## CERTIFICATION

I certify under penalty of law that these documents and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 and imprisonment for knowing violation.

Document Title: RESPONSE TO THE NOD FOR REI REPORT FOR TAs 8 AND 9,  
PRS C-0-8-010 (FORMER OPERABLE UNIT 1157)

Name:  Date: 4-17-97  
Jorg Jansen, Program Manager  
Environmental Restoration Project  
Los Alamos National Laboratory

or

Tom Baca, Program Director  
Environmental Management  
Los Alamos National Laboratory

Name:  Date: 4/17/97  
Mathew Johansen,  
Acting Assistant Area Manager of  
Environment Projects  
DOE-Los Alamos Area Office

or

Theodore J. Taylor, Program Manager  
Environmental Restoration Program  
DOE-Los Alamos Area Office

**RESPONSE TO NOTICE OF DEFICIENCY FOR LOS ALAMOS NATIONAL  
LABORATORY RCRA FACILITY INVESTIGATION REPORT POTENTIAL  
RELEASE SITE C-8-010 IN TECHNICAL AREA 8**

**NMED COMMENT, PRS C-8-010:**

Page 84, 1st paragraph: The two samples AAB0888 and AAB0890 were taken at depths of 0.67 - 1 ft and 0.75 - 1.25 ft for VOC analysis and SVOC analysis respectively. However, according to the LANL's Response to NMED/EPA Notice of Deficiency for Operable Unit 1157, LANL shall take samples to a depth of 24 inches, not at the above mentioned depth. LANL shall re-sample this site at the depth stated in NMED/EPA approved work plan. (Best Professional Judgment)

**LANL RESPONSE:**

LANL's May 20, 1994 response to the Notice of Deficiency on the OU 1157 RFI Work Plan indicated that although the depth of sediments in the area of the drum storage site had not been defined, a reasonable estimate of the sample collection depth for VOCs was 24 inches. However, LANL's response also stated that soil sampling would continue down to the tuff surface at 1 foot depth intervals as long as field monitoring instruments continued to detect potential contaminants of concern. When the sampling was conducted, the upper 8 to 9 inches of soil was found to consist of a loose, silty material of apparent recent deposition. A clay soil was found beginning at depths of 8 to 9 inches and tuff was encountered at 12 to 15 inches. A photo-ionization meter, used during the sampling, did not detect the presence of any organic vapors. Therefore, samples were collected of the clay material at the depths specified in the RFI Report (i.e., 0.67 - 1 ft and 0.75 - 1.25 ft). The chosen sampling depths are consistent with the statements made in LANL's May 20, 1994 response. Since the analytical results of the sampling indicate there are no contaminants of potential concern are present at this site, LANL believes the drum storage site has been adequately characterized and requests that the requirement for further investigation be rescinded and that no further action be taken with C-8-010.