

TA21



Los Alamos National Laboratory/University of California
Environmental Stewardship (ENV)
Environmental Remediation & Surveillance Program (ERS), MS M992
Los Alamos, New Mexico 87545
(505) 667-0469/FAX (505) 665-4747

National Nuclear Security Administration
Los Alamos Site Office, MS A316
Environmental Restoration Program
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: November 10, 2005
Refer to: ER2005-0853

Mr. James Bearzi
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

**SUBJECT: REQUEST FOR CERTIFICATES OF COMPLETION FOR SOLID WASTE
MANAGEMENT UNITS (SWMUS) 21-011(k) and 46-003(h)**



Dear Mr. Bearzi:

In accordance with the March 1, 2005, Compliance Order on Consent (Consent Order), the Los Alamos National Laboratory/University of California and the Department of Energy are requesting Certificates of Completion for SWMUs 21-011(k), an inactive outfall, and 46-003(h), a small area of soil contamination below a former sink drainpipe. Because the reports for each of these sites were submitted to the New Mexico Environment Department prior to the effective date of the Consent Order, neither report contained a request for a Certificate of Completion for the site being reported.

The approval for 21-011(k) was granted in your August 8, 2005, letter *Re: Approval of the Voluntary Corrective Measure Completion Report for Solid Waste Management Unit 21-011(k) at Technical Area 21 (HWB-LANL-03-025)*.

The approval for 46-003(h) was granted in your January 14, 2003, letter *Subject: Approval of Voluntary Corrective Action Report for Solid Waste Management Unit 46-003(h) at Technical Area 46 (HWB-LANL-02-026)*.

For your convenience, both approval letters are enclosed. Please contact Linda Nonno of the Laboratory's Environmental Characterization and Remediation Group at (505) 665-0725 (lnonno@lanl.gov) should you have any questions.

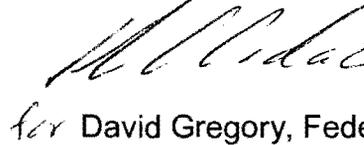


Sincerely,



David McInroy, Deputy Program Director
Environmental Remediation & Surveillance
Los Alamos National Laboratory

Sincerely,



for David Gregory, Federal Project Director
Department of Energy
Los Alamos Site Office

LN/jk

Enclosures: August 8, 2005, approval letter for SWMU 21-011(k)
January 14, 2003, approval letter for SWMU 46-003(h)

Cy:(w/enc)

D. Gregory, DOE LASO, MS A316
L. King, EPA Region 6
P. Reneau, ENV-ECR, MS M992
ENV-ECR File, MS M992
RPF, MS M707

Cy:(w/o enc)

A. Dorries, ENV-ECR, MS M992
D. McInroy, ENV-ERS, MS M992
B. Rich, ADTS, MS A104
L. Woodworth, DOE LASO, MS A316
D. Pepe, NMED-OB
IM-9, MS A150



BILL RICHARDSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

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RON CURRY
SECRETARY

DERRITH WATCHMAN-MOORE
DEPUTY SECRETARY

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

August 8, 2005

05 AUG - 9 PM 1:31

David Gregory, Federal Project Director
Los Alamos Site Office
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, NM 87544

Robert W. Kuckuck, Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, NM 87545

**RE: APPROVAL OF THE VOLUNTARY CORRECTIVE MEASURE COMPLETION
REPORT FOR SOLID WASTE MANAGEMENT UNIT 21-011(K) AT
TECHNICAL AREA 21
LOS ALAMOS NATIONAL LABORATORY (LANL), EPA ID #NM0890010515
HWB-LANL-03-025**

Messrs. Gregory and Kuckuck:

The New Mexico Environment Department (NMED) is in receipt of the United States Department of Energy and the Regents of the University of California's (collectively, the "Permittees") *Response to the Notice of Disapproval for the Voluntary Corrective Measure Completion Report for Solid Waste Management Unit 21-011(k) at Technical Area 21*, dated July 7, 2005 and referenced by LA-UR-05-4991/ER2005-0455. NMED hereby approves the aforementioned report.

NMED notes that without analytical data, the Permittees cannot be certain that "[i]n removing the primary radionuclides...other radionuclides such as tritium, uranium-234, and uranium-235, were also removed" in the 1996 Interim Action (IA). The Permittees do not provide a basis for their assumption that tritium, uranium-234, and uranium-235 are co-located with isotopic plutonium, strontium-90, cesium-137, and americium-241. In any event, co-location cannot be considered a legitimate justification for a lack of sampling and analysis. Nevertheless, NMED

Messrs. Gregory and Nanos
August 8, 2005
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agrees that the Permittees have achieved the clean-up levels required in the approved Voluntary Corrective Measure (VCM) Work Plan. In the future, the Permittees must complete a full analytical suite on all samples to ensure the absence of any residual contamination at a site.

Should you have any questions, please contact Kathryn Chamberlain at (505) 428-2546.

Sincerely,



James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:kc

cc: D. Goering, NMED HWB
K. Chamberlain, NMED HWB
J. Volkerding, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
J. Ordaz, DOE LASO, MS A316
K. Hargis, LANL RRES/DO, MS M591
N. Quintana, LANL E/ER, MS M992
D. McInroy, LANL E/ER, MS M992
file: Reading and LANL TA-21 '05 (SWMU 21-011(k))



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DERRITH WATCHMAN-MOORE
DEPUTY SECRETARY

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED

January 14, 2003

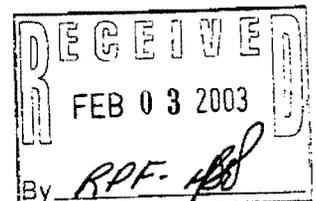
Dr. John C. Browne, Director
Los Alamos National Laboratory
P.O. Box 1663, Mail Stop A100
Los Alamos, New Mexico 87545

Mr. Everett Trollinger, Project Manager
Office of Los Alamos Site Operations
Department of Energy
528 35th Street, Mail Stop A316
Los Alamos, New Mexico 87544

**SUBJECT: APPROVAL OF VOLUNTARY CORRECTIVE ACTION REPORT FOR
SOLID WASTE MANAGEMENT UNIT 46-003(h)
LOS ALAMOS NATIONAL LABORATORY EPA ID #: NM0890010515
TASK #: HWB-LANL-02-026**

Dear Dr. Browne and Mr. Trollinger:

The Los Alamos National Laboratory's (LANL) submitted a report entitled "Submittal of Voluntary Corrective Action (VCA) Report for Solid Waste Management Unit (SWMU) 46-003(h) at Technical Area (TA) 46" dated September 30, 2002 (referenced by ER2002-0685) to the New Mexico Environment Department (NMED). VCA activities were conducted at the site that resulted in the removal of contaminated soil. NMED has reviewed the report and concurs that residual concentrations at the site do not pose potential unacceptable risk to human health based on the residential scenario. The ecological screening assessment, after adjusting the hazard indices of various receptors for the area use factor, demonstrated that the residual concentrations do not pose potential risk to ecological receptors. NMED is approving the VCA Report and recommends that LANL request a permit modification to remove this SWMU from the Module VIII of the LANL RCRA Permit.



Dr. John C. Browne and Mr. Everett Trollinger
January 14, 2003
Page 2

If you have any questions, please contact Neelam Dhawan at (505) 428-2540.

Sincerely,



John Young
LANL Corrective Action Project Leader
Permits Management Program

JRY:nmd

cc: J. Bearzi, NMED HWB
N. Dhawan, NMED HWB
J. Davis, NMED SWQB
J. Parker, NMED DOE OB
S. Yanicak, NMED DOE OB, MS J993
L. King, EPA 6PD-N
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B. Ramsey, LANL RRES-DO MS J591
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~~D. McInroy~~, LANL RRES-ER, MS M992

File: Reading and HSWA LANL/TA 46