



*Environmental Protection Division
Water Quality & RCRA Group (ENV-RCRA)*
P.O. Box 1663, K404
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*National Nuclear Security Administration
Los Alamos Site Office, A316*
3747 West Jemez Road
Los Alamos, New Mexico 87545
(505) 667-5794/FAX (505) 667-5948

Date: January 12, 2012
Refer To: ENV-RCRA-12-0011

Mr. John E. Kieling
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505

Dear Mr. Kieling:

SUBJECT: RESPONSE TO REQUEST TO PROVIDE REFERENCES FROM THE LOS ALAMOS NATIONAL LABORATORY (LANL) PERMIT MODIFICATION REQUEST FOR TECHNICAL AREA 63 TRANSURANIC WASTE FACILITY (TWF) HAZARDOUS WASTE CONTAINER STORAGE UNIT, LANL HAZARDOUS WASTE FACILITY PERMIT, EPA ID No. NM0890010515

The purpose of this letter is to transmit the attached reference documentation to the New Mexico Environment Department - Hazardous Waste Bureau (NMED-HWB) as the response to a request by the Permits Management Section. The documents were listed in Section 6, *References*, of the above titled permit modification request for the TWF submitted on August 18, 2011.

The documents are being submitted in electronic format as suggested. They are contained on two electronic file discs included as attachments to this letter. Attachment 1 contains the majority of the files with LANL derived documents identified by LA-UR or other LANL numbers indicating they are available for public review. Several of the larger, commonly available documents (e.g., the LANL hazardous waste permit) are not included but website locations are given.

Attachment 2 contains excerpts from several National Fire Protection Association documents that are copyrighted and are therefore being submitted separately. The full list of documents included on each disk is also given.

Attachment 1 additionally contains a copy of the current LANL waste acceptance criteria (WAC) procedure as requested. The transuranic waste section of the WAC represents waste management requirements that are likely to also be in place for the TWF as the waste streams managed will be similar.

This submittal will also be posted to the LANL electronic and hard copy public reading rooms.

Please contact Mark Haagenstad at (505) 665-2014 of the Water Quality and RCRA Group (ENV-RCRA) if you have questions.

Sincerely,



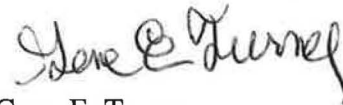
Gian Bacigalupa
RCRA Team
Water Quality & RCRA Group
Los Alamos National Laboratory

GB:GET/lm

Enclosures: a/s

Cy: Laurie King, USEPA/Region 6, Dallas TX, w/enc.
Steve Pullen, NMED-HWB, Santa Fe, NM, w/o enc.
George Rael, LASO-EO, w/o enc., A906
Gene Turner, LASO-EO, w/o enc., A316
Carl A. Beard, PADOPS, w/o enc., A102
Michael T. Brandt, ADESH, w/o enc., K491
Greg Juerling, MOF-PM2, w/o enc., M873
Mark Haagenstad, ENV-RCRA, w/o enc., K404
Gian Bacigalupa, ENV-RCRA, w/o enc., K404
ENV-RCRA File, w/enc., M704
LASO Records Center, w/enc., A316
IRM-RMMSO, w/enc., A150

Sincerely,



Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Los Alamos Site Office
National Nuclear Security Administration

ATTACHMENT 1
(Section 6 Documents-General)

CCP, 2010. CCP-TP-093, *CCP Sampling of TRU Waste Container*, Waste Isolation Pilot Plant, Carlsbad, New Mexico, 2010.

DOE, 1995. *DOE Methods for Evaluating Environmental and Waste Management Samples*, DOE/EM-0089T, Revision 2, prepared for the U.S. Department of Energy by Pacific Northwest Laboratory, Richland, Washington.

DOE, 2010. *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, DOE/WIPP-02-3122, Revision 7.0, US Department of Energy, Carlsbad Field Office, Carlsbad, NM.

EPA, 1998. *Module VIII: Special Conditions Pursuant to the 1984 Hazardous and Solid Waste Amendments to RCRA for Los Alamos National Laboratory*, EPA I.D. NM0890010515, effective date May 19, 1994, and December 23, 1998, U.S. Environmental Protection Agency, Region 6, Hazardous Waste Management Division, Dallas, Texas.

EPA, 1986 (and all approved updates). *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*, EPA-SW-846, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, U.S. Government Printing Office, Washington, D.C. Available at <http://www.epa.gov/epawaste/hazard/testmethods/sw846/online/index.htm>

EPA, 1994. *Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDf) – Background Information for Promulgated Organic Air Emission Standards for Tanks, Surface Impoundments and Containers*, EPA-453/R-94-076b, November 1994, U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, U.S. Government Printing Office, Washington, D.C.

EPA, 2002. *RCRA Waste Sampling Draft Technical Guidance Planning, Implementation, and Assessment*, EPA530-D-02-002, August 2002, Office of Solid Waste, U.S. Environmental Protection Agency, Washington, DC.

LANL, 1990. *Solid Waste Management Units Report*, Revision 1.0, LA-UR-90-3400, Los Alamos National Laboratory, Los Alamos, New Mexico. Volumes 1 through 4 included.

LANL, 2003. *Los Alamos National Laboratory General Part A Permit Application*, Revision 6.0 updated to 2009, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-09-04027.

LANL, 2003. *Los Alamos National Laboratory General Part B Permit Application*, Revision 2.0, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-03-5923.

LANL, 2006. *A Plan for the Management of the Cultural Heritage at Los Alamos National Laboratory, New Mexico*, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-04-8964.

LANL, 2007. *Investigation Report for the Middle Mortandad/Ten Site Aggregate*, Revision 1, EP2007-0379, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-07-4716.

LANL, 2008. CMRR Traffic Impact Analysis Study, Rev.0, 35554-009-08, Prepared for Los Alamos National Laboratory by Vigil Enterprises, Inc., September 30, 2008. LA-UR-11-12268.

- LANL, 2009/2010. *Water Level Data at LANL*, electronic database: Environment at LANL, Water, Monitoring, Compliance, and Risk Reduction, Los Alamos National Laboratory, Los Alamos, 2009/2010. Also available at <http://environweb.lanl.gov/water/levelDetail.asp?ULI=27261&Port=8741>
- LANL, 2011a. *TWF Storage Building Structural Design*, 11-001-SCAL-001. Prepared for Los Alamos National Laboratory by Weidlinger-Navarro JV Northern New Mexico, 2011. LA-UR-11-06979.
- LANL, 2011b. Specification Section 09 9600 *Special Coatings, Master Document List for the TA-63 TRU Waste Facility Project Phase B Design 11-001-LIST-001*. Prepared for Los Alamos National Laboratory by Weidlinger-Navarro JV Northern New Mexico, 2011. LA-UR-11-12301.
- McLin, S.G., M.E. van Eeckhout, and A. Earles, 2001. *Mapping 100-Year Floodplain Boundaries Following the Cerro Grande Wildfire*, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-01-5218.
- McLin, S. G., 1992. *Determination of 100-Year Floodplain Elevations at Los Alamos National Laboratory*, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-12195-MS.
- NIOSH, 1994. *The National Institute for Occupational Health and Safety (NIOSH) Manual of Analytical Methods*, 4th ed. Issue 1. 1994. Not included, available at <http://bookstore.gpo.gov/actions/GetPublication.do?stocknumber=917-011-00000-1>
- NMED 2010. *Los Alamos National Laboratory Hazardous Waste Facility Permit*, New Mexico Environment Department, Santa Fe, New Mexico. Not included, available at ftp://ftp.nmenv.state.nm.us/hwbdocs/HWB/lanl/permit/Permit/Nov_2010_Permit/
- Nyhan, J. W., L. W. Hacker, T. E. Calhoun, and D. L. Young, 1978. *Soil Survey of Los Alamos County, New Mexico*, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-6779-MS.
- WRCC, 2011. *Monthly Average Pan Evaporation (Inches)*, New Mexico, Western Regional Climate Center, Reno NV. Also available at <http://www.wrcc.dri.edu/htmlfiles/westevap.final.html#NEW%20MEXICO>
- Los Alamos National Laboratory Waste Acceptance Criteria*, Procedure P930-1, Rev. 3, September 2010, Los Alamos National Laboratory, Los Alamos, New Mexico. LA-UR-11-12221. Also included by request.

ATTACHMENT 2
(Section 6 Documents-Separate Copyrighted)

NFPA 13. *Standard for the Installation of Sprinkler Systems*, National Fire Protection Association, 2010 ed. Excerpts from scanned/paper copy

NFPA 72. *National Fire Alarm and Signaling Code*, National Fire Protection Association, 2010 ed. Excerpts from scanned/paper copy

NFPA 1144. *Standard for Reducing Structure Ignition Hazards from Wildland Fire*, National Fire Protection Association, Technical Committee on Forest and Rural Fire, 2008 ed. Excerpts from scanned/paper copy



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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

John E. Kieling

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A. Signature
 Agent
 Addressee

B. Received by (Printed Name)
Kristen Van Horn

C. Date of Delivery
1/13/12

D. Is delivery address different from item 1?
If YES, enter delivery address below:
 Yes
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3. Service Type
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4. Restricted Delivery? (Extra Fee) Yes

2. Article Number
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12-0011

Special Instruction Sheet (SIS) Form Instruction

Special Instruction Sheet	
This is a placeholder page for a record that cannot be scanned or would lose meaning or content if scanned. The record can be requested through ep_records@lanl.gov .	
1. Record Date 01/12/2012	2. ERID Number Attached to: ERID-209696
3. Title/Description MULTIPLE COPYRIGHT PROTECTED REFERENCES WITHIN RECORD – ATTACHMENT 2: NFPA 13 – STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2010 EDITION NFPA 72 – NATIONAL FIRE ALARM AND SIGNALING CODE, 2010 EDITION NFPA 1144 – STANDARD FOR REDUCING STRUCTURE IGNITION HAZARDS FROM WILDLAND FIRE, 2008 EDITION	4. No Restrictions <input type="checkbox"/> OUO <input type="checkbox"/> UCNI <input type="checkbox"/>
5. Media Type & Quantity NA	6. Software and Version required to read media NA
7. Remarks COPYRIGHT PROTECTED REFERENCES – ATTACHMENT 2 FOR LETTER ENV-RCRA-12-0011. THIS RECORD HAS A PLACEHOLDER (SIS) FOR THE COPYRIGHT REFERENCES USED IN THIS RECORD.	