

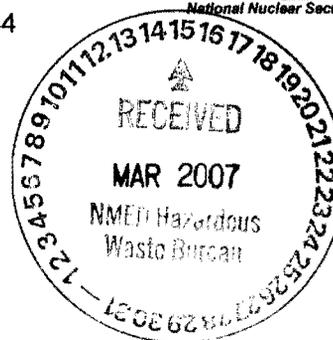


TA50

DEPARTMENT OF ENERGY
National Nuclear Security Administration
Los Alamos Site Office
Los Alamos, New Mexico 87544



MAR 15 2007



John Kieling, Manager
RCRA Permits Management Program
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: Transmittal of Class 1 Permit Modification to Figure 12, *Container Storage at Technical Area 50, Building 69 (Outdoor Area Container Storage Unit)*, of the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit, EPA ID NM0890010515-1

Dear Mr. Kieling:

This letter transmits a Class 1 permit modification to the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB) for the Department of Energy (DOE) and Los Alamos National Security, LLC (LANS). This modification has been prepared in accordance with the New Mexico Administrative Code, Title 20, Chapter 4, Part 1 (20.4.1.900 NMAC) (incorporating Code of Federal Regulations [CFR], Title 40 § 270.42(a)(1)), revised October 1, 2003. The enclosed permit modification package includes a revised Figure 12 for insertion into the LANL Hazardous Waste Facility Permit. This revision replaces and upgrades equipment with functionally equivalent components listed in Appendix I, Section A.3 of 20.4.1.900 NMAC (incorporating 40 CFR § 270.42). This modification does not change container management requirements or the storage capacity of the Technical Area 50, Building 69 (TA-50-69), Outdoor container storage unit.

Figure 12 has been modified to reflect the upgrade and replacement of the transportainers located within the TA-50-69, Outdoor container storage unit. The existing two (2) transportainers and one (1) metal shed will be replaced with two new transportainers, 40 feet (ft.) long x 8ft. wide x 8.5ft. high, made of rigid, welded metal construction (top, bottom, and sides), provided with latching doors (see enclosed manufacturer's specification sheets).

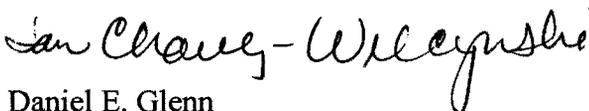
The Operating record is under review to determine whether any hazardous waste or constituents were spilled or released inside the transportainers or shed. The structures will also be evaluated for the presence of radiological contamination. If the structures have not been contaminated, they will be available for future use in a radiologically controlled area within the laboratory. Otherwise, they will either be decontaminated or managed as waste. This information will be maintained in the TA-50-69 operating record until final closure of the unit is completed. This modification is necessary to comply with the combustible loading limits as defined in *Technical Safety Requirements for Waste Characterization, Reduction, and Repackaging Facility (WCRRF)*, TA-50-69.



This change will be implemented between March 21, 2007 and March 30, 2007. Notification of this modification will be sent to the LANL facility mailing list maintained by NMED in accordance with 20.4.1.900 NMAC (incorporating 40 CFR § 270.42(a)(1)(ii)) within 90 days after the change has been completed.

Included herein are three hard copies and one electronic copy of this submittal. If you have any comments or questions regarding this submittal, please contact Gene Turner of my staff at (505) 667-5794, or Jack Ellvinger, LANS at (505) 667-0633.

Sincerely,



Daniel E. Glenn
Manager

EO: 2GT-030

Enclosures

cc w/enclosures:

Laurie King, Chief (6PD-N)
New Mexico/Federal Facilities Section
Environmental Protection Agency
Region 6 1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

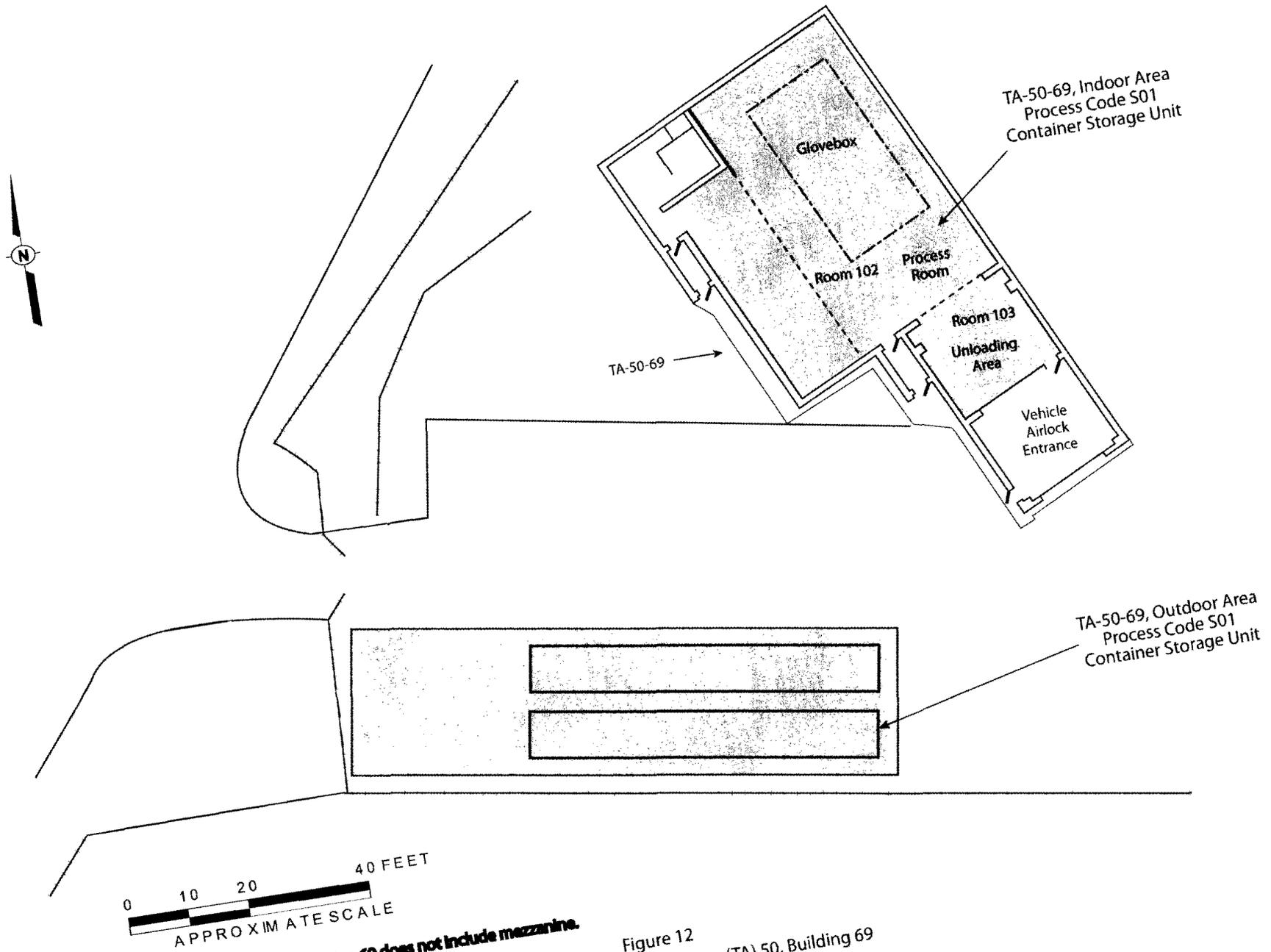
cc w/out enclosures:

James Bearzi, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

G. Turner, EO, LASO
L. Cummings, OC, LASO
R. Watkins, ADESH&Q, LANL, MS-K491
C. Mangeng, ADEP, LANL, MS-J591
K. Hargis, WS-DO, LANL, MS-J980
E. Louderbough, LC-LESH, LANL, MS-A187
S. Henry, ADESH&Q, LANL, MS-J910
M. Romero, WS-FWS, LANL, MS-J963
J. Ellvinger, ENV-RCRA, LANL, MS-K490
R. Alexander, EWMO-WMC, LANL, MS-E518
R. Lechel, ENV-RCRA, LANL, MS-J593
LASO Records Center

Figure 12
Class 1 Permit Modification to Figure 12, Container Storage at
Technical Area 50, Building 69 (TA-50-69), Outdoor Area Container
Storage Unit

LA-UR-07-1570

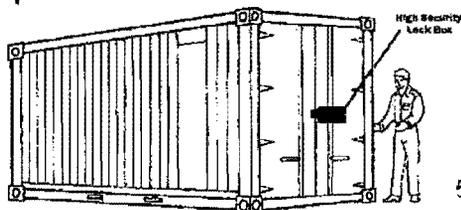


***Note: Container Storage Area in Building 69 does not include mezzanine.**

Figure 12
Container Storage at Technical Area (TA) 50, Building 69

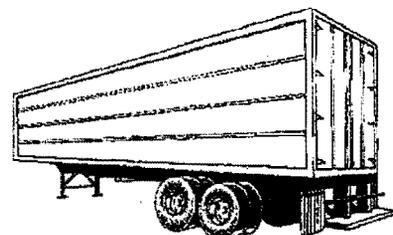
Attachment
Technical Area 50, Building 69 Transportainer Replacement
Specifications

LA-UR-07-1569



MALLOY MOBILE STORAGE

535 Comanche Rd., NE, Albuquerque, NM 87107
Phone 505.344.6123 Fax 505.344.3351
www.malloystorage.com



ESTIMATE

February 27, 2007

Los Alamos National Laboratory
Steve Clemins
Rob Wilde
Telephone: 231-8208
Email: RWilde@LANL.Gov

Re: Two (2) 40' New Storage Containers with Double Swing Doors on Both Ends

The following information is provided for your review.

- A. One (1) 8' X 40' NEW Steel Storage Container with Double Swing Cargo Doors on Both Ends
- B. Remove Wood Flooring and Sealant around edges
- C. Install 1/4" Steel Plate
Stitch Weld Butt Joints and Caulk outer edges with Fire Rated Caulking
Place Flat strap under all Butt Joints
- D. Remove Plastic Side Vents and Install All Steel Vents With Fire Rated Caulking only
- E. Remove Caulking on Inside of Container Partial Removal:
- F. Paint Steel Floor with Epoxy Paint

Please call if you have any questions.

Purpose

The purpose of this procurement specification is to provide the information necessary to allow the procurement of two commercial grade transport/storage intermodal containers for deployment at the TA-50-69 site. These containers will provide storage space TRU Waste Containers while they reside at the Waste Characterization Reduction and Repackaging Facility (WCRRF).

Technical Specification

The following items are identified as the minimum requirements that must be incorporated into the containers to meet the owner's needs. Not included are those technical requirements for such containers published by the Standards organizations which are recognized as the Authority for such products.

- 1) Two single containers required.
- 2) No combustible materials shall make up any part of the construction except for door sealing gaskets.
- 3) Length = 40 feet, standard 8 feet wide and 8.5 feet tall.
- 4) Sidewalls and roof shall be minimum 14 gauge corrugated steel.
- 5) All joints and seams shall be continuously welded (see #13 below for possible exception)
- 6) Two lockable double doors at each end.
- 7) One lockable 36 inch wide man door at or near the center of the container on one side
- 8) Design and construction shall be Commercial Grade, Intermodal containers
- 9) All non fire rated caulking will be removed from the transportainer.
- 10) Both the containers shall be new construction, never placed into service.
- 11) Flooring must be steel construction.
- 12) Flooring must be continuous and smooth
- 13) Floor seams along the sides and ends must be sealed with a fire rated caulk.
- 14) Floor butt joints will be stitch welded and ground smooth.
- 15) Flat strap will be placed and secured under all floor joints (both butt joints and outer edges.
- 16) Flooring will be finished so as to prevent corrosion.
- 17) Flooring must be able to support forty 55-gallon drums with an average weight of 400 lbs for a total weight of 16,000 lbs. Maximum single drum weight is 600 lbs.
- 18) Evidence will be provided to confirm new flooring will support loads as defined in #17 above.
- 19) Transportainers will be supported at four corners only.
- 20) Transportainers will be permanently sited. They will not be used to move cargo.
- 21) All vents will be steel and use fire rated caulking

CERTIFICATION

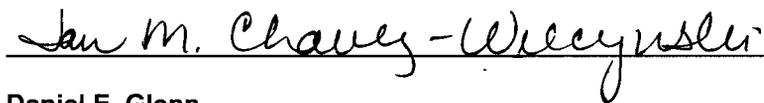
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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 and imprisonment for knowing violations.



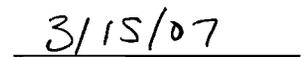
Richard S. Watkins
Associate Director
Environment, Safety, Health, & Quality
Los Alamos National Laboratory
Operator



Date Signed



 **Daniel E. Glenn**
Acting Manager, Los Alamos Site Office
National Nuclear Security Administration
U.S. Department of Energy
Owner/Operator



Date Signed