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Water Quality & RCRA Group (ENV-RCRA)*  
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Date: January 14, 2010  
Refer To: ENV-RCRA-10-015  
LA-CP: 10-00083

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

Dear Mr. Bearzi:

**SUBJECT: TRANSMITTAL OF FIGURES FOR TECHNICAL AREA 55 STORAGE TANK AND CEMENTATION UNITS**

The purpose of this letter is to transmit the two figures you requested on January 13, 2010 in support of development of the draft Los Alamos National Laboratory Hazardous Waste Facility Permit. The original closure plans developed for the units within Technical Area 55, Building PF-4, Room 401 did not contain figures because no sampling locations were proposed for the units. At the time of closure, both of these units will be disassembled and properly disposed of in accordance with waste requirements.

The enclosed figures are marked "UCNI" and contain Unclassified Controlled Nuclear Information (UCNI) with a Los Alamos Controlled Publication number (LA-CP-10-00083). They contain information that is not classified but is sensitive and is not to be distributed for review with the rest of the closure plan information. It is for the use of the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) and must be used and stored appropriately. If there are any questions as to what type of storage arrangements are required for UCNI information please contact us.



Please contact Jack Ellvinger at (505) 667-0633 of the Water Quality and RCRA Group (ENV-RCRA) if you have questions.

Sincerely,



for Anthony R. Grieggs  
Group Leader  
Water Quality & RCRA Group (ENV-RCRA)

ARG:LVH/lm

Enclosure: a/s

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IRM-RMMSO, w/enc., A150

**ENCLOSURE**

UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION

LA-CP-10-00083

Los Alamos Controlled Publication;  
distribution is limited.

<i>Title:</i>	Figures to be Included as Addendum for Closure Plans for Technical Area 55 Storage Tank Unit and Cementation Unit in the Los Alamos National Laboratory Hazardous Waste Facility Permit
<i>Author(s):</i>	ENV-RCRA
<i>Intended for:</i>	New Mexico Environment Department- Hazardous Waste Bureau

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DOCUMENT REVIEW

Unauthorized dissemination subject to civil and criminal sanctions under section 148 of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2168).

Reviewing Official: Jack Ellvinger

Date: 1/14/2010

Guidance Used: IG-LAF55-1

(List all UCNI guidance used)



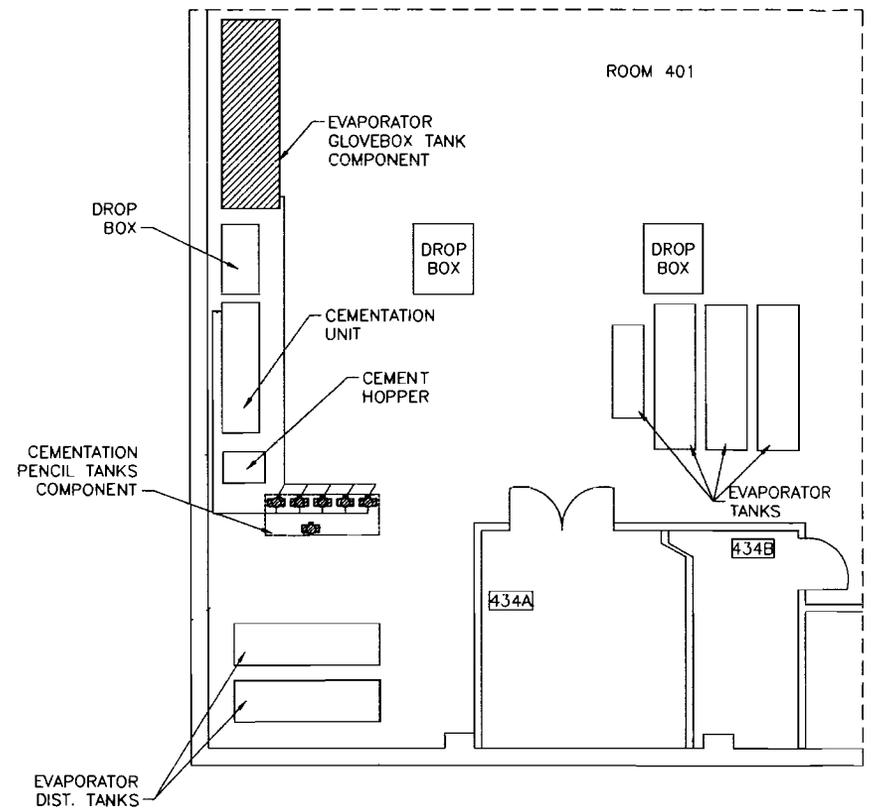
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Form 1756a (7/06)

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**GENERAL NOTES:**

1. ——— INDICATES PROCESS SKID.
2. ——— INDICATES PROCESS LINE.
3. ▨▨▨▨ INDICATES STORAGE TANK SYSTEM COMPONENTS.



STORAGE TANK SYSTEM COMPONENT	NUMBER OF TANKS	CAPACITY (GALLONS)	WASTE TYPE
EVAPORATOR GLOVEBOX TANK	1	71	LIQUID MIXED EVAPORATOR BOTTOMS
CEMENTATION UNIT PENCIL TANKS	5	13	LIQUID MIXED EVAPORATOR BOTTOMS

**STORAGE TANK SYSTEM GENERAL ARRANGEMENT DIAGRAM**  
SCALE: 1/8"=1'-0"

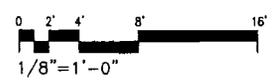


Figure G.23-1  
Storage Tank System  
General Arrangement Diagram

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LOS ALAMOS, NEW MEXICO 87545

**TA-55 STORAGE TANK SYSTEM**

GENERAL ARRANGEMENT DIAGRAM

BLDG. PF-4 TA-55

NO.	DATE	DRN	DES	CHKD	APP	REVISIONS

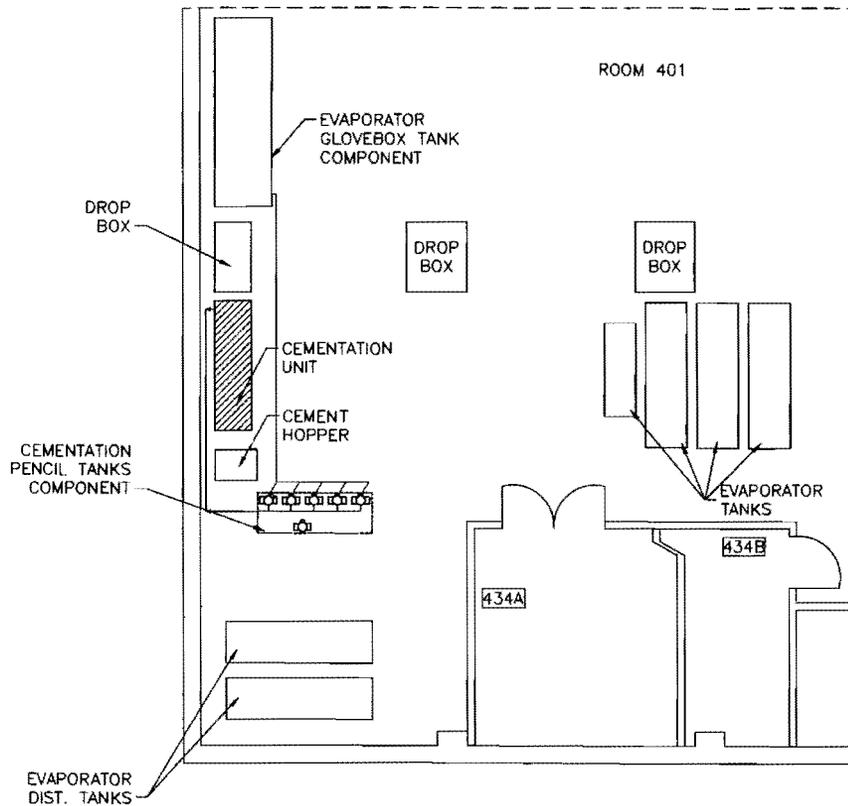
DESIGNED	J. GREY	4/26/00	CHECKED	J. GREY	7/24/03	APPROVED	J. GREY	1/24/04
DRAWN	A. MARTINEZ	7/24/03	SUBMITTED	J. GREY	7/24/03	SHEET NO.	H-1	1 OF 7
PROJECT ID	819592.29			ISSUED TO:	2			

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## GENERAL NOTES:

1.  INDICATES PROCESS SKID.
2.  INDICATES PROCESS LINE.
3.  INDICATES CEMENTATION UNIT.



WASTE MANAGEMENT UNIT	CAPACITY (GALLONS)	WASTE TYPES
CEMENTATION UNIT	150	SOLID/LIQUID HAZARDOUS AND MIXED WASTE

### CEMENTATION UNIT - GENERAL ARRANGEMENT DIAGRAM

SCALE: 1/8" = 1'-0"

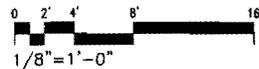


Figure G.24-1  
Cementation Unit  
General Arrangement Diagram

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		LOS ALAMOS		LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO 87540	
		TA-55 CEMENTATION UNIT			
		BLDG. PF-4		TA-55	
DESIGNED	A. GUYER	4/26/00	CHECKED	A. GUYER	7/24/01
DRAWN	A. MATHREZ	7/23/00	SUBMITTED	A. GUYER	7/24/01
PROJECT ID	819592.29		SUBMITTAL NO.		
			SHEET NO.	1 OF 6	REVISION NO.
					2

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