

# Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	Building 427 (including 427A)
Facility Descriptor:	Emergency Generator Building and Diesel Storage Tank for Building 444
Project:	RISS - Area 3, 444 Cluster, D&D - Type 1
Date of Demolition:	February 12, 2003
Additional Information:	See Attached
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

<b>Section B. Final Characterization Data</b>	
Reconnaissance Level Characterization Report <i>(concurrence received)</i>	Reconnaissance Level Characterization Report (RLCR) for Building 427 - Concurrence, Steven H. Gunderson to Joseph A. Legare, dated December 24, 2002, attached.
In-process Characterization	N/A
Pre-Demolition Survey Report <i>(approval received)</i>	N/A
Post-Demolition Survey Report <i>(as necessary)</i>	N/A

<b>Section C. Waste Data <i>(complete categories as appropriate)</i></b>	
<b>Sanitary Disposal</b>	
Disposal Site:	BFI, Tower Road Landfill, Commerce City, CO
Waste Volume (m <sup>3</sup> ):	29.9 cubic meters (estimate)
Waste Weight (tons):	5 tons (estimate)
Additional Information:	Above grade debris, slab will remain until B444 is demolished.
<b>Hazardous Disposal</b>	
Disposal Site:	Kettleman Hills Facility, Kettleman City, CA or Bethlehem Apparatus Co, Hellertown, PA
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	Fluorescent light bulbs and any other RCRA hazardous components were removed and taken to the RFCA temporary unit for combination with like waste streams for disposal.
<b>TSCA Waste Disposal</b>	
Disposal Site:	Salesco, Phoenix, AZ; Clean Harbors Deer Park, Deer Park, TX; or BFI Tower Road Landfill, Commerce City, CO
Waste Volume (m <sup>3</sup> ):	Minor amounts
Additional Information:	PCB ballasts were removed and packaged for disposal.
<b>Asbestos Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<b>Low-Level Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<b>Low-Level Mixed Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	N/A
Additional Information:	
<b>Recycled Material</b>	
Recycle Facility:	RFETS
Waste Volume (m <sup>3</sup> ):	Diesel fuel, approximately 5 gallons, reused onsite.
Additional Information:	Emergency generator day tank (NDT-2797) and diesel storage tank were visually inspected to ensure that any remaining product or residual material (sludge) was removed. Diesel storage tank 427A was disposed of as sanitary waste.

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# Type 1 Facility Closeout Report

Attachment 1

FEG-018-03

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<b>Property Disposition</b>	
<b>Receiver Locations (major items only):</b>	RFETS Integrated Logistical Services, Inc.
<b>Volume (m<sup>3</sup>):</b>	N/A
<b>Weight (tons):</b>	4.8 tons
<b>Additional Information:</b>	Emergency Generator (CAT 3412), Controls, and Day Tank (NDT 2797) met unrestricted release criteria and were sent to PU&D. The Emergency Generator was sold at public auction 3/14/03. The sale included the controls and day tank. See attached Invoice Detail Report.

<b>Section D. Approvals</b>		
Kaiser-Hill Project Manager	CJ FREEMAN / <i>[Signature]</i>	07/11/03
	Name/Signature	Date

# Type 1 Facility Closeout Report

Facility Number: Building 427

Facility Description: Emergency Generator Building and Diesel Storage Tank for Building 444

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## Physical Description:

Building 427 had approximately 312 square feet of floor space and was located near the southeast corner of Building 444. The Building housed an emergency generator, controls, and small day tank for diesel storage. The primary diesel storage tank for Building 427 (Tank 427A, aka Tank 068) was located directly north of Building 427 in a concrete berm.

Building 427 was constructed in 1975 and was approximately 16 feet long X 15 feet wide X 12 feet high at the roof eave. The facility was constructed with concrete block on a steel reinforced concrete slab-floor and had steel reinforced poured light-weight concrete flat roof.

## Description of Site Condition at End of Decommissioning:

Environmental media beneath and surrounding the facility was not within the scope of this Project and will be addressed at a future date under the scope of the ER RSOP. Removal of the concrete foundation and pad will be done during future D&D activities within the 444 Cluster. Areas beneath Building 427 and tank 427A will be included in Environmental Restoration's characterization of IHSS Group 400-3 (Building 444/447 cluster). Remediation activities, if required, will be conducted according to the Environmental Restoration RFCA Standard Operating Protocol (ER RSOP) for Soil Remediation.

## Additional Information:

Building 427 did not contain fire or domestic water feed lines, or sewer drain lines. No other utilities remain. No other structures beside the concrete foundation and pad remain. Environmental Restoration will address any UBC at a future date, as stated above.

Listed below are the databases that provide the administrative controls for waste package and area information, chemical management, storage tank management, and RISS environmental compliance tracking. These databases were updated to reflect the status of the building at the time of demolition/removal.

- Waste and Environmental Management System (WEMS),
- Chemical Tracking System (CTS),
- Tank Management System, and
- Environmental Compliance Action Tracking System (ECATS).



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Issued 12/02

CORRESPONDENCE CONTROL  
INCOMING LTR NO.

2003 JAN -6 P 2-27  
CORRESPONDENCE CONTROL

STATE OF COLORADO

20023 RFO 3

Bill Owens, Governor  
Douglas H. Benevento, Acting Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado

Laboratory and Radiation Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090



Colorado Department  
of Public Health  
and Environment

DATE  
ACTION

<http://www.cdphe.state.co.us>

December 24, 2002

Mr. Joseph A. Legare, Assistant Manager  
Environment and Stewardship  
U.S. Department of Energy, RFFO  
10808 Highway 93, Unit A  
Golden, CO 80403-8200

RE: RLCR for Buildings 427, 449, 449A, 449C, S449, 453, 454, and the 457 Pad at the Rocky Flats  
Environmental Technology Site (RFETS)

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (the "Division") has completed reviewing the *RFETS Reconnaissance Level Characterization Report (RLCR) for the 444 Cluster Closure Project Buildings 427, 449, 449A, 449C, S449, 453, 454 & 457 Pad (Revision 0, dated September 23, 2002)*. On December 11, 2002, Division representatives toured these facilities accompanied by RFETS personnel. The Division has also reviewed the revised pages to the RLCR submitted via e-mail on December 17, 2002. In accordance with Section 3.3.4 of the *Decommissioning Program Plan*, the Division hereby concurs with the determination that Buildings 427, 449, 449C, S449, 454 and the 457 Pad are Type 1 facilities. Additionally, the Division concurs that Buildings 449A and 453 are Type 2 facilities. In accordance with the protocols approved per the final Rocky Flats Cleanup Agreement (RFCA), activities in these facilities involving decontamination, the removal of facility components, and demolition will need to follow the proper notification procedures, work control practices, and the RFCA consultative process. Additional characterization of the attic portion of Building 449A will be necessary before the Pre-Demolition Survey (PDS) of this facility can be considered complete. However, the connex container incorporated into the western portion of Building 449A may be removed for use as a beryllium waste container without additional characterization or decontamination, as long as the other portions of Building 449A are not disturbed. If you have any questions regarding this matter please contact James Hindman at (303) 692-3345.

Sincerely,

*Steven H. Gunderson*  
Steven H. Gunderson  
RFCA Project Coordinator

cc: S. Tower, DOE-RFFO  
C. Freiboth, Kaiser-Hill  
D. Shelton, Kaiser-Hill  
T. Rehder, EPA Region VIII  
D. Miller, AGO  
Administrative Records, Building T130G

DIST.	LTR	ENC
IGNAR, E.	X	
ROCKETT, G.		
ECK, C. A.	X	
EGENHART, K.		
PETER, T. J.		
PETERLE, S. E.		
ERRERA, D.W.	X	
ERRI, M.S.		
ERMAN, A. L.		
HACOMINI, J. J.		
HOM, J. H.		
HINDSAY, D. C.	X	
HONG, J. W.		
HUE, J. L.		
MARTINEZ, L.A.	X	
MAGEL, R. E.	X	
MORTH, K.	X	
MARKER, A.M.	X	
MOWERS, K.		
RODGERS, A. D.		
SHELTON, D.C.	X	
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N.R.	X	
WILLIAMS, J. L.		
REIBOTH, C.	X	
BROOKS, L.	X	

COR CONTROL	X	
ADMN RECORD	X	
PATS#130		

Reviewed for Addressee  
Corres. Control RFP

1/6/03  
Date By

Ref. Ltr. #

DOE ORDER #

5400-1

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Printed March 14, 2003 18:41

Rocky Mountain Estate Brokers Inc.  
Post Office Box 453  
LaPorte, CO 80535  
(970) 224-2050 [whitleyauction.com](http://whitleyauction.com)

Invoice Detail Report in Buyer Order - For Surplus Auction 3/14/03  
Tax Qty Price Extension Grp

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Lot Num	Description	Tax	Qty	Price	Extension	Grp
** CONTINUED **						
398	Misc. steel and electrical enclosures		Y	1	15.00	15.00
412	Chain, wire, straps, small motors and bronze bearings		Y	1	105.00	105.00
414	Misc. temporary electrical supplies		Y	1	75.00	75.00
415	Flex conduit		Y	1	60.00	60.00
417	Misc. Commercial electrical items "CRATE NOT INCLUDED"		Y	1	75.00	75.00
418	Misc. commercial electrical items		Y	1	40.00	40.00
421	PVC electrical fittings and accessories		Y	1	135.00	135.00
422	Misc. electrical		Y	1	45.00	45.00
424	Safety switches and misc.		Y	1	300.00	300.00
425	Misc. electrical		Y	1	45.00	45.00
454	Heater element and plastic tub		Y	1	40.00	40.00
471	Protective clothing and gloves		Y	1	85.00	85.00
472	Protective clothing and gloves		Y	1	75.00	75.00
479	Dayton pump		Y	1	80.00	80.00
482	Misc. electronics		Y	1	45.00	45.00
494	Relay rack panel		Y	1	10.00	10.00
495	Protective clothing		Y	1	55.00	55.00
510	Misc. electrical		Y	1	135.00	135.00
530	Desk lights		Y	1	25.00	25.00
	Payment - Check					1,878.06

# 398	Inv. # 100060 03/14/2003 Name Robinson Machine & D (970) 881-2980 Txble RR Resale# 41-28899	Drv. Lic. # 92-135-7980
Bought	145.00 GST Tax 0.00 Pres 0.00 CC/Exp 0.00 Paid 145.00 Due	0.00
310	Electrical controllers	30.00 30.00
338	Misc. motors and parts	20.00 20.00
408	Capacitors and Nicad Batteries	85.00 85.00
529	Kray lettering system	10.00 10.00
	Payment - Check	145.00

# 435	Inv. # 100020 03/14/2003 Name Kemp Stone (918) 825-3370 Txble RR Resale# 198447	Drv. Lic. # 88933446
Bought	39,700.00 GST Tax 0.00 Pres 0.00 CC/Exp 0.00 Paid 39,700.00 Due	0.00
219	David White ML-200 Laser Model #4370 with tripod	375.00 375.00
220	Self leveling remote control laser level with tripod	325.00 325.00
301	Generator, CAT 3412	39,000.00 39,000.00
	Payment - Check	39,700.00

# 437	Inv. # 100079 03/14/2003 Name Bruce Morehead (720) 890-7817 Txble TT Resale#	Drv. Lic. # 01-218-1294
Bought	75.00 GST Tax 5.72 Pres 0.00 CC/Exp 0.00 Paid 80.72 Due	0.00

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