

CORRES. CONTROL
OUTGOING LTR. NO.

05 WED 08:42 AM DOE MAIL CENTER

FAX NO. 303 966 4019

P. 0

DOE ORDER 4700.1

05-08:53 FAX
RECEIVED

B 559-A-000044

003

05-RF-00106

DIST.	LTR	ENC
ETER, T.J.		
ERRERA, D.W.	X	
INDSAY, D.C.		
ING, J.		
LE, J.L.		
MARTINEZ, L. A.		
MZUTO, V.M.		
MELTON, D.C.		
PEARS, M.S.		
JOR, N. R.		

FEB - 2 A 7 58



FEB. - 2 2005

05-RF-00106

AMERON, A.G.		
EAN, C.		
LARK, D.		
REIBOTH, C.		
IBBS, F.	X	
OLDEN, L.	X	X
MUMSTON, T.		
ENKINS, T.		
UESTA, S.	X	
PARSONS, D.		
MEMELT, K.		
PRIMROSE, A.	X	
INSINIGLER, H.		
SWARTZ, M.	X	X
CABLE, J.		
MININGER, R.		

Gary Morgan, Functional Lead
Cadre Project Management Division
DOE, RFPO

TRANSMITTAL OF THE BUILDING 559 - PRE-DEMOLITION SURVEY REPORT (PDSR)
DWF-009-05

Provided for your review and approval is the enclosed subject report for the 559 facility. This report characterizes the physical, chemical and radiological hazards associated with this facility, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results.

PDS results indicate that radiological contaminants exist in excess of the PDSP unrestricted release limits and fixatives were used to immobilize loose radiological contamination. Therefore, the entire building will be managed as LLW during demolition. All friable asbestos has been removed from the building, and all beryllium and RCRA/CERCLA samples were less than the PDSP unrestricted release limits. There are concrete masonry unit (CMU) cinderblock walls and floor tiles remaining in the building that will be removed and managed as LLW Non-Friable Category 1 Asbestos Containing Materials (ACM) during building demolition.

Based upon this PDSR and subject to concurrence by the CDPHE, this facility is acceptable for demolition. Please notify Kaiser-Hill when you transmit this document to CDPHE. If you have any questions, do not hesitate to call me or Duane Parsons at extension 6458.

CORRES. CONTROL	X	X
ADMIN RECRD/T130G	X	X
TRAFFIC		
PATS/130		

CLASSIFICATION:	
UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATURE:

Date:

IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:
 PARTIAL/OPEN
 CLOSED

LTR APPROVALS:

ORIG. & TYPYST INITIALS:
DLP:pvt

RF-48469 (Rev. 9/84)

Dennis W. Ferrera

Dennis W. Ferrera
Vice President and Project Manager
Remediation, Industrial D&D and Site Services

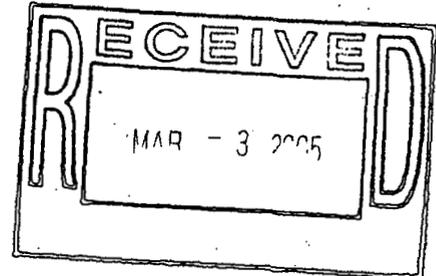
DLP:pvt

Enclosure:
As Stated

Orig. and 1 cc - G. Morgan

Kaiser-Hill Company, L.L.C.

Rocky Flats Environmental Technology Site, 10808 Highway 93, Unit B, T130F, Golden, CO 80403-8200 + (303) 966-6458



ADMIN RECORD

B559-A-000044

**Department of Energy**

ROCKY FLATS PROJECT OFFICE
10808 HIGHWAY 93, UNIT A
GOLDEN, COLORADO 80403-8200

FEB 09 2005

05-DOE-00072

Mr. Steven H. Gunderson
Rocky Flats Cleanup Agreement Project Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Mr. Gunderson:

Provided for your review and approval is the enclosed Pre-demolition Survey Report for Buildings B-559 (DWF-009-05) and B-561 (DWF-011-05). These reports characterize the physical, chemical and radiological hazards associated with these facilities, summarizes the characterization activities, defines the Data Quality Objectives developed for this characterization, and presents the data quality assessment, verification and validation of results. Based upon these Pre-Demolition Survey Reports (PDSRs) and subject to concurrence by the Colorado Department of Public Health and Environment, Buildings 559 and 561 remain Rocky Flats Cleanup Agreement Type 2 Facilities pursuant to the Rocky Flats Environmental Technology Site Decommissioning Program Plan (DPP; K-H, 1999) and are ready for demolition. The Facility Disposition Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) notification for these projects was transmitted to your office on February 2, 2005.

The PDSR results indicate that radiological contaminants exist in excess of the PDSP unrestricted release limits in B559 and in portions of B561 (i.e., on the slab under Filter Plenums FP-300, FP-301, FP-302, within the Filter Plenums themselves, within the Plenum Deluge Pit and Tank, within the 559-561 Ventilation Tunnel, and within the remaining horizontal and vertical ventilation ducting in the 559-561 Ventilation Tunnel). Fixatives were applied to immobilize loose radiological contamination. These specific areas of B561 and all of B559 will be managed as LLW during demolition. All other areas of B561 meet the radiological PDSP unrestricted release limits. All friable asbestos has been removed from both buildings and all beryllium and RCRA/CERCLA samples were less than the PDSP unrestricted release limits. There are concrete masonry unit (CMU) cinderblock walls and floor tiles remaining in B559 that will be removed and managed as LLW Non-friable Category 1 Asbestos Containing Materials (ACM) during building demolition.

S. Gunderson
05-DOE-00072

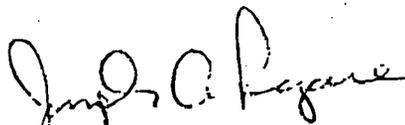
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FEB 09 2005

There are also CMU cinderblock walls and floor tiles remaining in B561 that will be removed and managed as sanitary Non-friable Category 1 ACM during building demolition.

Questions may be directed to Gary Morgan, Rocky Flats Project Management, at (303) 966-6003.

Sincerely,



Joseph A. Legare, Director
RFPO Project Management

Enclosure

cc w/o Encl:

S. Nesta, K-H RISS Env
C. Freiboth, K-H RISS D&D
K. Wiemelt, K-H RISS D&D
M. Aguilar, USEPA
D. Abelson, RFCLOG

cc w/Encl:

G. Morgan, RFPM, RFPO
D. McCranie, HQCPM, RFPO
Administrative Record

STATE OF COLORADO

Bill Owens, Governor
Douglas H. Benevento, Executive Director

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

4300 Cherry Creek Dr. S. Laboratory and Radiation Services Division
Denver, Colorado 80246-1530 8100 Lowry Blvd.
Phone (303) 692-2000 Denver, Colorado 80230-6928
TDD Line (303) 691-7700 (303) 692-3090
Located in Glendale, Colorado

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



Colorado Department
of Public Health
and Environment

February 14, 2005

Mr. Joe Legare
Director, Project Management Division
U.S. Department of Energy, Rocky Flats Project Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Pre-Demolition Survey Report (PDSR) for Buildings 559 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 559 (Version 0, dated January 31, 2005). Your letter regarding this PDSR, dated February 9, 2005, was received on February 11, 2005. We have provided comments, agreed on resolutions, and received modifications to the initial PDSR Document. Our comments included concerns with recognition of the asbestos ducts remaining in the slab and performing additional radiological investigations on the exterior and interior to the appropriate PDSP Data Quality Objectives. Based on the information contained in this PDSR and the agreed upon modifications, as well as inclusion of the additional data collected, we are hereby approving the PDSR for Building 559.

As stated in this PDSR, radiologically contaminated areas remain in B559 that will be removed. We expect that, as stated, all of the remaining contamination will be properly identified, protected, segregated, controlled, and removed. It is also our understanding, as stated, that the entire B559 slab will be removed.

It is also our understanding, as discussed in the PDSR, that the remaining asbestos contamination will be properly protected, controlled, and removed.

All demolition activities and related issues, including but not limited to the ultimate disposition /disruption of the under slab process waste lines, sanitary and storm drains, and foundation drains will be discussed and resolved utilizing the consultative process.

If you have any questions regarding this correspondence please contact me at (303) 692-3367, Denise Onyskiw at (303) 692-3371 or (303) 966-6687, or David Kruchek at (303) 692-3328.

Sincerely,

Steven H. Gunderson
RFCA Project Coordinator

cc: Warren Seyfert, DOE
Dave Shelton, KH
Steve Nesta, KH
J. Mike Swartz, KH

Duane Parsons, KH
Mark Aguilar, EPA
Sam Garcia, EPA
Administrative Records Building T130G

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