



# Internal Memorandum

**Date:** February 10, 2004  
**To:** Building Notification File: 112  
**From:** Steve Nesta  
**Subject:** ADDITIONAL INFORMATION FOR CLOSEOUT REPORT

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CDPHE has provided comments to DOE concerning Type 1 Closeout Reports. To address CDPHE's comments, this memorandum documents the additional information identified by CDPHE for Building 112.

## Building 112 (Type 1 Facility)

B112 utility tunnel was removed with the demolition of the building. The utility tunnel housed steam, water, natural gas, sewer, and other utility lines including the cafeteria grease trap. The utility tunnel provided access by maintenance for repair and upgrades to the utility system. The utility tunnel paralleled the foundation along all four sides of the building and between columns D and L starting from the south foundation wall to the north foundation wall between columns 1 and 2 (see Attachment 1, Article 2).

Underground alarm cables between B112 and T112A were stripped of wires and the conduit abandoned approximately 3 feet below grade. Underground copper and fiber optic telephone lines between the northeast corner of B112 to manhole -1 (N36.506, E18.731) on Fourth Street was stripped of wires and the conduit abandoned approximately 3 feet below grade.

Underground telephone lines between the northeast corner of B112 and a telephone pedestal located north of B112 were stripped of wires and the conduit abandoned approximately 3 feet below grade. The above ground 12 pair telephone cable that entered B112 from the southeast corner from Central Ave and exited the building underground from the southeast corner to Fourth Street remains in place. This cable continues to provide telephone service to B371 and will remain in place along with a small portion of concrete slab until telephone service is no longer needed in B371. Overhead copper and fiber optic cables from the southeast corner of B112 to B331 were removed. Overhead alarm cable between the southeast corner of B112 to the Switching Huts south of Central Ave was removed. Underground alarm cable between the southeast corner of B112 (Mechanical Room) and the switching Huts south of Central Ave was abandoned. Both the conduit and wiring were left in place approximately 3 feet below grade (wires could not be pulled). Above ground fiber optic line located on the south side of B112 near the center of the building and running south to the steam line on Central Ave was removed.

Underground alarm lines from the southwest corner of B112 to a pull box directly west of the building was abandoned approximately 3 feet below grade (wires could not be pulled).

Underground telephone line west of B112, near the center of the west wall, and running north, was abandoned approximately 3 feet below grade.

Natural gas line between the southeast corner of B112 to Central Ave was isolated just south of the building and the remaining line abandoned approximately 3 feet below grade. Steam and condensate line between the southeast corner of B112 and Central Ave was isolated and removed. Domestic water line between the southeast corner of B112 to Central Ave was isolated at the

street and the remaining line abandoned approximately 7 feet below grade. Electrical service was provided through an above ground cable that entered the northeast corner of B112. The transformer was located directly east of B112. Cables, poles and transformer were removed. The sanitary sewer line and grease trap system for the cafeteria was located on the northeast side of B112. The sanitary sewer line ran between B112 and Fourth Street to the east. The sanitary sewer line and grease trap were pumped, flushed, and plugged at manhole MH-30. The remaining sanitary sewer line between B112 and MH-30 on Fourth Street was abandoned approximately 6 feet below grade.

See Attachments 1,2, and 3 for the location of the utilities and utility tunnel.

cc: Administrative Records

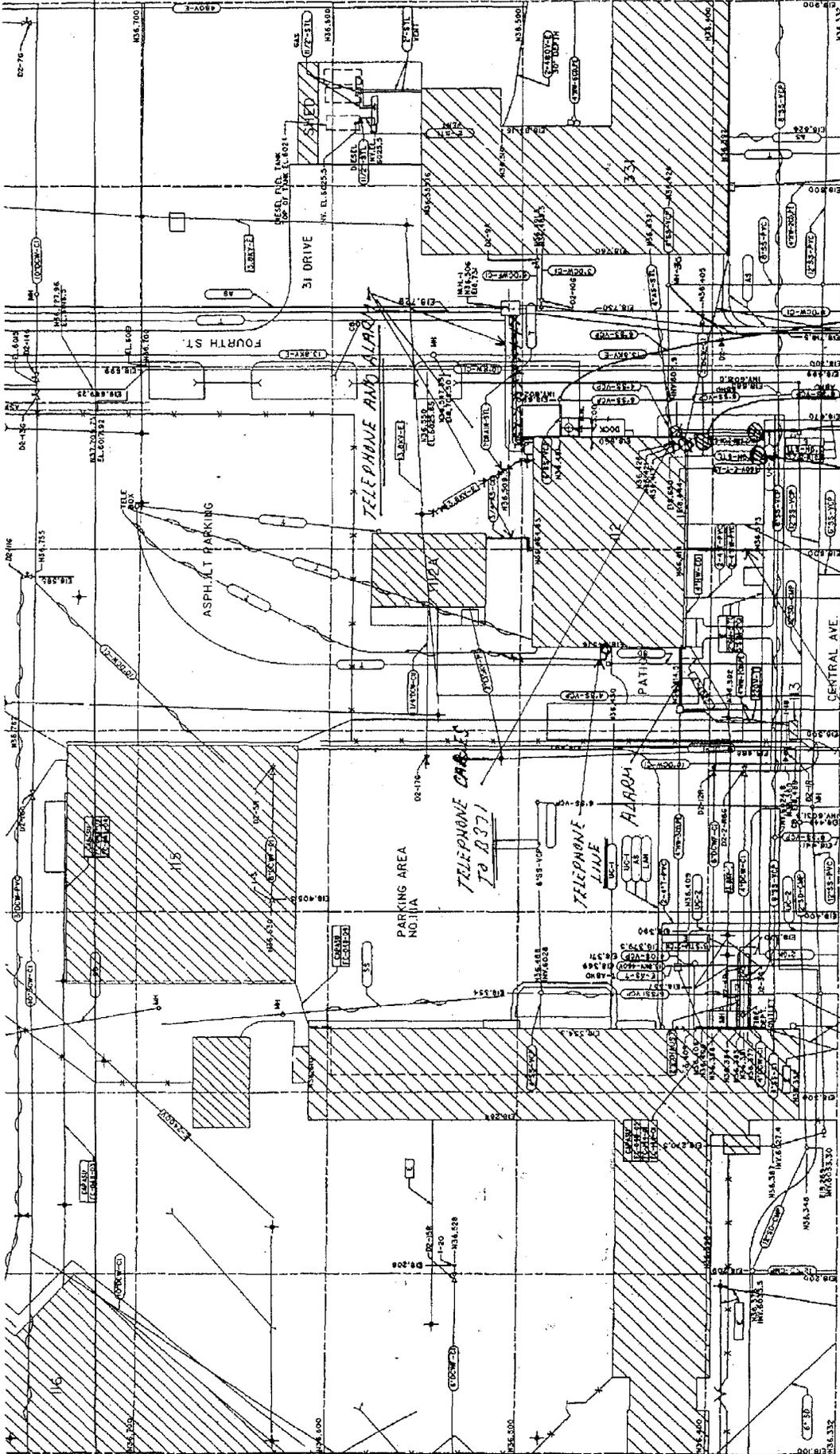
# **Attachment 1,**

**Article 1 – Utilities**

**Article 2 – Utility Tunnel**

**Article 3 – Utility Tunnel Cross Sections**

SEE ZONE D-3



GREASE TRAP PUMPED &  
PLUGGED, WEST INLET TO  
MANHOLE MN-30 PLUGGED  
11/13/02

WATER ISOLATED 7' DEEP  
11/13/02

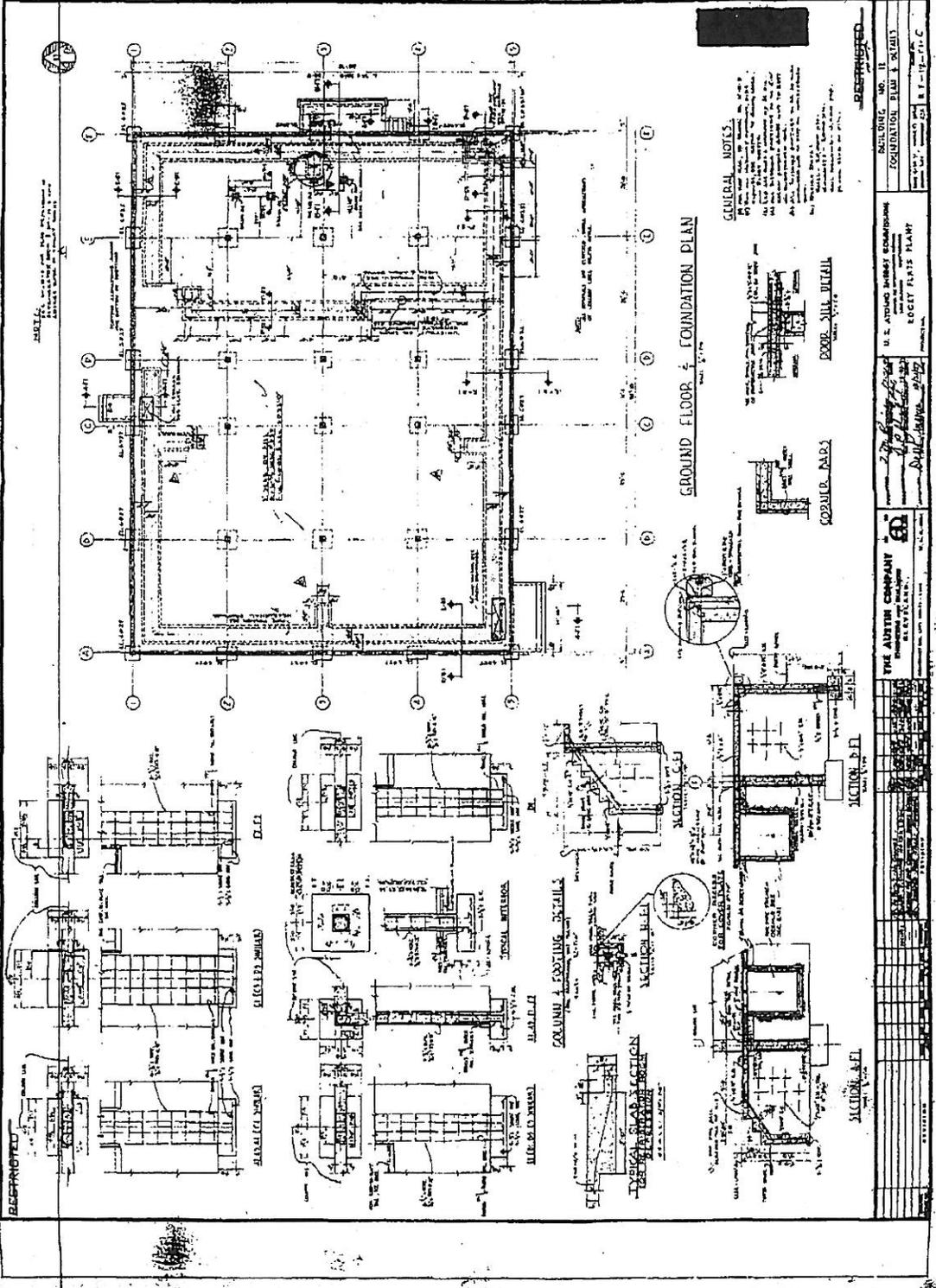
2" NAT. GAS ISOLATED  
IN EARLY 1980'S,  
VERIFIED VENTED 11/13/02  
STEAM & CONDENSATE  
ISOLATED ABOVEGROUND  
11/14/02

ATTACHMENT 1, ARTICLE 1 UTILITIES

Best Available Copy

SEE ZONE D-1

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GROUND FLOOR & FOUNDATION PLAN

GENERAL NOTES:  
 1. ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.  
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE U.S. NATIONAL BUILDING CODES AND ALL APPLICABLE LOCAL ORDINANCES.  
 3. ALL MATERIALS SHALL BE OF THE BEST QUALITY AVAILABLE.  
 4. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE LOCAL AUTHORITY.  
 5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.  
 6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.  
 7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE U.S. NATIONAL BUILDING CODES AND ALL APPLICABLE LOCAL ORDINANCES.

<b>RESTRICTED</b>	
THE AUSTIN COMPANY ARCHITECTS 1000 N. MOORE AVENUE AUSTIN, TEXAS 78701 TEL: 512-476-1111 FAX: 512-476-1112	ENCL. NO. 11 FOUNDATION PLAN & DETAILS SHEET NO. 11-1 OF 11-1
U. S. ATOMIC ENERGY COMMISSION WASHINGTON, D. C. 20545 SOCIETY PARTS PLANT DALLAS, TEXAS 75201	

DECLASSIFICATION REVIEW

1ST REVIEW DATE: 10-15-02

DETERMINATION (CIRCLE NUMBER(S))

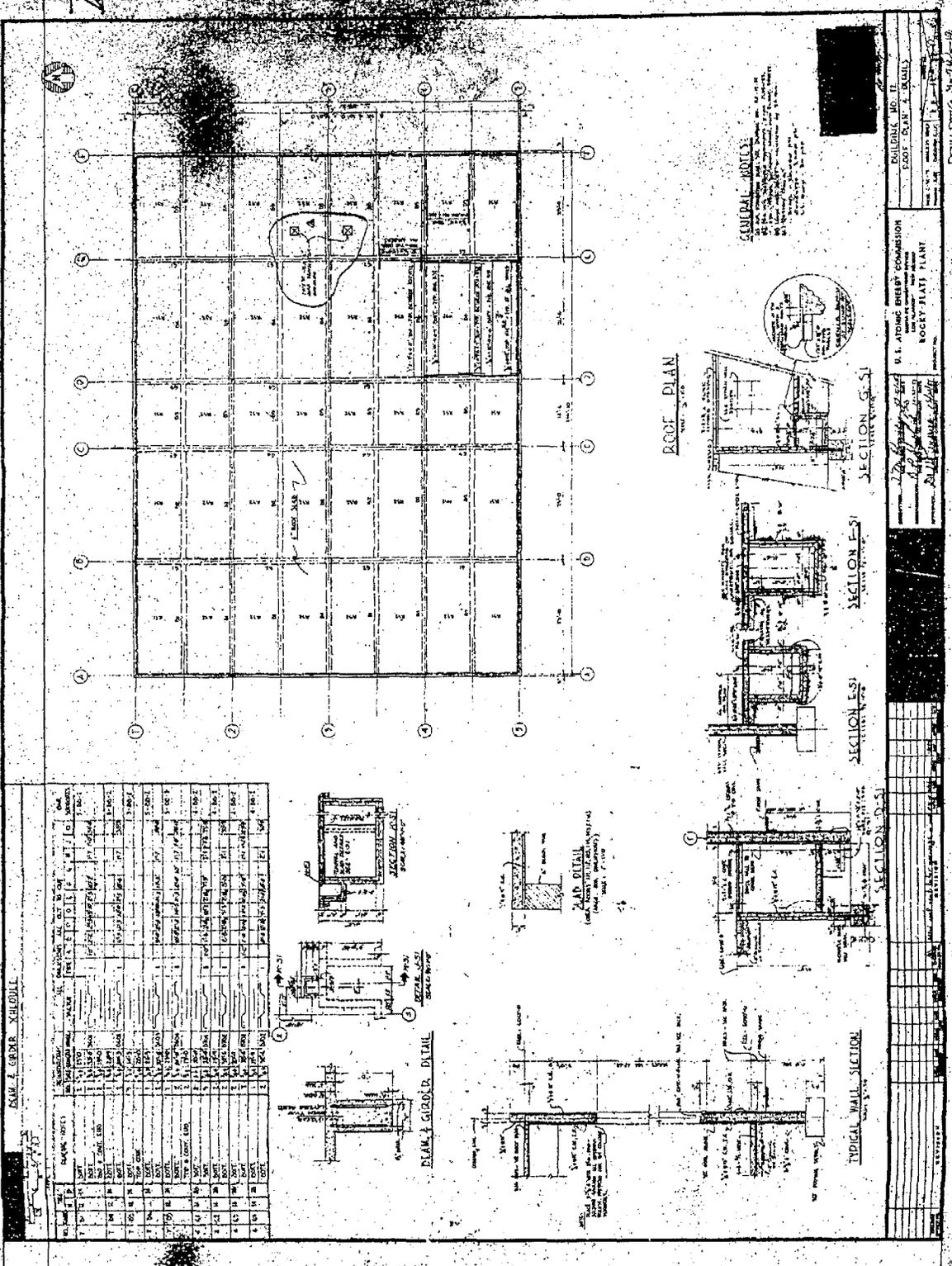
1. CLASSIFICATION RETAINED  2. CLASSIFICATION CHANGED TO:  3. CONTAINS NO DOE CLASSIFIED INFO  4. COORDINATE WITH:  5. CLASSIFICATION CANCELLED - UNCLASSIFIED  6. CLASSIFIED INFO BRACKETED  7. OTHER (SPECIFY): \_\_\_\_\_

AUTHORITY:  APC  ADC  ADD  
 NAME: J. A. VESTHEIM

2ND REVIEW DATE: N/A  
 AUTHORITY: ADD  REVIEW NOT REQUIRED

Best Available Copy

**ATTACHMENT 1, ARTICLE 3**  
**UTILITY TUNNEL CROSS SECTION**



Best Available Copy

RECEIVED

CORRES. CONTROL  
INCOMING LTR NO.

01031 RFO3

NOV 16 P 2 53 STATE OF COLORADO

DUE DATE  
ACTION

Bill Owens, Governor  
Douglas H. Benevento, Executive Director  
**RESPONSE**  
**CONTROL**  
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



Colorado Department  
of Public Health  
and Environment

DIST.	LTR	ENC
BERARDINI, J. H.	X	
BOGNAR, E. S.	X	
BROOKS, L.	X	
BUTLER, L.	X	
CARPENTER, M.	X	
CROCKETT, G. A.		
DECK, C. A.	X	
DEGENHART, K. B.		
DIETER, T. J.		
DIETHELE, S. E.		
FERRERA, D. W.	X	
GIACOMINI, J. J.		
LINDSAY, D. C.	X	
LONG, J. W.		
LYLE, J. I.		
MARTINEZ, L. A.	X	
NAGEL, R. E.	X	
NESTA, S.	X	
NORTH, K.	X	
PARKER, A. M.	X	
RODGERS, A. D.		
SHELTON, D. C.	X	
SPEARS, M. S.		
TRICE, K. D.		
TUOH, N. R.	X	
WIEMELT, K.	X	
WILLIAMS, J. L.		
ZAHM, C.	X	

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

October 31, 2003

Mr. Joe Legare  
Acting Assistant Manager for Environment and Stewardship  
U.S. Department of Energy, Rocky Flats Field Office  
10808 Highway 93, Unit A  
Golden, CO 80403-8200

RE: Closeout Reports for Buildings 112, 987, and 992

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the Closeout Reports for Buildings 112, 987, and 992, dated April 22, 2003. We appreciate being provided these Closeout Reports for our information.

As we have previously requested, Closeout Reports should identify all removal activity and include a map of the facility identifying the structures involved, those removed, and the location of remaining infrastructure and its condition. Infrastructure includes all remaining materials and their location, and includes slabs, piers, footings, water pipes, gas lines, electrical conduits, drain lines, PWLs, sewer lines, etc. These maps are necessary for possible ER and/or future stewardship concerns.

The information provided for B112 does not specifically address the presence of or ultimate disposition of the below grade utility tunnel. Based on the information provided, it is inferred that this tunnel was removed, but this needs to be confirmed. As indicated above, a map of this area should be provided to show the remaining infrastructure, including the remaining slab as discussed. It is also assumed, since not discussed, that the sewer lines were properly flushed and have been removed to the main line as indicated in the Facility Disposition RSOP, which is supposed to be followed for all facilities. As such, we would appreciate being provided a revised Closeout Report for B112 addressing these concerns.

The information provided for B992 should have included a map of this area showing the location of the remaining slab, process waste lines, and other infrastructure. This information also does not identify if the PWL and sewer line were flushed prior to plugging, or if the PWL was grouted or filled with epoxy prior to being "cut off". Since it is indicated that ER will perform additional remediation of this site, and this site is a part of the B991 Cluster, the final disposition of this building site needs to be included in the Closeout Report for B991/B991 Cluster.

If you have any questions regarding this correspondence please contact me at (303) 692-3367 or David Kruehek at (303) 692-3328.

Sincerely,  
  
Steven H. Gundersen  
RFCA Project Coordinator

COR. CONTROL	X
ADMN. RECORD	X
PATS/130	

Reviewed for Addressee  
Corres. Control RFP

11/16/03  
Date By

Ref. Ltr. #

DOE ORDER #  
5400.1

cc: Steve Tower, DOE  
Tim Rehder, EPA  
Steve Nesta, KH  
Administrative Records Building T130G  
Karen Wiemelt, KH  
Dave Shelton, KH  
David Abelson, RFCLOG

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