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STATE OF COLORADO

00024 RF03

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

CORRESPONDENCE  
CONTROL

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



Colorado Department  
of Public Health  
and Environment

DUE DATE  
ACTION

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>

DIST.	LTR	ENG
BOGNAR, E.	X	
CROCKETT, G.		
DECK, C. A.	X	
DEGENHART, K.		
DIETER, T. J.		
DIETERLE, S. E.		
FERRERA, D.W.	X	
FERRI, M.S.		
GERMAIN, A. L.		
GIACOMINI, J. J.		
ISOM, J. H.		
LINDSAY, D. C.		
LONG, J. W.		
LYLE, J. L.		
MARTINEZ, L.A.	X	
NAGEL, R. E.	X	
NORTH, K.	X	
PARKER, A.M.		
POWERS, K.		
RODGERS, A. D.		
SHELTON, D.C.	X	
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N.R.		
WILLIAMS, J.L.		

January 13, 2003

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

Mr. Stephen Nesta, Environmental Manager  
Remediation, Industrial D&D, & Site Services  
Kaiser-Hill Company, L.L.C.  
Rocky Flats Environmental Technology Site  
10808 Highway 93, Unit B, Building 116  
Golden, CO 80403-8200

RE: Conditional Approval of Closure Description Document (CDD) for Partial Closure of Unit 40, Acid Waste System and Cyanide Waste System in Building 444/447 at the Rocky Flats Environmental Technology Site (RFETS)

Dear Mr. Legare and Mr. Nesta:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division (the "Division"), has received your notice of intent to partially close Hazardous/Mixed Waste Unit 40 in Building 444/447 and has reviewed the *Closure Description Document for Partial Closure of Interim Status Portion of Unit 40 in Building 444/447 - Acid Waste System and Cyanide Waste System*. The Division received this CDD from DOE and Kaiser-Hill on January 28, 2002. Based on discussions with facility representatives, the approval of this CDD was deferred until a meeting on January 8, 2003 where facility representatives decided that these closure activities should proceed as described in the CDD. This CDD applies to the acid and cyanide waste systems, specifically the acid and cyanide waste tanks located in Room 9A in the basement of Building 444, and ancillary equipment associated with these tanks. The acid waste tanks are identified in the *Master List of RCRA Hazardous Waste Units at Rocky Flats* as Acid Waste Tank T-1 (Interim Status Unit 40.02) and Acid Waste Tank T-2 (Interim Status Unit 40.03) whereas the cyanide waste tanks are identified in the same list as Cyanide Waste Tank T-3 (Interim Status Unit 40.06) and Cyanide Waste Tank T-4 (Interim Status Unit 40.07).

As stated in the CDD, the portion of Unit 40 described in the CDD will be closed by the method described as "Clean Closure by Decontamination" in Section C of the approved *RCRA Closure Plan for Interim Status Units at RFETS*. The CDD also states that portions of the system that cannot be rinsed or

COB CONTROL	X
ADMIN RECORD	X
PATS/130	

Reviewed for Addressee  
Corres. Control RFP

1/21/03  
Date By

Ref. Ltr. #

DOE ORDER #  
5400.1

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

ADMIN RECORD

B444-A-000034

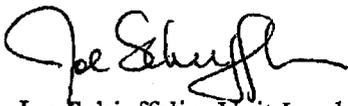
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verified as clean closed will be removed and managed as low-level mixed waste. Verbal approval was granted by James Hindman of the Division on January 8, 2003 to begin rinsing activities as described in the CDD. In accordance with Section B.3 of the approved *RCRA Closure Plan for Interim Status Units at RFETS*, the Division hereby approves this CDD for the partial closure of hazardous/mixed waste Unit 40 in Building 444/447 with the following conditions:

1. Samples of the final rinsate from the Cyanide Waste System must be analyzed for cyanides in addition to the other parameters described in the CDD.
2. Since the CDD also describes non-RCRA decommissioning work (i.e., disconnection and/or removal of various plant systems) regulated under the Rocky Flats Cleanup Agreement (RFCA), these activities must be coordinated with Division staff according to the RFCA consultative process.
3. Since the acid and cyanide waste systems are located within a building where beryllium contamination is possible, any equipment, waste, or other material removed from the area must be properly characterized for possible beryllium contamination and managed appropriately.

In accordance with 6 CCR 1007-3, Section 265.113(b) and Section B.4.b of the approved *RCRA Closure Plan for Interim Status Units at RFETS*, RFETS is expected to complete the required closure activities identified in this approved CDD for the acid and cyanide waste systems within 180 days after the approval date of January 13, 2003. If you have any questions concerning this matter, please contact James Hindman at (303) 692-3345.

Sincerely,



Joe Schieffelin, Unit Leader  
Hazardous Waste Compliance Unit  
Federal Facilities Program

cc: S. MacLeod, U.S. DOE-RFFO  
S. Tower, U.S. DOE-RFFO  
C. Freiboth, Kaiser-Hill  
S. Nesta, Kaiser-Hill  
A. Rosenman, Kaiser-Hill  
D. Shelton, Kaiser-Hill

T. Rehder, EPA  
S. Garcia, City of Broomfield  
Jefferson County Health Department  
D. Miller, AGO  
S. Gunderson, CDPHE  
Administrative Record, Building T130G



Handwritten initials or mark, possibly 'A/2'.