

CORRES. CONTROL  
INCOMING LTR NO.

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2004 OCT -7 A 5:52

STATE OF COLORADO

00454 RF04

DUE DATE  
ACTION

Bill Owens, Governor  
Douglas H. Benevento, Executive Director  
**CORRESPONDENCE 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	
CIUCCI, J.A.		
CROCKETT, G. A.		
DECK, C. A.	X	
DEGENHART, K. R.		
DIETER, T. J.		
FERRERA, D. W.	X	
GIACOMINI, J. J.		
LINDSAY, D. C.	X	
LONG, J. W.		
LYLE, J. L.		
MARTINEZ, L. A.	X	
NAGEL, R. E.	X	
NESTA, S.	X	
NORTH, K.	X	
SHELTON, D. C.	X	
SPEARS, M. S.	X	
PIZZUTO, V.M.		
TUOR, N. R.	X	
WIEMELT, K.	X	
WILLIAMS, J. L.		
ZAHM, C.	X	
Swartz, M.	X	

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

October 1, 2004

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 Building 447 - Approval

Dear Mr. Legare:

The Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division has reviewed the PDSR for Building 447; Revision 0 dated September 21, 2004. This PDSR was received on October 1, 2004. We have provided comments and revisions have been made to this PDSR. Based on the information contained in this PDSR and revisions made, we are hereby approving the PDSR, as revised, for Building 447.

As stated in this PDSR, Building 447 is a Type 2 Facility and has not been completely decontaminated. Uranium contamination above unrestricted release levels remains in areas of Building 447, as well as in the soil, and will be removed as discussed in this PDSR. As also discussed, remaining uranium and beryllium contamination has been covered with a fixative and will be protected from release during demolition activities. However, fixing beryllium contamination is not considered to be the same as actual decontamination (removal). As such, areas with fixed beryllium contamination need to be properly identified, managed, and disposed. Since there are areas of the slab that will be greater than 3 feet below future grade, and will remain (as discussed in this PDSR), the location and level of beryllium contamination above 0.2 ug/100cm<sup>2</sup> and uranium contamination above unrestricted release levels that may remain and/or have been fixed on the concrete remaining, or remaining in the soil, must be properly documented in the Closeout Report. Neither concrete, nor other potentially recyclable material, with beryllium contamination above 0.2 ug/100cm<sup>2</sup> prior to application of fixative can be recycled and must be sent offsite for proper disposal.

As previously agreed, close-in air monitoring for possible beryllium releases will be performed during demolition of B447.

It is also our understanding that if process waste lines are exposed during the demolition of B447, they will be removed or filled with grout. These and other possible issues that may arise will be resolved utilizing the consultative process.

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

Sincerely,

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

COR. CONTROL	X
ADMIN. RECORD	X
PATS/130	

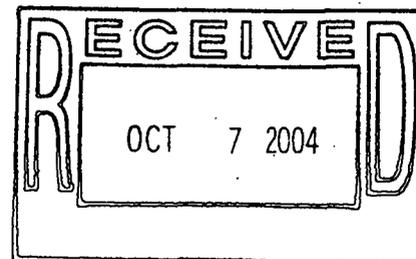
Reviewed for Addressee  
Corres. Control RFP

10/7/04  
Date By

Ref. Ltr. #

cc: Gary Morgan, DOE  
Dave Shelton, KH  
Steve Nesta, KH  
Administrative Records Building T130G

Mike Swartz, KH  
Mark Aguilar, EPA  
Sam Garcia, EPA



DOE ORDER #

5400.1

ADMIN RECORD

B444-A-000084