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# STATE OF COLORADO



Roy Romer  
Governor

Patricia A. Nolan, M.D., M.P.H.  
Executive Director

DUE  
DATE

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## COLORADO DEPARTMENT OF HEALTH

*dedicated to protecting and improving the health and  
environment of the people of Colorado*

### ACTION

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WILKINSON, R.B.		
WILSON, J.M.		
ZANE, J.O.		

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EG&G  
ROCKY FLATS PLANT  
CORRESPONDENCE CONTROL

February 19, 1993

Mr. Martin Hestmark  
 J.S. Environmental Protection Agency  
 Region VIII  
 999 18th Street, Suite 500, 8WM-C  
 Denver, Colorado 80202-2405

RE: Technical Memorandum (TM) 7: Soil Boring Sampling Plan - Ash  
 Pits 1-4, Incinerator, and Concrete Wash Pad, January, 1993

Dear Mr. Hestmark,

The Colorado Department of Health, Hazardous Materials and Waste Management Division (the Division), has reviewed the above referenced document prepared by DOE and prime operating contractor, EG&G. We recommend that this TM be given conditional approval subject to the comments included below.

The Division's comments to TM 7 are as follows:

1) In Sections 2.2.1 and 3.1, the text refers to the two 6-foot boreholes being proposed for IHSS 133.1. The Division is concerned that, if the trench is greater than 6 feet deep, a sample in the upper 6 feet may only collect backfill material and may not gather the needed information. The Division proposes that the two 6 foot boreholes in this IHSS be replaced with one borehole drilled to bedrock. This would conclusively establish the existence or absence of disposed material in the IHSS, at which time the need for additional data could be reevaluated.

2) Regarding the drilling and sampling procedures presented in Sections 3.2 and 3.3, the 6-foot composite samples will still be collected when 18-inch drive samplers are used. In this case four consecutive core samples will be collected, classified, logged, peeled, and composited, rather than three.

3) The last paragraph on page 18 should be expanded to address subsamples within the ash layer if visible changes in the ash layer

most EX

Buddy MV

Taylor K XP

CORRES CONTROL	x	x
TRAFFIC		

Reviewed for Addressee  
Corres. Control BFP

2-25-93  
DATE BY

Ref Ltr. #

are evident.

4) Figure 8 shows a slight discrepancy between the center point of the south trench in IHSS 133.3 and the centerline of the three boreholes to be drilled therein. Since the ash-filled width of this trench may be fairly narrow, please ensure that the boreholes are located in the area where the ash is expected, not necessarily over the center of the disturbed area.

If you have any questions regarding these matters, please call Joe Schieffelin of my staff at 692-3356.

Sincerely,



Gary W. Baughman, Chief  
Facilities Section  
Hazardous Waste Control Program

cc: Richard Schassburger, DOE  
Jen Pepe, DOE  
~~Ed Mast~~ EG&G  
Jackie Berardini, CDH-OE