

CORRES. CONTROL
INCOMING LTR NO.

1116 RF 93

STATE OF COLORADO



Mar 9 12 16 PM '93

EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

Roy Romer
Governor

Patricia A. Nolan, MD,
Executive Director

COLORADO DEPARTMENT OF HEALTH
Dedicated to protecting and improving the health and
environment of the people of Colorado

1300 Cherry Creek Dr. S. Laboratory Building
Denver, Colorado 80222-1530 4210 E. 11th Avenue
Phone (303) 692-2000 Denver, Colorado 80220-3716
(303) 691-4700

ACTION	LTR	ENC
DIST.		
BENEDETTI, R.L.	X	
BENJAMIN, A.		
BERMAN, H.S.		
CARNIVAL, G.J.		
CORDOVA, R.C.		
CROUCHER, D.W.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HEALY, T.J.		
HEDAHL, T.G.		
HILBIG, J.G.		
IDEKER, E.H.		
KIRBY, W.A.		
KUESTER, A.W.		
LEE, E.M.		
MANN, H.P.		
MARX, G.E.		
MCKENNA, F.G.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
RILEY, J.H.		
SANDLIN, N.B.		
SATTERWHITE, D.G.		
SCHUBERT, A.L.		
SETLOCK, G.H.		
SHEPLER, R.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.		
WILSON, J.M.		
ZANE, J.O.		

February 25, 1993

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

RE: Technical Memorandum (TM) 10: Soil Sampling Plan - Surface
Disturbance Areas, OU 5, 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 10 are as follows:

1) DOE and EG&G should ensure that all applicable SOPs are adhered
to regarding drilling, sampling, logging, decontamination, and the
handling of drill cuttings. None of these SOPs are currently
referenced in Section 3.2.

2) Discreet 2-foot VOC samples and the 6-foot composite samples
should be continued to the total depth of the borehole. In addition,
the boreholes should be drilled at least five feet into impermeable
bedrock. Consistency with the drilling and sampling methodology from
other portions of the OU 5 investigation should be achieved.

3) The following surface soil sampling methodology hierarchy should
be employed at the sites covered in this TM. At any sampling
location of sufficient size, the 10-subsample, 2-square meter
modified Rocky Flats composite sampling method should be used. This
method is more appropriate for site characterization than grab
sampling. If the size of the pit or disturbed area is too small for
10 subsamples, five subsamples on a one square meter template could

Most CX
Audit MX
Taylor CX

CORRES CONTROL	x	x
TRAFFIC		

Reviewed for Addressee
Corres. Control RFP
3-9-93
DATE BY

Ref Ltr. #

be collected. Both of these composite sample methods are preferable to the grab sample, which should only be used as a last resort.

4) A surface soil or sediment sample should be collected from or near the "pond or seepage area" indicated on Figure 1 at the northeastern end of IHSS 209.

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