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Department of Energy

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ROCKY FLATS FIELD OFFICE
BOX 926
GOLDEN, COLORADO 80402-0928

DEC 15 2 07 PM '94

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DATE

ACTION

EG&G
ROCKY FLATS PLANT CORRESPONDENCE CONTROL
DEC 14 1994

94-DOE-12388

DIST.	LTR	ENC
BURLINGAME, A.H.		
BUSBY, W.S.		
CARNIVAL, G.J.		
CORDOVA, R.C.		
DAVIS, J.G.		
FENN, T.M.		
FERRERA, D.W.		
FRAY, R.E.		
FULTON, D.L.		
GEIS, J.A.		
GLOVER, W.S.		
GOLAN, P.M.		
HANNI, B.J.		
HEALY, T.J.		
HEDAHL, T.G.		
HILBIG, J.G.		
HOLLOWELL, L.J.	X	
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
McCART, D.		
McDONALD, M.M.		
McGOVERN, L.J.		
McKENNA, F.G.		
PAUKERT, J.G.		
PIZZUTO, V.M.		
POTTER, G.L.		
SATTERWHITE, D.G.		
SCHRADER, D.C.		
SCHUBERT, A.L.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STIGER, S.G.		
VOORHEIS, G.M.		
BUSBY W		X
ERLICH O		X

Mr. Martin Hestmark
U. S. Environmental Protection Agency, Region VIII
ATTN: Rocky Flats Project Manager, 8HWM-FF
999 18th Street, Suite 500
Denver, Colorado 80202-2405

Mr. Joe Schieffelin
Hazardous Waste Facilities Unit Leader
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Gentlemen:

Enclosed is the final treatability test report for the High Gradient Magnetic Separation (HGMS) test work conducted on soil samples taken at Rocky Flats Environmental Technology Site. The transmittal of this final report is partial fulfillment of the November 12, 1994, milestone for the Site Wide Treatability Studies program.

The objective of the study focused on the removal of plutonium and other radionuclides from selected soil samples at Rocky Flats. The test work was carried out during the spring and summer of 1994 and was performed by Los Alamos National Laboratory. Based on the results of this test work, HGMS showed some possibility of successfully concentrating plutonium into a smaller fraction of the soil. However, additional testing would be required to optimize the application of HGMS to Rocky Flats soils.

The Department of Energy requests that you acknowledge the receipt of this report prior to January 13, 1995. If you have any questions please contact Norma Castaneda at extension 4226.

Sincerely,

Steven W. Slaten
IAG Project Coordinator
Environmental Restoration

CORRES. CONTROL	X	X
ADMN RECORD/080	X	2
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

12-15-94 RDa
DATE BY

Enclosure

Ref Ltr. #

DOE ORDER # 5400.1

DOCUMENT CLASSIFICATION
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M. Hestmark & J. Schieffelin
94-DOE-12388

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cc w/Enclosure:

J. Ahlquist, EM-45, HQ
C. Gesalman, EM-453, HQ
J. Ciocco, EM-453.1, HQ
CDPHE
A. Duran, EPA

cc w/o Enclosure:

M. Silverman, OOM, RFFO
R. Schassburger, ER, RFFO
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M. Harris, SAIC
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