CORRES. CONTROL
OUTGOING LTR NO.

91 RF 1068

DIST.	LTR	ENC
ALLHOFF, F.H.		
BRETZKE, J.C.		
BURLINGAME, A.H.		
CROUCHER, D.W.		
DAVIS, J.G.		
EVERED, J.E.	X	
FERRERA, D.W.		
FERRERA, K.P.		
FERRIS, L.R.		
FRAIKOR, F.J.		
FRANCIS, G.E.		
GOODWIN, R.		
HEALY, T.J.		
IDEKER, E.H.		
JENS, J. P.		
KERSH, J.M.	X	
KIRBY, W.A.		
KIRKEBO, J.A.		
LEE, E.M.		
MAJESTIC, J.R.		
McDANIEL, M.G.		
MEURRENS, B.E.		
MONTROSS, R.W.		
MORGAN, R.V.	X	
NORTH, P.		
PALMER, L.A.		
PARNELL, R.F.		
POTTER, G.I.	X	
PIZZUTO, V.M.		
RHOADES, J.L.	X	
SAFFELL, B.F.		
SHANNON, W.M.		
SWANSON, E.R.		
WIEBE, J.S.		
WILKINSON, R.B.		
WILSON, J. M.		
YOUNG, E.R.		
ZANE, J. O.		
YB ARNDT	X	
M. BUDDY	X	
NS BASBY	X	
RF FULGER	X	
JN LANGMAN	X	
TG PORTER	X	
DM SMITH	X	
CORRES CONTROL	X	X
TRAFFIC		

CLASSIFICATION:

UCNI		
UNCLASSIFIED	✓	✓
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER SIGNATURE

3/5/91
DATE

IN REPLY TO LTR NO.

PC#
LTR APPROVAL

ORIG & TYPIST INITIALS
MB/csk

RF-46469 (Rev 11/90)

EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

March 13, 1991

91-RF-1068

000030179

Robert M. Nelson, Jr.
Manager
DOE, RFO

Attn: B. R. Lewis

TRANSMITTAL OF FINAL REPORT FOR "TASK 3 SHALLOW, HIGH-RESOLUTION SEISMIC REFLECTION PROFILING IN OPERABLE UNIT 2 (903 PAD, EAST TRENCHES AND MOUND) AT THE ROCKY FLATS PLANT" (DE-AC04-76DPO3533)

The Task 3 Shallow, High-Resolution Seismic Reflection Profiling in Operable Unit 2 (903 Pad, East Trenches and Mound) at the Rocky Flats Plant (DE-AC04-76DP03533) was implemented as a part of the geologic and hydrogeologic characterization of Operable Unit (OU) 2. The seismic lines were shot during 1989 and in early 1990. These lines have been processed and correlated with synthetic seismograms that have been generated from sonic and density logs that were run in selected boreholes on the plantsite. This program has been successful in confirming bedrock channels below the Rocky Flats Alluvium in the area of Pad 903 and the East Trenches areas.

The report describes the High-Resolution Seismic Program in detail and presents a geophysical interpretation of the subsurface geology in the area of OU 2. The report and attachments have been delivered to DOE's technical staff.

If you have any questions or comments, please contact J. W. Langman, extension 5975.

J. M. Kersh, Associate General Manager
Environmental Restoration & Waste Management

MSB:csk

Orig. and 1 cc - R. M. Nelson, Jr.

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