44750

CORRES. CONTROL
INCOMING LTR NO.

03759 RF 94

DUE
DATE

ACTION

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

CORRES. CONTROL	X	X
ADMIN RECORD/080	X	X
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

10-4-94 RDD
DATE BY

Ref Ltr. #

DOE ORDER # 5400.1

States Government **Department of Energy**

Memorandum

Rocky Flats Field Office

OCT 4 11 10 AM '94

SEP 29 1994

EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

ER:FRL:10208

Cost of Remedial Investigation

Autar Rampertaap, Branch Chief, Rocky Flats Branch, EM-453, HQ

This memorandum attempts to answer the fax request, dated September 22, 1994, regarding the high cost of remedial investigations/RCRA facility investigations (RFI/RIs). The analysis supporting the answers is necessarily brief because of the short suspense and conflicting time demands for preparation of the FY 1995 budget at Rocky Flats.

The request and analysis is focused on the RFI/RI process at Rocky Flats. It should be well understood that the majority of the costs for the RFI/RI work for Operable Units (OU) 1 though 7 and 11 are already a matter of record. Data has been collected and analyzed and report preparation is completed or underway for these operable units. The bulk of the future RFI/RI work at RFETS is in the Industrial Area. The attached table gives the breakdown of RFI/RI costs by OU in FY 1995 to respond to Ralph Lightner's request.

The RFETS ER Productivity Improvement initiative for FY 1995 committed to over $22M in savings. A portion of these savings is projected to come from the following sources in the RI/RFI subtasks:

1) Reduced data validation to meet minimum data quality requirements.

2) Combining RFI/RI phases to eliminate a complete cycle of data collection, analysis , report preparation and review. This approach has been used for OU5, OU7 and OU11, and to a limited extent OU4. It increases costs for the first phase, but has substantial offsetting savings in time and money in future years by eliminating the Phase II work.

3) Use of onsite laboratory capability. This capability is currently being upgraded in Building 881, which should reduce costs and improve laboratory turnaround.

The following areas are also planned to contribute to the $22M productivity savings, but require assistance from DOE at the Headquarters level through discussions with EPA:

1) Reductions in scope to target necessary and sufficient data. This is being done on an OU-specific basis and is very dependent on regulator support. The focus is to collect only enough data for decision making.

ADMIN RECORD

SW-A-003617

1/3

2) Limiting analysis of contaminants of concern and risk scenarios. Analysis of unrealistic future use scenarios is a continuing cost with limited benefit. Regulators have to be convinced that risk analysis scenarios should be targeted to reasonable land use scenarios.

3) Limitation of review cycles for RI/RFI Reports. Regulators need to be focused to a single, thorough review of DOE deliverables. Each cycle brings new comments for items missed in the first review. Regulators need to do complete work in their review efforts since each cycle of review costs time and money.

4) Replanning of field investigation to appropriate times. This is a topic of renegotiation which argues that data should not be collected if there is a high probability that subsequent actions, such as D&D, will change the field conditions. We should collect data only once.

All of the above suggestions are expected to support the Rocky Flats Environmental Technology Site to meet its commitment of productivity savings for FY95. Many of the savings elements, in the RI/RFI subtasks and other subtasks, are highly dependent on regulator support, and our regulators have committed support to this approach. The magnitude and specific operable units which achieve savings will depend on which initiatives are approved. It is, therefore, of little value to assign specific savings projections to each operable unit until more is learned about how initiatives will be supported by the regulators.

We propose to provide updated information through monthly reporting on the progress toward achieving savings and opportunities which can be exploited for further savings. This would apply to the RI/RFI subtasks as well as the balance of the program. We remain fully committed to achieving the FY95 productivity target and will continue our drive to reduce costs for additional savings as conditions allow. Please contact Howard Rose (303-966-5917) if you have additional questions.

Jessie Roberson
Assistant Manager for
Environmental Restoration

Attachment

cc w/Attachment:
R. Lightner, EM-45
J. Ciocco, EM-453
F. Lockhart, ER, RFFO
H. Rose, ER, RFFO
S. Stiger, EG&G

2/3

ROCKY FLATS ENVITONMENTAL TECHNOLOGY SITE
ENVIRONMENTAL RESTORATION
FY 1995 RFI/RI COSTS

ADS	OU NUMBER	OU NAME	FY 1995 RFI/RI COSTS (K$)
1001	OU 1	881 Hillside	$0,000
1002	OU 2	903 Pad, Mound, East Trenches	$1,597
1011	OU 3	Offsite Areas	$0,992
1258	OU 4	Solar Ponds	$6,976
1005	OU 5	Woman Creek	$3,166
1014	OU 6	Walnut Creek	$1,501
1255	OU 7	Present Landfill	$0,000
1006	OU 8	700 Area	$1,773
1251	OU 9	Origional Process Waste Lines	$1,923
1231	OU 10	Outside Closures	$0,893
1261	OU 11	West Spray Field	$1,554
1007	OU 12	400/800 Areas	$1,861
1008	OU 13	100 Area	$1,961
1010	OU 14	Radioactive Sites	$1,296
1018	OU 15	Inside Building Closures	$0,828
1009	OU 16	Low Priority Sites	$0,000