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CORRES. CONTROL
INCOMING LTR NO.

tates Government

Department of Energy

Rocky Flats Office

2659 RF 91

memorandum

DUE DATE 9-13-91

AUG 22 11 58 AM '91

ACTION *Kersh*

AUG 20 1991

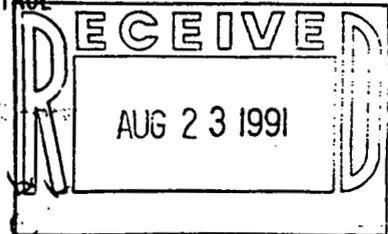
EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

DIST.	LTR	ENC
BENJAMIN, A.		
BRETZKE, J.C.		
BURLINGAME, A.H.		
COPP, B.D.		
CROUCHER, D.W.		
DAVIS, J.G.		
EVERED, J.E.	X	X
FERRERA, D.W.		
FERRIS, L.R.		
FRAIKOR, F.J.		
FRANCIS, G.E.		
GOODWIN, R.		
HANNI, B.J.		
HEALY, T.J.		
IDEKER, E.H.		
JENS, J.P.		
KERSH, J.M.	X	X
KIRBY, W.A.		
KRIEG, D.		
LEE, E.M.		
MAJESTIC, J.R.		
MARX, G.E.		
MATHEWS, T.A.		
McCLUSKY, J.K.		
MEURRENS, B.E.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
SAFFELL, B.F.		
SANDLIN, N.B.		
SWANSON, E.R.		
WIEBE, J.S.		
WILKINSON, R.B.		
WILSON, J.M.		
YOUNG, E.R.		
ZANE, J.O.		

WMED:JR: ⁶⁷²¹ 6596

Needed Repair to the South Interceptor Ditch

J. M. Kersh, Associate General Manager
Environment and Waste Management
EG&G Rocky Flats, Inc.



Our staff is in receipt of a copy of an internal EG&G memorandum (copy attached for your reference) describing a recent survey of the condition of the South Interceptor Ditch (SID). The SID, as you are aware, transmits runoff from the southern portion of the Plantsite to Pond C-2, and is as such a principal means of assuring that potentially contaminated runoff from this portion of Rocky Flats does not reach Woman Creek. We are, therefore, extremely concerned at the findings of this survey, which indicate that the SID is in urgent and immediate need of maintenance if it is to fulfill its runoff control objectives. According to the survey, the transmission capacity of the ditch has been seriously adversely affected by sedimentation and the growth of cattails and other vegetation along its length.

The survey concludes that the SID in its present state is probably incapable of transmitting runoff from a 25-year, 6-hour storm event to Pond C-2, and that during such event overtopping of the SID with resultant direct flow into Woman Creek would be likely. The SID was originally designed to transmit runoff from a 100-year, 3-day storm event, a design capacity that we still believe to provide an appropriate level of watershed protection, and one which is consistent with other watershed improvements in place or contemplated for the drainage, including the Standley Lake protection portion of Option B. In addition to the increased potential for the direct bypass of surface runoff into Woman Creek during a storm event, the survey results indicate the potential for increased seepage into the shallow groundwater system beneath the ditch as a result of slower water velocities.

We request that EG&G begin actions as soon as possible to restore the SID's original design capacity. We ask that EG&G submit to us a scope and schedule for these actions within fifteen days of receipt of this memorandum, and that the corrective actions outlined by EG&G for SID repair be completed no later than December 1, 1991.

If you have any questions regarding this matter, please call me or Tom Lukow at extension 4561.

CORRES CONTROL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TRAFFIC	<input type="checkbox"/>	<input type="checkbox"/>

Reviewed for Addressee
Corres. Control RFP
8-22-91 *Cai*

DATE BY

Attachment

Ref Ltr. #

cc w/o Attachment:
T. Lukow, DOE
F. Lockhart, DOE
J. Rampe, DOE

David P. Simonson
David P. Simonson
Assistant Manager
for Environmental Management

ADMIN RECORD