

RF 7456, EG&G ROCKY FLATS

ST		
F.F.H		
J.D.B		
J.H		
GAME A.H		
HER D.W		
J.G		
J.E.	X	X
IA D.W		
L.R		
S.G.E		
IN.R		
T.J		
J.M		
V.A		
D.J.A		
IC J.R		
EL M.G		
J.B		
NS.BE		
DSS.R.W		
V.R.V	X	X
P		
L.R.F		
GL	X	X
S.J.L	X	X
BF		
N.W.M		
N.E.P		
VEN.D.R		
J.B.P		
J.S		
DN.B.B		
ER		
O		
-A.B.E.R.K	X	
ABBS	X	X
MAIY.L	X	X
INCOE	X	X
CONTROL	X	X

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

December 24, 1990

90-RF-7456

Robert M Nelson, Jr
Manager
DOE, RFO

POND C-2 RECYCLE PROJECT AND THE POND C-2 TO POND B-5 DIVERSION PIPELINE

Ref Correspondence WMED JR 10108

This letter transmits information pertaining to conditions imposed by EPA prior to future discharge of Pond C-2 to the Broomfield diversion ditch. It also provides a status report on the C-2 Recycle Project and the Pond C-2 to Pond B-5 diversion pipeline.

EPA has attached three conditions to their approval of discharges from Pond C-2 to the diversion ditch around Great Western Reservoir. These conditions and the compliance actions we have implemented are described below.

Condition 1) Execution of biomonitoring in Pond C-2 prior to commencement of discharge, and EPA notification of 50% mortality.

Action Monthly routine sampling for Whole Effluent Toxicity (WET) was initiated at all ponds in June 1990. Pond C-2 was last sampled on December 5, 1990. Results for these samples are pending. Monthly biomonitoring will continue regardless of discharge.

Condition 2) Compliance with Walnut Creek radiological limits established by the Colorado Water Quality Control Commission (CWQCC).

Action This is a current requirement for all discharges to Walnut Creek. Compliance with the CWQCC standards will continue. Sampling for radiological constituents is performed monthly as part of routine sampling efforts. Predischarge sampling which is split with the Colorado Department of Health was last performed at Pond C-2 on October 16, 1990. Analytical results for all analytes except plutonium, americium, and uranium have been received and are within limits. The results for the remaining analytes are expected the first week of January.

Condition 3) Submittal of all monitoring data from Pond C-2 (when discharged) with the following month's Discharge Monitoring Report.

Action No action at this time. No discharges have occurred recently. When discharges occur, monitoring data will be submitted as requested.

CLASSIFICATION	
CLASSIFIED	X
CONFIDENTIAL	

CLASSIFIER NAME
H. Setback

DATE
2/18/93

APPROVALS
SUPERVISOR INITIALS
LUBS

REVIEWED FOR CLASSIFICATION/CONTROL
By Bea Duran (unc)
Date 8-16-93

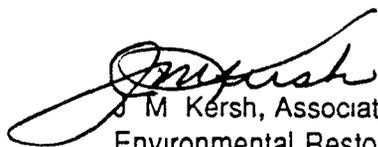
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At this time, it is unlikely that discharges from Pond C-2 to the Broomfield diversion ditch will occur prior to expiration of EPA approval on December 31, 1990. Pond C-2 has frozen over. In addition, receipt of remaining analytical results proving compliance with Walnut Creek radiological standards are not expected prior to December 31.

The current schedule for completion of the C-2 Recycle System is September 1991. This assumes the normal progression of design, design review, equipment procurement, bid solicitation, contract award, and construction. It may be possible to expedite this schedule by a maximum of two months, if GFE procurement of long lead time equipment items and an expedited construction schedule can be accomplished.

Installation of the Pond C-2 to Pond B-5 diversion pipeline has been given priority attention, with two options being pursued at this time. A pre-solicitation plan for contractor installation of this pipeline, including the Statement of Work, sole source justification, and other required documentation, was forwarded to DOE for review on December 14, 1990. A parallel effort involving GFE procurement of material and installation by EG&G maintenance personnel is also being pursued in the event DOE approval for contractor installation is delayed. With the holiday shutdown, EG&G maintenance can not complete this installation prior to the year's end. Installation of this pipeline will be accomplished as soon as possible once contractual arrangements are finalized.

If there are any questions, please have your staff contact Eric Mende of Environmental Restoration/ Clean Water Act Division at extension 5205.



J. M. Kersh, Associate General Manager
Environmental Restoration & Waste Management
EG&G Rocky Flats

EWM-vbs

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