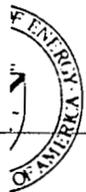


00006324

ARRS. CONTROL  
INCOMING LTR NO.

Department of Energy



ROCKY FLATS OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80402-0928

0302 RF 92

JAN 10 4 27 PM '92

DUE  
DATE

92-DOE-0404

ROCKY FLATS PLANT  
CORRESPONDENCE CONTROL

ACTION	
DIST.	LTR ENC
ENJAMIN, A.	
ERMAN, H.S.	
RETZKE, J.C.	
HURLINGAME, A.H.	
OPP, R.D.	
ROUCHER, D.W.	
AVIS, J.G.	
VERED, J.E.	X
ERRERA, D.W.	
RANCIS, G.E.	
WOODWIN, R.	
ANNI, B.J.	
EALY, T.J.	
DEKER, E.H.	
ENS, J. P.	
ERSH, J.M.	X
IRBY, W.A.	
RIEG, D.	
JESTER, A.W.	
EE, E.M.	
MAJESTIC, J.R.	
ARX, G.E.	
EURRENS, B.E.	
MORGAN, R.V.	
ZZUTO, V.M.	
OTTER, G.L.	
AFPELL, B.F.	
ANDLIN, N.B.	
HEPLER, R. L.	
WANSON, E.R.	
HEBE, J.S.	
MILKINSON, R.B.	X
MILSON, J.M.	
DUNG, E.R.	
ANE, J.O.	X

Mr. Frederick R. Dowsett, PhD., Unit Leader  
Monitoring and Enforcement  
Hazardous Materials and Waste Management Division  
Colorado Department of Health  
4210 East 11th Avenue  
Denver, Colorado 80220

Dear Dr. Dowsett:

Enclosed is the copy of the monthly status report on pondcrete operations for  
October 27, 1991, through November 26, 1991.

If you have any questions regarding this report, please contact Brent R. Lewis of my staff  
at 966-4765.

Sincerely,

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

Enclosure

cc w/Enclosure:  
M. Hestmark, EPA  
B. Shankland, EPA  
M. Schwartz, RFEMC  
S. Howard, SMS  
J. Kersh, EMD, EG&G

cc w/o Enclosure:  
T. Lukow, WMED, RFO  
G. Litus, SMS

ARRS CONTROL: y y  
SAFFIC

Reviewed for Addressee  
Corres. Control RFP  
-15-92 *Am*

DATE BY

Ref Ltr. #

ADMIN RECORD

A-0004-000347

1063

FOR PONDCRETE OPERATIONS  
OCTOBER 27, 1991 THROUGH NOVEMBER 26, 1991

BUILDING 788

Approximately 610,608 gallons of liquid were transferred from the 207B North pond to Building 374, Liquid Waste Operations during the reporting period.

STORAGE PAD 750

There were no spills found during the ongoing inspections of the pad during the reporting period. Approximately 170,170 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

STORAGE PAD 904

There were no spills found during the ongoing inspections of the pad during the reporting period. Approximately 146,750 gallons of runoff liquid were pumped and transferred by truck to Building 374 Liquid Waste Operations.

904 AND 750 WR&S STORAGE AREAS  
RESULTS FROM ANALYSIS OF GRAB SAMPLES

Analytical results from analysis of grab samples collected at the 750 and 904 Pondcrete storage areas are summarized below. This report includes all data for which analytical results were available from October 27, 1991 through November 26, 1991. The plant guide for Nitrate discharges is 10 mg/l; for gross Alpha is 40 pCi/l; and for gross Beta is 50 pCi/l. Also included are the Cyanide, Cadmium, and Ammonia results upon availability.

TABLE 1  
750 CULVERT

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	TOTAL DISSOLVED SOLIDS (mg/l)
10/09/91	0.62	3±1	2±1	175
10/16/91	0.77	3±1	5±1	EXPIRED
10/23/91	**	4±2	6±3	**
10/30/91	1.48	21±5	85±11	1118
11/05/91	0.95	3±2	10±3	211
11/12/91	2.54	8±3	3±6	552

TABLE 2  
750 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM ug/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
10/04/91	0.29	1±1	6±1	*	<4.0	0.79	21

TABLE 3  
904 PAD PUDDLE

SAMPLE DATE	NITRATE mg/l	GROSS ALPHA pCi/l	GROSS BETA pCi/l	CYANIDE mg/l	CADMIUM ug/l	AMMONIA mg/l	TOTAL DISSOLVED SOLIDS (mg/l)
10/04/91	0.16	2±1	10±1	*	<4.0	0.89	10

These data were gathered as part of the routine environmental monitoring conducted by Environmental Management to screen runoff waters from the pads. Care must be used in any interpretation of these data, which are derived from grab samples taken in a dynamic system.

\* Sample integrity lost, unable to report Cyanide.

\*\* Not Available