

000006322

CORRES CONTROL
OUTGOING LTR NO

EG&G ROCKY FLATS

91 RF 9344

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

DIST	INITIALS
BENJAMIN A	
BERMAN HS	
BRETZKE JC	
HURLINGAME AH	
COPP RD	
CROUCHER DW	
JAVIS JG	
EVERED JE	XIX
FEARER DW	
FRANCIS GE	
GOODWIN R	
HANNI BJ	
HARMAN LK	
HEALY TJ	
DECKER EH	
JENS JP	
KERSH JM	XIX
KIRBY WA	
KUESTER AW	
KRUEG D	
LEE EM	
MAJESTIC JR	
MARX GE	
MEURRENS BE	
MORGAN RV	XIX
POTTER GL	XIX
PIZZITTO VM	
SAGEEII DE	
SANDLIN NR	
SHEPHERD P	
SWANSON ER	
WIERE JS	
WILKINSON RB	
WILSON JM	
YOUNG ER	
ZANE JO	
D. KIRBY	XIX
F. HARRIS	XIX
M. JOHNSON	XIX
D. PIERSON	XIX
R. TICKLER	XIX
CORRES CONTROL	XIX
TRAFFIC	

December 23, 1991

91-RF-9344

Robert M Nelson, Jr
Manager
DOE, RFO

MONTHLY UPDATE ON STATUS OF POND/CONCRETE OPERATIONS - JMK-0990-91

Attn J J Rampe

Attached is a status report for Waste Repacking and Solidification (WR&S) from October 27, 1991 through November 26, 1991. Upon your approval, please forward this report to the Colorado Department of Health. Copies are also to be provided to the Environmental Protection Agency and the Rocky Flats Environmental Monitoring Council.

If there are any questions concerning the report, please contact J D Roberts 966-6129, or D R Pierson at 966-7100


J M Kersh
Associate General Manager
Environmental & Waste Management

DRP cvj

Orig and 3 cc - R M Nelson, Jr

Attachment
As Stated

CLASSIFICATION

UCNI	
UNCLASSIFIED	XIX
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER
SIGNATURE
SL Cunningham

DATE
12/19/91

IN REPLY TO LTR NO
12/23/91

APPROVALS
[Signature]
ORIG & TYPIST INITIALS

820
8-19-93

ADMIN RECORD

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 µg/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 µg/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