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13 RF 4959

**EG&G ROCKY FLATS**



ST	TR	ENC
BENEDETTI, R.L.	X	
ENJAMIN, A		
BERMAN, H.S		
BRANCH, D.B		
CARNIVAL, G.J		
COPP, R.D		
DAVIS, J.G		
ERRERA, D.W		
FANNI, B.J		
FRANMAN, L.K.		
HEALY, T.J		
HEDAHL, T		
HILBIG, J.G		
KIRBY, W.A.		
KUESTER, A.W		
LEE, E.M		
LANN, H.P	X	
MARK, G.E		
McDONALD, M.M		
McKENNA, F.G		
MONTROSE, J.K		
MORGAN, R.V		
POTTER, G.L		
PIZZUTO, V.M		
RILEY, J.H		
SANDLIN, N.B		
HEPLER, R.L		
STEWART, D.L		
SULLIVAN, M.T		
WANSON, E.R		
WILKINSON, R.B	X	
WILLIAMS, S (ORC)		
WILSON, J.M		
ZANE, J.O		
BRASSARD, M.X		
SEE, C.B.	X	
JOHNSTON, L.	X	
VESS, M.T.	X	
CORRES CONTROL	x	x
ADMIN RECORD		
TRAFFIC		

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

93 RF 4959

April 23 1993

A. H Paule  
Acting Manager  
DOE, RFO

Attn R J Schassburger

OPERABLE UNIT (881 HILLSIDE) DISCHARGE OF TREATED EFFLUENT RLB-183 93

The purpose of this correspondence is to document the discharge of tank T 205 prior to receipt of the full suite of radionuclide analyses Discharge of this tank took place the afternoon and evening of April 20 1993 At the direction of DOE/RFO verbal concurrence from Joe Schefflan (CDH) and Gary Kleeman (EPA) to discharge this tank was obtained the afternoon and evening of April 20 1993

Due to spring weather conditions Building 891 Treatment System is at full capacity All three 150 000 gallon effluent storage tanks are full The two 15 000 gallon influent tanks are full and flow rate into the french drain is approximately 10 gallons per minute The treated water is sampled prior to discharge to assure Applicable or Relevant and Appropriate Requirements (ARARs) are met Analytical data from tank T 205 was evaluated for discharge requirements except for Am 241 and Sr89 90 Received radiological results for T 205 were

Gross Alpha	0 313	+/	0 945	pCi/L
Gross Beta	0 661	+/	0 891	pCi/L
U 233 234	0 025	+/	0 097	pCi/L
U 235	0 000	+/	0 059	pCi/L
U 238	0 049	+/	0 049	pCi/L
Cs 137	0 085	+/	0 132	pCi/L
Pu 239 240	0 007	+/	0 005	pCi/L
Tritium	188 600	+/	130 281	pCi/L
Am 241	0 002	+/	0 004	pCi/L

CLASSIFICATION	
UCNI	UNCLASSIFIED
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER  
SIGNATURE  
DATE

IN REPLY TO RFP CC NO

OPEN ITEM STATUS  
OPEN  CLOSED   
 PARTIAL  
LTR APPROVALS  
ORIG & TYPIST INITIALS

The ARARs were met for all of the constituents that have been sampled and analyzed for with the exception of outstanding radionuclide analysis Based on the low Gross Alpha/Beta and historical levels it was not likely that the americium or strontium levels would exceed the discharge requirements

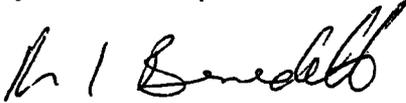
ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNI  
BY G T Ostdek  
DATE 8-11-93

A. H. Pauole  
April 23, 1993  
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Effluent tank T 206 sample results indicated that total dissolved solids were at 430 ppm (ARAR is 400 ppm) The tank is being retreated as time permits but it may become necessary to discharge this tank without meeting this ARAR in order to continue treating collected french drain water

If you have an questions or concerns please contact Mark Burmeister at extension 5891



R L Benedetti  
Associate General Manager  
Environmental Restoration Management  
EG&G Rocky Flats Inc

MTV la

cc  
S. R. Grace DOE RFO  
P. S. Singh DOE RFO