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CORRESP CONTROL
INCOMING LTR NO.

4165 RF 92



Department of Energy

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

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EG&G
ROCKY FLATS PLANT
CORRESPONDENCE CONTROL

DATE

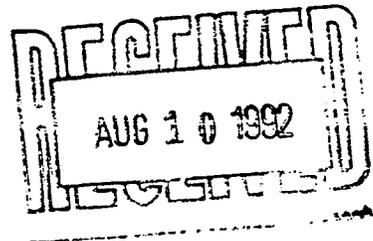
ACTION

DIST.	LTR	ENC
ENJAMIN, A.		
ERMAN, H.S.		
RADY, J.A.		
RANCH, D.B.		
ARNIVAL, G.J.		
OPP, R.D.		
ORDOVA, R.C.		
AVIS, J.G.		
VERED, J.E.		
ERRERA, D.W.		
OODWIN, R.		
IANNI, B.J.		
EALY, T.J.		
ILBIG, J.G.		
DEKER, E.H.		
ERSH, J.M.	X	
IRBY, W.A.		
RIEG, D.		
UESTER, A.W.		
EE, E.M.		
ARX, G.E.		
MORGAN, R.V.		
IZZUTO, V.M.		
POTTER, G.L.		
SANDLIN, N.B.		
SATTERWHITE, D.G.		
SCHUBERT, A.L.	X	
SHEPLER, R. L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILSON, J.M.		
WANE, J.O.		

AUG 05 1992

92-DOE-8592

Dr. Frederick R. Dowsett, 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:

On March 17, 1992, the Department of Energy (DOE) and EG&G Rocky Flats, Inc. met with you and other members of your staff to discuss activities soon to be initiated on the Solar Evaporation Ponds (SEP) sludge cleanout project at the Rocky Flats Plant (RFP). Per our discussion at the March 17, 1992, meeting, we are requesting a change to interim status for the SEP sludge cleanout activities. Sludge cleanout activities are currently planned to start in mid-August. A current schedule for the project is provided in Enclosure 2. In a discussion on May 20, 1992, Noreen Matsuura of your office, indicated that interim status could continue past November 8, 1992, should the cleanout start before (but be completed after) this date. As sludge cleanout activities are currently expected to continue slightly past November 1992, we are requesting a change to interim status for the duration of SEP cleanout project.

This request is being submitted pursuant to the Colorado Hazardous Waste Regulations, 6 CCR 1007-3, Section 100.20(b)(3), which allows upon Colorado Department of Health (CDH) approval, changes to interim status treatment processes and capacities, provided adequate justification for the changes and a revised Part A are provided. This request seeks a change to both the capabilities and capacity of existing interim status Unit 48, Pondcrete Solidification Process: Building 788. A revised Part A application for this change to interim status is included as Enclosure 1 Justification is provided pursuant to Section 100.20(b)(3)(ii) which allows for the State to approve a change to interim status because it is necessary for the facility to comply with State regulations, and Section 100.20(b)(4) which allows for approval of increased capacity due to lack of available treatment, storage, or disposal capacity at other hazardous waste management facilities. This change to interim status for the SEP project is necessary for RFP to meet commitments in the Agreement in Principle and to proceed with closure and remediation activities as specified in the Inter Agency Agreement. Additionally, Unit 48 is the only treatment facility currently designed for the RFP SEP cleanout. New process equipment and advanced process control technology as described in the enclosure have been added to the existing Unit 48 process to increase the reliability in solidifying the remaining SEP sludge and to provide for increased process capacity to allow for more rapid solar pond cleanout. This request for a change to interim status is consistent with SEP cleanout information provided at the March 17, 1992, meeting.

Edwards P X
Ferris D X

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TRAFFIC		

Reviewed for Addressee
Corres. Control RFP

8-7-92 *CM*

DATE BY

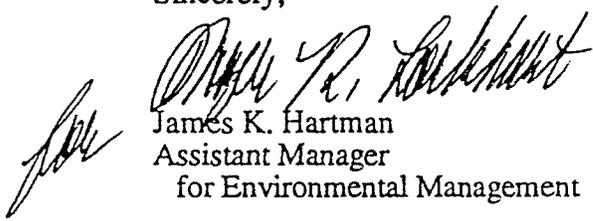
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The SEP cleanout will be accomplished with two separate systems addressing the 207A/207B-Series Ponds and the 207C Pond/clarifier tank. The 207A/207B-Series Ponds contents will be consolidated in the B-Series Ponds for evaporation, disinfection and solidification. The cleanout strategy and consolidation/disinfection process was submitted to your office for regulatory concurrence under a June 22, 1992, cover letter from J. K. Hartman to F. Dowsett and G. Baughman. The modular tank/building 910 evaporation process is described in the Solar Ponds Interim Measure/Interim Remedial Action, and was approved by your office in a letter dated May 30, 1992. The 207A/207B-Series Pond contents will be solidified in a new Chemical Stabilization and Solidification (CSS) process located in the area adjacent to the south edge of the 207A Pond and on the 750 Pad south of the SEP area. The 207C Pond/clarifier tank contents will also be handled in a new CSS process in the area adjacent to the south edge of the 207C Pond and on the 750 Pad south of the SEP area. A more detailed description of the entire SEP cleanout is provided in Enclosure 2.

The SEP cleanout project will have a maximum solidified waste production rate of approximately 35 tons per hour (versus 13 tons per hour current interim status rate for Unit 48). The total quantity of waste produced by the cleanout is expected to be on the order of 7,000 tons.

We are requesting CDH review and approval of this change to interim status by August 15, 1992, as pilot testing is planned to begin mid-August. Additional details on the enclosed information can be provided on request. If you have any questions, please contact Mark Van Der Puy at 966-2473, Debbie Mauer at 966-5598 or Steve Howard at 966-3040.

Sincerely,



James K. Hartman
Assistant Manager
for Environmental Management

Enclosures
As Stated

cc w/Enclosures:
M. Hestmark, EPA
D. Mauer, WOB, RFO

cc w/o Enclosures:
S. Howard, SMS, RFO
G. Baughman, CDH
N. Matsuura, CDH
D. Maxwell, EPA
A. Schubert, EG&G
P. Edrich, EG&G
D. Ferrier, EG&G