CORRES CONTROL
OUTGOING LTR NO

93 RF 0801

| DIST | | NC |
|---|---|---|
| BENEDETTI R L | | |
| BENJAMIN, A | | |
| BERMAN, H S | | |
| BRANCH, D B | | |
| CARNIVAL, G J | | |
| DAVIS J G | | |
| FERRERA, D W | | |
| HANNI B J | | |
| HARMAN, L K | | |
| HEALY, T J | | |
| HEDAHL, T | | |
| HILBIG, J G | | |
| IDEKER, F H | | |
| KIRBY, W A | | |
| KUESTER, A W | | |
| LEE, E M | | |
| MANN H P | | |
| MARX, 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 | | |
| SHEPLER, R L | | |
| STEWART D L | | |
| SULLIVAN M T | | |
| SWANSON, F R | | |
| WILKINSON, R B | | |
| WILLIAMS, S. (ORC) | | |
| WILSON J M | | |
| ANE J O | | |
| Rudt, M | X | |
| Ushy, W | X | |
| Judy M | X | |
| Richter, C.A | X | |
| Beausoleil, M | X | |
| Gee, C. | X | |
| McAndrew, J | X | |
| Sitze, S.R. | X | |
| RANSMART | X | |
| Fuller, P | X | |
| Johnston, L. | X | |
| CORRES CONTROL | | |
| TRAFFIC | | |
| | | |

CLASSIFICATION

| | | |
|---|---|---|
| UCNI | X | |
| UNCLASSIFIED | X | |
| CONFIDENTIAL | | |
| SECRE | | |

AUTHORIZED CLASSIFIER SIGNATURE
George H Setlock
UNU
DATE 1/19/93

IN REPLY TO RFP CC NO
0101-RF-93

ACTION ITEM STATUS
☐ OPEN ☒ CLOSED
☐ PARTIAL

LTR APPROVALS
MCB

ORIG & TYPIST INITIALS
MCB IA

RF-16469 (Rev 9/92)

# EG&G ROCKY FLATS

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

January 19 1993

93 RF 0801

000016824

Robert M Nelson Jr
Manager
DOE, RFO

Attn R J Schassburger

OPERABLE UNIT 1 (881 HILLSIDE) IM/IRA COLLECTION CONFIGURATION RLB 033 93

Ref J K Hartman (14857) ltr to R L. Benedetti OU1 (881 Hillside) IM/IRA Collection Configuration January 5 1993

Conceptual designs for the reconfiguration of the french drain collection system have been discussed with your staff on numerous occasions The latest direction received was to further investigate the french drain recovery well (CW 001) production rates Preliminary data indicates this well to be dry and therefore modifying it s piping would be an unnecessary expense EG&G Environmental Restoration Management recommends a complete analysis of the collection system be done prior to any reconfiguration of the recovery well piping

Additional data for design flow analysis is presently being collected from the 881 footing drain Flow measurements are available for October through December 1992. A statistical analysis for the quantity and quality from the 881 footing drain can not be completed by the January 19 1993 due date but will be completed by February 12 1993 Assessment of this data is required prior to determining what flow should be part of the modified collection system

The OU 1 IM/IRA Plan and Decision Document dated January 1990 assumes collection of an average flowrate of five gallons per minute (gpm) During high precipitation events the 881 footing drain has been observed to flow as high as twenty five gpm All flow from the footing drain is presently being treated and collected Historical sampling data from the 881 footing drain confirms elevated concentrations of tetrachloroethene total dissolved solids (TDS) and nitrate/nitrite above the OU 1 IM/IRA treatment requirements for discharge In conversations with DOE staff it has been suggested that flowrates greater than five gpm could be released without collection and treatment Based on the analytical data it is unlikely that the regulatory agencies would allow this water to remain untreated

If you have any questions please contact Mark Burmeister at extension 5891

M B Burmeister for

R L. Benedetti
Associate General Manager
Environmental Restoration Management

Orig and 1 cc R M Nelson Jr

ADMIN RECORD

A OU01 00104

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