

CORRES. CONTROL
OUTGOING LTR NO.

93 RF 14977



EG&G ROCKY FLATS

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

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| STEWART, D.L. | | |
| SULLIVAN, M.T. | | |
| SWANSON, E.R. | | |
| WILKINSON, R.B. | X | |
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| WILSON, J.M. | | |
| ZANE, J.O. | | |
| BUSBY, W. | X | |
| KEITH, S. | X | |
| LAURIN, P. | X | |
| MAST, E. | X | |
| PRIMROSE, A. | X | |
| HUTCHINS, N. | X | |
| ERM RECORDS CENTER (R) | X | X |
| CORRES CONTROL | X | X |

December 8, 1993

93-RF-14977

Martin H. McBride
Deputy Director
Environmental Restoration Division
DOE, RFO

Attn: S. R. Grace

IDENTIFICATION OF HIGH RISK SITES AT ROCKY FLATS - NMH-639-93

The following is in response to the R. P. Whitfield request to identify the remediation sites/facilities that pose the greatest risk to public or worker health, or to the environment. The three highest risk remediation sites/facilities at Rocky Flats are, in order, Operable Unit (OU) 4, OU 2, and OU 6.

The status and schedule for cleanup activities and the reference documents are provided by OU below.

OU 4 - SOLAR PONDS

The five Solar Ponds have been used to treat and store low-level nitrate-bearing waste, contaminated groundwater, and small amounts of other wastes.

Risk

Risk associated with OU 4 is presently being determined.

Status and Schedule of Cleanup

- Pond wastes will be removed and stored in tanks during fiscal year 1994.
- The Interim Measures/Interim Remedial Interim Action (IM/IRA) decision document to address source and soils and perform Resource Conservation and Recovery Act (RCRA) closure of the units is due to the regulators in April, 1994 and is scheduled to be finalized in January of 1995. Construction is scheduled to start on the RCRA closure structure in September, 1995.

Reference Documents

- Historical Release Report
- Final Phase I RFI/RI Work Plan
- OU 4 (Solar Ponds) Dispute, Draft and Final Phase I RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report, Decision of the Project Coordinators

CLASSIFICATION:

| | |
|--------------|---|
| UNCLASSIFIED | X |
| CONFIDENTIAL | |
| SECRET | |

AUTHORIZED CLASSIFIER
SIGNATURE

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

DATE
IN REPLY TO RFP CC NO:

ACTION ITEM STATUS
 OPEN CLOSED
 PARTIAL

LTR APPROVALS:
ALP:ALP WSB:WSB
ORIG & TYPIST INITIALS
ALP:jim

OU 2 – 903 PAD, EAST TRENCHES AND MOUND AREA

OU 2 soil and groundwater are in part contaminated due to the storage of leaking drums, contaminants buried in trenches, and low level radionuclides in soils.

Risk

Risk associated with OU 2 is presently being determined.

Status and Schedule of Cleanup

- Two IM/IRAs in progress cleaning up three surface water sources and subsurface volatile contamination.
- An Early Action scope, schedule and budget proposal has been developed to remove non-aqueous phase liquids from an Individual Hazardous Substance Site (IHSS).

Reference Documents

- Historical Release Report
- Preliminary Draft Phase II RFI/RI (without the risk assessment portion due to the stop work order)
- IM/IRA Work Plans

OU 6 – WALNUT CREEK DRAINAGE AND PONDS

The B series ponds contain sediments contaminated with polychlorinated biphenyls and radionuclides.

Risk

- Risk associated with the water is 10^{-6} .
- Risk associated with the sediments is to be determined.

Status and Schedule of Cleanup

- The RFI/RI Report was scheduled for completion in November, 1994. However, the stop work order for risk assessments has extended this date. The Corrective Measures Study/Feasibility Study is currently scheduled for May, 1995.
- The Draft Pond Water IM/IRA decision document has been submitted to the regulators. Remediation requirements will be determined through negotiation of the final document.

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Reference Documents

- Historical Release Report
- Raw data
- Preliminary Draft RFI/RI Report (in progress), Nature and Extent section completed and available



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EG&G Rocky Flats, Inc.

ALP:jlh

Orig. and 1 cc – M. H. McBride

cc:

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