



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500

DENVER, COLORADO 80202-2405

Ref: 8HWM-FF

NOV 25 1991

Mr. Frazer Lockhart
U.S. Department of Energy
Rocky Flats Office
P.O. Box 928
Golden, CO 80402-0928

Dear Mr. Lockhart:

Representatives from DOE, EG&G, the Colorado Department of Health (CDH), and EPA met on November 21, 1991, to discuss the scope and submittal schedule for the Operable Unit 1 (OU 1) baseline risk assessment technical memoranda. These deliverables are to be submitted by DOE to EPA and CDH in accordance with Section VII.D of the Interagency Agreement (IAG) Statement of Work. The following is our understanding of agreements reached as a result of discussions at this meeting:

a. DOE will submit 4 technical memoranda for the OU 1 human health baseline risk assessment. The first and second will address requirements in section VII.D.1.b of the IAG Statement of Work. The third will address requirements in section VII.D.1.a. The fourth will address requirements in section VII.D.1.c.

b. DOE will submit a draft version of each technical memorandum to EPA and CDH in accordance with the enclosed preliminary schedule. Within approximately three days of this submittal, DOE and EG&G will brief EPA and CDH and discuss preliminary comments. Within 2 weeks of this briefing, EPA and CDH will submit formal written comments to DOE. The final technical memoranda will adequately address comments from EPA and CDH and will be submitted prior to the final submittal of the baseline risk assessment.

c. Technical memorandum #3, Contaminant Identification and Documentation, will include Groups A, B, and C carcinogens. In addition, the statistical methods and data used in comparing site concentrations to background will be detailed and referenced in the technical memorandum. Persistence and mobility will be addressed. The comparison of site specific concentrations to health and/or environmental criteria will be conducted using conservative exposure assumptions referenced in the technical memorandum. The risk associated with contaminants whose hazard quotient ≥ 0.1 will be quantitatively assessed. Factors considered in determining "hot spots" will be explicitly stated.

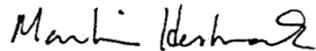
ADMIN RECORD

A-DU01-000399

DOE requested that EPA provide information to support a quantitative analysis of uncertainty in the cancer slope factors for chemical carcinogens. This is a matter of EPA national policy and will be forwarded to the appropriate office in EPA Headquarters.

Questions regarding the OU 1 baseline risk assessment deliverables can be directed to Bill Fraser at (303) 294-1081, or Bonnie Lavelle at (303) 294-1067.

Sincerely,



Martin Hestmark, Manager
Rocky Flats Project

Enclosure

cc: Gary Baughman, CDH
Don Burnett, CDH
Bruce Thatcher, DOE
Erich Evered, EG&G
Dennis Smith, DOE
Cindy Gee, EG&G

PRELIMINARY SCHEDULE

881 HILLSIDE HUMAN HEALTH BRA

<u>DELIVERABLE</u>	<u>TARGET DATE</u>
1. Technical Memo. Exposure Assessment, Present, future, potential reasonable use scenarios	Dec. 20, 1991
2. Technical Memo. Exposure Assessment, Fate & transport models	Dec. 31, 1991
3. Technical Memo. Contaminant identification and documentation	Mar. 30, 1992
4. Technical Memo. Toxicity assessment & documentation	April 29, 1992
5. RFI/RI w/ BRA	July 30, 1992