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RI/FS WORK PLAN U.S. DEPARTMENT OF ENERGY FEED MATERIALS PRODUCTION CENTER FERNALD, OHIO OH6 890 008 976

05/16/88

USEPA/DOE-EPD
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LETTER

[redacted]

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

CERCLA
Item 2.E.
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REPLY TO THE ATTENTION OF:
5HS-12

MAY 16 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. James A. Reafsnyder
United States Department of Energy
Environmental Protection Division
P.O. Box E
Oak Ridge, Tennessee 37830

Re: RI/FS Work Plan
U.S. Department of Energy
Feed Materials Production Center
Fernald, Ohio
OH6 890 008 976

Dear Mr. Reafsnyder:

On April 7, 1988, the United States Department of Energy (U.S. DOE) submitted to the United States Environmental Protection Agency (U.S. EPA) Revision 3 of the Remedial Investigation/Feasibility Study (RI/FS) Work Plan for the Feed Materials Production Center (FMPC) in Fernald, Ohio.

The RI/FS Work Plan is approved with the following conditions:

(1) The RI is to be completed with a phased approach. Information obtained during the initial sampling and analysis may indicate that a modification to the Work Plan will be necessary. This includes a Work Plan addendum regarding the Decontamination and Decommissioning facility;

(2) U.S. EPA will review the waste pit Characterization Investigation Study (CIS) upon receipt of the final report. U.S. EPA will then determine if this investigation satisfies the waste pit characterization requirements of the RI;

(3) U.S. EPA will review the Center for Disease Control's (CDC) study for assessing off-site human exposure to uranium upon receipt of the final report. U.S. EPA will then determine whether this study fulfills requirements of off-site exposure assessment for the RI;

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(4) The K-65 silos should be sampled in the next three (3) months. It had been planned that the sampling would occur after the silo stabilization project, but this interim measure has been delayed. This sampling and silo waste characterization should include a quantification of the total material in the silos, including radium. The amount and composition of the material in the third silo also needs to be verified. In addition, the fact that the fourth silo is empty should also be verified. Since there have been delays in the stabilization project, other interim measures need to be evaluated including removal and packaging of silo materials; and

(5) Information obtained from U.S. DOE's Headquarters Survey was to be incorporated into the RI. A final report has not been issued for this study, but U.S. DOE has recently expressed doubts concerning the quality of the data collected. Due to this fact, a Work Plan addendum should be submitted in sixty (60) days that includes additional investigation of the production area.

U.S. DOE should submit a fully revised Work Plan within thirty (30) days of the date of this letter.

Please contact Catherine McCord at (312) 886-4436, if there are any questions regarding this matter.

Sincerely yours,

James Brossman

James Brossman, Acting Chief
RCRA Enforcement Branch

cc: Graham Mitchell, OEPA-SWDO
Mike Savage, OEPA-CO
Margaret Wilson, U.S. DOE
Roger Wu, U.S. DOE

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