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TASK 4 AND 5 PRE-FINAL DESIGN PACKAGE

03/28/97

USEPA

DOE-FEMP

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COMMENTS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

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MAR 28 1997

REPLY TO THE ATTENTION OF:

Mr. Johnny W. Reising
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

SRF-5J

RE: Task 4 and 5 Pre-final
Design Package

Dear Mr. Reising:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) remedial design, pre-final design package for Task 4: injection demonstration and Task 5: south plume optimization.

As presently designed, the groundwater injection and extraction system will require extensive coordination, and once operational, the operation and maintenance costs will be very high. The project costs could further be reduced if the work was performed by a single contractor. Also many of the drawings are confusing and inconsistent.

At the March 26, 1997, meeting between representatives of U.S. EPA, U.S. DOE, and the Ohio Environmental Protection Agency it was agreed that the baseline aquifer strategy report would be changed to include groundwater extraction wells 1, 2N, and 3N, and possibly install double-header valves at the wells. Well 3N would be used as a contingency well to increase uranium mass removal from the aquifer.

However, the existing pre-final design package for tasks 4 and 5 do not include these design changes, and U.S. EPA has several comments on the existing pre-final design package.

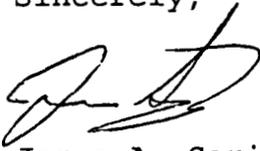
Therefore, U.S. EPA disapproves the task 4 and task 5 pre-final design package. U.S. DOE must revise the design package incorporating adequate responses to U.S. EPA's comments and making the design changes as discussed in the March 26, 1997, meeting.

(Kappal)
partial action response
to dx-0497-97 (10317)

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Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,



James A. Saric
Remedial Project Manager
Federal Facilities Section
SFD Remedial Response Branch #2

Enclosure

cc: Tom Schneider, OEPA-SWDO
Bill Murphie, U.S. DOE-HDQ
John Bradburne, FERMCO
Charles Little, FERMCO
Terry Hagen, FERMCO
Tom Walsh, FERMCO

