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OU 5 ~~DMERP~~ REPORT, JANUARY 1 - JUNE 30, 1996

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COMMENTS

DOE-FN



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

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FILE: 6448.3

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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: OU 5 DMEPP Report  
January 1 - June 30, 1996

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) Operable Unit (OU) 5 South Plume Removal Action Design Monitoring Evaluation Program Plan System Evaluation Report (DMEPP) for January 1, 1996 - June 30, 1996.

The report assesses the performance of the South Plume recovery well field groundwater extraction system and whether the removal action objectives are being met.

Although the report shows data reported during the monitoring period appears to be consistent with past reports, surface water recharge of the Great Miami Aquifer appears to be pushing the uranium plume deeper into the aquifer, in the northeastern portion of the plume. The extent of the deeper aquifer contamination must be investigated as part of the restoration area verification sampling effort. Thus, U.S. EPA will review this document to assure the deeper groundwater contamination is being adequately addressed.

Also, the recovery well system continues to be plagued by problems with electronic flow controllers and iron fouling which have resulted in system shutdowns. The DMEPP states U.S. DOE is taking action to alleviate these recurring problems to assure the recovery well field is operating efficiently. U.S. EPA requests, U.S. DOE provide a status report on any actions to address the deeper groundwater contamination and recovery system shutdowns in future meetings.

Overall, it appears from the DMEPP that the removal action objectives are being met.

(Kappa(j)  
partial  
action response  
to doe-1401-96  
(10052)

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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

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