



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

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REPLY TO THE ATTENTION OF

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AUG 01 2000

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

SRF-5J

RE: Great Miami Aquifer
VAM3D Groundwater Model

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) Great Miami Aquifer VAM3D flow model recalibration report and integration of data Fusion modeling with VAM3DF contaminant transport code report.

These documents describe modifications and improvements to the site groundwater model. These documents and the related model improvements were also discussed on July 11, 2000, at a meeting on-site.

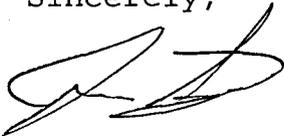
U.S. EPA finds the documents adequate and believes that implementing the changes will improve the reliability of the model. However, given the large amounts of physical samples being collected, which will ultimately be used to determine if the aquifer remediation has met the required goals, the need to continue to upgrade the model and its future value for supporting engineering decisions is questionable.

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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
Bill Murphie, U.S. DOE-HDQ
John Bradburne, Fluor Fernald
Terry Hagen, Fluor Fernald
Tim Poff, Fluor Fernald

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