



State of Ohio Environmental Protection Agency

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George V. Voinovich
Governor

FILE: _____
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April 28, 2000

Mr. Johnny Reising
U.S. DOE FEMP
P.O. Box 398705
Cincinnati, OH 45329-8705

**RE: OHIO EPA's RESPONSES TO DOE's RtCs TO USEPA & OEPA's COMMENTS
ON THE INTEGRATED ENVIRONMENTAL MONITORING STATUS REPORT FOR
THIRD QUARTER 1999**

Dear Mr. Reising:

Ohio EPA has reviewed DOE's Responses to USEPA & OEPA's Comments on the Integrated Environmental Monitoring Status Report for the Third Quarter 1999. Ohio EPA approves this document along with the incorporation of the attached comments.

If there are any questions, please contact me at (937) 285-6466 or Donna Bohannon at (937) 285-6543.

Sincerely,

Thomas A. Schneider
Fernald Project Manager
Office of Federal Facilities Oversight

cc: Jim Saric U.S. EPA
Terry Hagen, Fluor Daniel Fernald
Francis Hodge, Tetrattech
Ruth Vandegrift, ODH
Mark Schupe, HSI Geotrans
Manager TPSS, DERR

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**OHIO EPA's COMMENTS ON DOE's COMMENTS TO USEPA & OEPA
COMMENTS ON THE INTEGRATED ENVIRONMENTAL MONITORING STATUS
REPORT FOR THIRD QUARTER 1999**

Additional Original Comment#: 5

In DOE's response to OEPA's comment regarding the decision not to develop the Great Miami Aquifer monitoring well for Cell 4, they indicate that a low water table elevation of 513 feet was measured in December 1999. The well was constructed with a 15 foot screen interval (523.24 to 507.68 feet) such that the screen midpoint corresponds to the mean water table elevation of wells in the immediate vicinity, in accordance with work plan methodology. DOE should use the site groundwater flow model to simulate groundwater levels in the OSDF vicinity with the assumption of worst case drought water level conditions. Groundwater pumpage from the future production area restoration modules should also be included in the simulation. The resulting simulated water levels should be compared to monitoring well screen intervals designed using current (unstressed) water level data in order to verify that the wells will have sufficient water levels for sample collection in the future.