



**Department of Energy**  
**Ohio Field Office**  
**Fernald Environmental Management Project**  
**P. O. Box 538705**  
**Cincinnati, Ohio 45253-8705**  
**(513) 648-3155**



JUN 29 2004

Mr. James A. Saric, Remedial Project Manager  
United States Environmental Protection Agency  
Region V, SR-6J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0314-04

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
401 East 5<sup>th</sup> Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

**TRANSMITTAL OF THE FERNALD CLOSURE PROJECT GROUNDWATER REMEDY  
EVALUATION AND FIELD VERIFICATION PLAN**

Reference: Letter DOE-0247-04, W. Taylor to J. Saric/T. Schneider, "Path Forward for the Conversion of the Advanced Wastewater Treatment Facility at the Fernald Closure Project," dated May 5, 2004

The purpose of this letter is to transmit to the USEPA and OEPA the Groundwater Remedy Evaluation and Field Verification Plan, for your agency's approval. Submittal of this plan fulfills two commitments made by the Department of Energy (DOE) in the reference; specifically, submittal of a Capture Zone Evaluation Test Plan and submittal of a Storm Sewer Outfall Ditch (SSOD) Re-injection Test Plan. The two groundwater remedy approaches being evaluated are: 1) A remedy without well-based re-injection, and 2) A remedy without well-based re-injection that includes induced recharge into the SSOD at a rate of 500 gpm. The Plan outlines field methods that will be used to verify model predictions and assess operational uncertainties associated with the approaches.

If you have any questions or need further information, please contact Dave Lojek at (513) 648-3127.

JUN 29 2004

Enclosure: As Stated  
Mr. James A. Saric  
Mr. Tom Schneider

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DOE-0314-04

Sincerely,

  
William J. Taylor  
Director

FCP:Reising

## cc w/ enclosure:

D. Lojek, OH/FCP  
T. Schneider, OEPA-Dayton (three copies of enclosure)  
G. Jablonowski, USEPA-V, 5HRE-8J  
M. Cullerton, Tetra Tech  
F. Bell, ATSDR  
M. Shupe, HSI GeoTrans  
R. Vandegrift, ODH  
AR Coordinator, Fluor Fernald, Inc./MS78

## cc w/o enclosure:

K. Johnson, OH/FCP  
J. Reising, OH/FCP  
R. Abitz, Fluor Fernald, Inc./MS64  
K. Broberg, Fluor Fernald, Inc./MS52-5  
J. Chiou, Fluor Fernald, Inc./MS64  
T. Hagen, Fluor Fernald, Inc./MS1  
E. Henry, Fluor Fernald, Inc./MS52-5  
W. Hertel, Fluor Fernald, Inc./MS52-5  
M. Kopp, Fluor Fernald, Inc./MS52-5  
T. Poff, Fluor Fernald, Inc./MS65-2  
D. Powell, Fluor Fernald, Inc./MS64  
ECDC, Fluor Fernald, Inc./MS52-7