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R-009-208.31

**RESPONSE TO USDOE FAIR SHARE OF COST TO
PROVIDE A PUBLIC WATER SUPPLY TO
FERNALD RESIDENTS**

06/30/92

DOE-2001-92

DOE-FN/HAM. CO. PUBL. WORKS

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LETTER

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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

JUN 30 1992

DOE-2001-92

Mr, Gary R. Van Hart
Director, Hamilton County Department of Public Works
800 County Administration Building
138 East Court Street
Cincinnati, Ohio 45202

Dear Mr. Van Hart:

Reference: Letter, G. R. Van Hart to R. E. Tiller, "Hamilton County, Ohio
Water Service, Crosby Township, Phase 1A," dated June 2, 1992

This letter is in response to the referenced letter regarding the U.S. Department of Energy (DOE) fair share of the cost to provide a public water supply to the Fernald residents whose water supply has been affected by the South Groundwater Contamination Plume. The DOE has reviewed the referenced letter, in addition to the report received on May 5, 1992, from your consultant, Finkbeiner, Pettis, and Strout, Limited, entitled, "Recommendations, Water Service for Western Hamilton County."

Consistent with your letter, the DOE has evaluated its fair share costs based on four major categories:

- Item 1 Water mains, Reservoir, etc.
- Item 2 Water service taps
- Item 3 Connections, Right of Way to house
- Item 4 Engineering

The DOE's fair share of the cost for Item 1 - Water mains, Reservoir, etc. was determined using conservatively-priced unit costs for piping that were slightly higher than those presented in the report prepared by your consultant. The DOE estimate is based on providing an independent water supply and distribution system consisting of 12-inch and 8-inch lines, respectively. The DOE's fair share of the cost for the reservoir was determined based on an estimate of the percentage of the Crosby Township use split between Phases 1A and II as presented in your consultants report. The DOE's fair share of the costs for Item 1 - Water mains, Reservoir, etc. was determined by my staff to be \$3,200,000.

Items 2 and 3 above were evaluated based on the unit prices determined from your June 2, 1993 letter. These unit prices were determined based on your assumption that 215 residences were to be served. The DOE estimates that

approximately 120 properties are within the area potentially affected by the South Groundwater Contamination Plume. Within these 120 properties, approximately 100 currently have a house or dwelling occupying the property. Based on 100 taps and connections, the DOE's fair share of the costs for Items 2 and 3 - Water service taps and Connections was determined by my staff to be \$306,400.

A review of engineering costs for a project of this magnitude was performed. The DOE's fair share of the costs for Item 4 - Engineering was determined by my staff to be \$300,000.

In summary, the DOE has determined that its total, fair and legally-authorized share of the costs for a public water supply to the area residents whose water supply has been affected by the South Groundwater Contamination Plume is \$3,806,400.

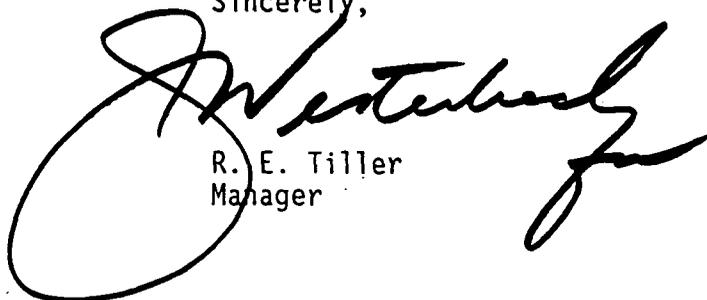
Additionally, the DOE requests the following information to assist our participation in this effort:

1. A project schedule illustrating start and completion dates for major project activities (i.e., documentation and permits, design, and construction, etc.).
2. A listing of any federal, state or local regulatory requirements and associated documentation necessary for this project, such as flood plain and wetland assessments, endangered and threatened species and critical habitats, farmland protection, recreational resources, surveys, permits, historical and archaeological resources which may be required by the National Historic Preservation Act and Ohio State Historic Preservation Office.

At your earliest convenience, DOE requests a meeting with the Hamilton County Department of Public Works to discuss specific details regarding this effort.

If you have any questions regarding this matter, please contact Jack R. Craig at FTS/Commercial (513) 738-6159 or Carlos J. Fermainntt at FTS/Commercial (513) 738-6157.

Sincerely,



R. E. Tiller
Manager

FN:Fermainntt

cc:

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