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**RADIOACTIVE GLASS DEVELOPMENT, TESTING, AND ANALYSIS
EMPLOYING SILO 1 AND SILO 2 ARCHIVE SAMPLES**

10/16/96

DOE-0042-97
DOE-FN EPAS
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LETTER



Department of Energy

**Ohio Field Office
Fernald Area Office**

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



OCT 16 1996

DOE-0042-97

**Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HSF-5J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590**

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

Dear Mr. Saric and Mr. Schneider:

**RADIOACTIVE GLASS DEVELOPMENT, TESTING, AND ANALYSIS EMPLOYING
SILO 1 AND SILO 2 ARCHIVE SAMPLES**

The purpose of this letter is to inform you of the development of a Request for Proposal (RFP) for GTS-Duratek to contract with the Catholic University's Vitreous State Laboratory (VSL) to perform radioactive glass development, testing, and analysis. The VSL has a smaller scale three chambered designed melter that is the same design as the current Vitrification Pilot Plant (VitPP) melter.

Prior to the initiation of Phase I VitPP Operations, similar work was performed at VSL. The experience and knowledge gained from this activity proved to be very helpful in Phase I operations. For this reason, the same approach is being employed for the Phase II VitPP Operations.

The archive material will be used in support of the additional radioactive material analysis and/or glass development and obtaining off-gas system data. The testing will provide information on handling of radioactive material through the melter and off-gas system for future radioactive vitrification operations at the Department of Energy, Fernald Environmental Management Project (DOE-FEMP).

If you have any questions, please contact Nina Akgunduz at (513) 648-3110.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Akgunduz

cc:

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