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**KC-2 WAREHOUSE/WELL NUMBER 67 REMOVAL
ACTION**

**DOE-FN/EPA
DOE-1794-93
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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

APR 30 1993
DOE-1794-93

Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V-5 - HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

Mr. Graham E. Mitchell, Project Manager
Mr. Paul D. Pardi, Hazardous Waste Group Leader
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402-2086

Dear Mr. Saric, Mr. Mitchell and Mr. Pardi:

KC-2 WAREHOUSE/WELL NUMBER 67 REMOVAL ACTION

This letter serves to notify your office of the Department of Energy's (DOE) intent to initiate the removal of sediments within the KC-2 Warehouse/Well Number 67. The KC-2 warehouse is a Resource Conservation and Recovery Act (RCRA) hazardous waste storage unit. DOE deems this action prudent due to the potential impact of the materials found in Well Number 67 on the Great Miami Aquifer. The plugging and abandonment of this well has been determined to be a time critical Removal Action. A workplan summarizing plugging and abandonment procedures will be transmitted upon completion of internal DOE review.

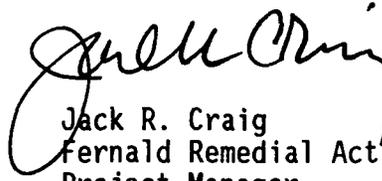
As previously discussed with you, the activities which are being immediately initiated are the removal and characterization of the sediment materials found at the base of the well. The removal of the materials will be accomplished using cable tool methods similar to those used in drilling operations at the Fernald Environmental Management Project (FEMP) and outlined in the Sitewide CERCLA Quality Assurance Project Plan (SCQ). This activity will utilize an electric hoist rather than a drilling rig due to the limited space and access problems caused by the well being located inside a building. Subsurface sampling procedures, outlined in the SCQ, Appendix K, Section K.5.3, will be utilized to the fullest extent possible. Sediment material samples from the well will be analyzed for limited HSL VOCs, full radiological analytical parameters, and characterized via the Toxicity Characteristics Leaching Procedure (TCLP). Once removed from the well, the sediments will be drummed and moved to the FEMPs Controlled Holding Area pending characterization.

Following removal of the solid materials, attempts will be made to redevelop the well and collect a groundwater sample. This sample will be analyzed for full HSL and full radiological parameters.

Plugging and abandonment activities will not be initiated prior to your approval of the forthcoming Removal Action Work Plan.

If you or your staff have any questions regarding these activities, please contact Kathleen Nickel at (513) 648-3116. .

Sincerely,



Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Nickel

cc:

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