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**MODIFICATION TO THE FMPC RI WORK PLAN
TO INCLUDE INSTALLATION OF DEDICATED
GROUNDWATER SAMPLING SYSTEMS**

07/02/91

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DOE-FSO/EPA
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LETTER**



Department of Energy

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Fernald Site Office
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JUL 02 1991

DOE-1051-91

Ms. Catherine A. McCord
Remedial Project Manager
U. S. Environmental Protection Agency
Region V - 5HR-12
230 South Dearborn Street
Chicago, IL 60604

Mr. Graham E. Mitchell, DOE Coordinator
Ohio Environmental Protection Agency
40 South Main Street
Dayton, OH 45402

Dear Ms. McCord and Mr. Mitchell:

MODIFICATION TO THE FMPC RI WORK PLAN TO INCLUDE INSTALLATION OF DEDICATED GROUNDWATER SAMPLING SYSTEMS

The FMPC is proposing to install dedicated groundwater sampling systems in selected groundwater monitoring wells. Test data obtained from the analysis of groundwater collected in these monitoring wells is used to support the CERCLA cleanup effort. An addendum to the RI Work Plan is required before installation of the systems can begin. An addendum has been prepared for your agency to review and approve (Enclosure 1).

The installation of dedicated groundwater sampling systems will result in decreased sampling costs, eliminate the need for routine non-dedicated equipment decontamination, decrease the potential for cross contamination between wells, and decrease the amount of purge water.

The dedicated sampling systems (QED Well Wizard) will be designed such that an inflatable packer can be installed if desired. A packer may be installed on some of the deeper wells so that approximately 50' of standing water can be isolated from the sampling zone. The use of a packer to isolate the sampling zone will eliminate the current practice of removing large volumes of stagnant well water prior to sampling.

No action will be taken on this activity until concurrence has been received from your agency.

If you have any questions, please contact me at (513) 738-6159 or FTS 774-6159.

Sincerely,



Jack E. Craig
Fernald Remedial Action
Project Manager

FSO:Fermaintt

Enclosure: As stated

cc w/encl.:

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