

2839

U-007-305.9

**CONDITIONAL APPROVAL OF OU 5 RI/FS WORK
PLAN ADDENDUM**

11/25/91

**USEPA/DOE-FO
2
LETTER
OU5**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

2839

NOV 25 1991

REPLY TO ATTENTION OF:

HRE-8J

Mr. Jack R. Craig
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

RE: Conditional Approval of OU 5
RI/FS Work Plan Addendum

Dear Mr. Craig:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the Operable Unit 5 Remedial Investigation/Feasibility Study Work Plan Addendum regarding the installation of nineteen (19) additional ground water monitoring wells.

U.S. EPA hereby approves the Work Plan pending incorporation of the attached comments.

Please contact me at (312/FTS) 886-0992 if you have any questions.

Sincerely,

James A. Saric
Remedial Project Manager

cc: Graham Mitchell, OEPA-SWDO
Pat Whitfield, U.S. DOE-HDQ

Date Filed DEC 04 1991
Log F-0834
File _____
Library C 1

**REVIEW COMMENTS ON OPERABLE UNIT 5 WORK PLAN ADDENDUM
REMEDIAL INVESTIGATION/FEASIBILITY STUDY
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
FERNALD, OHIO**

The plan presented in the October 23, 1991, work plan addendum for 19 additional ground-water monitoring wells will be acceptable with the notifications listed below.

1. Page 1, Paragraph 4: The text should provide the level of uranium contamination in on-site analysis samples that will necessitate installation of a 3,000-series well.
2. Table 1: Samples from background wells 2679 and 3679 should be analyzed for all RI/FS inorganic parameters in addition to general ground-water quality and radiological parameters.
3. Table 1: Background wells should be sampled at least quarterly for 1 year for all parameters indicated in comment no. 2.
4. Page 8, Paragraph 4: Leachate from the inactive flyash pile with a potential uranium concentration of 900 micrograms per liter ($\mu\text{g/L}$) is a concern. Collecting additional samples from surface soil around the flyash pile or sediment from Paddy's Run should be considered.
5. Page 14, Paragraph 2: According to the work plan addendum, because ground-water samples from wells at location -055 do not show elevated uranium concentrations, no uranium appears to be migrating from the waste storage area to wells at location -013. This conclusion is questionable considering that well location -055 is about 1,400 feet upgradient of well location -013. This much area could contain numerous contamination sources. Data from the Facilities Testing Program should be presented to support this conclusion.