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**INITIAL SCREENING OF ALTERNATIVES FOR  
OPERABLE UNIT 4**

**6-1-90**

**DOE/EPA  
DOE-1166-90  
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LETTER**



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**Department of Energy**

**FMPC Site Office**  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6319

June 1, 1990  
DOE-1166-90

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

Mr. Graham Mitchell  
FMPC Coordinator  
Ohio Environmental Protection Agency  
40 S. Main Street  
Dayton, Ohio 45402

Dear Ms. McCord and Mr. Mitchell:

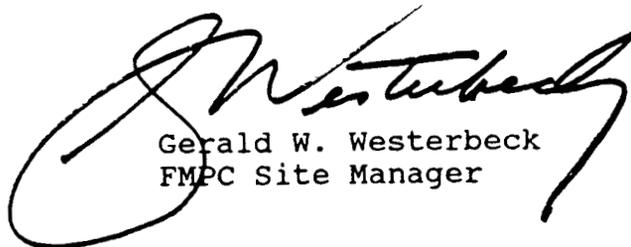
**INITIAL SCREENING OF ALTERNATIVES FOR OPERABLE UNIT 4**

Enclosed is the Initial Screening of Alternatives document for Operable Unit 4. This transmittal meets the deliverable date of June 4, 1990, as stated in Section X.C.4.a of the Consent Agreement, Administrative Docket Number V-W-90-C-057.

Also enclosed is the Notice of Availability (NOA) which announces that the Initial Screening of Alternatives document and the Administrative Record File are available. The notice will be posted concurrent with this transmittal. Additional copies of the document are available upon request.

If you have any questions, please contact Jack Craig, of my staff, at (513) 738-6159 or FTS 774-6159.

Sincerely,



Gerald W. Westerbeck  
FMPC Site Manager

DP-84:Craig

Enclosures: As stated

cc w/encls.:

P. Andrews, USEPA-5  
D. A. Kee, USEPA-5  
E. Schuessler, PRC  
J. Petty, HAZWRAP-SCO

cc w/o encls.:

W. R. Bibb, DP-80, ORO  
W. A. Weinreich, WMCO

**THE UNITED STATES DEPARTMENT OF ENERGY ANNOUNCES  
THE AVAILABILITY FOR PUBLIC REVIEW OF  
THE INITIAL SCREENING OF ALTERNATIVES FOR OPERABLE UNIT 4  
(SILOS 1, 2, 3, AND 4) AT THE DOE'S  
FEED MATERIALS PRODUCTION CENTER  
AT FERNALD, OHIO**

The U.S. Department of Energy announces that the Initial Screening of Alternatives for Operable Unit 4 at the DOE's Feed Materials Production Center (FMPC) at Fernald, Ohio is available in the Administrative Record file. Operable Unit 4 includes the waste storage silos and the potentially contaminated soils surrounding them.

The remedial action objectives applicable to Operable Unit 4 were: control the release of radon gas from wastes; control the migration of contaminants to environmental media that would exceed public health or environmental standards; control direct contact with contaminated structures; and correct structural conditions that could lead to the sudden release of chemicals or radionuclides.

The remedial action objectives were formulated to protect human health and the environment by isolating, removing, or treating the source of contamination. The alternatives were screened according to their performance in the areas of effectiveness, implementability, and cost. There were ten alternatives identified. There are a relatively large number of alternatives due to the differences in material properties of the silos, including a no action alternative. The alternatives include a combination of waste removal and/or non-removal alternatives for the different silos.

The Administrative Record file for Operable Unit 4 is available for public review. The Administrative Record file includes documentation relative to the decision for the remedial actions required for Operable Unit 4.

The Administrative Record file, including the Initial Screening of Alternatives for Operable Unit 4, is available at the following locations and times:

Feed Materials Production Center  
Administration Building  
Administrative Record Reading Room  
7400 Willey Road  
Fernald, OH 45239  
Hours:  
Monday - Friday, 7:30 - 4:00

Lane Library  
N. 3rd and Buckeye St.  
Hamilton, OH 45011  
Hours:  
Monday - Thursday, 9:00 - 9:00  
Friday & Saturday, 9:00 - 5:00

Inquiries may be directed to:

Gerald W. Westerbeck  
Site Manager  
U. S. Department of Energy  
Feed Materials Production Center  
P.O. Box 398705  
Cincinnati, OH 45239-8705  
Telephone: 738-6655