



Department of Energy

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06 NOV 2001

Mr. Gene Jablonowski, Remedial Project Manager
United States Environmental Protection Agency
Region V, SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0107-02

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

Dear Mr. Jablonowski and Mr. Schneider:

**TASK ORDER IMPLEMENTATION SCHEDULE FOR ABOVE GRADE DECONTAMINATION
AND DISMANTLEMENT OF BUILDING 34C UNDER THE MISCELLANEOUS SMALL
STRUCTURES DECONTAMINATION AND DISMANTLEMENT PROJECT AND PROPOSED
AMENDMENT #3, PAGE CHANGE**

Enclosed is a copy of a revised schedule and resulting page change to the task order for above grade Decontamination and Dismantlement of Building 34C for your review and approval. The revised schedule is a result of additional planning efforts required for the disposition of the carbon canisters. Please replace Pages 3 and 4 of Amendment 3 in the Miscellaneous Small Structures Implementation Plan with the enclosed revision.

The revised schedule contains three regulatory milestones:

1. Notice to Proceed – December 3, 2001
2. Start of Field Activities – December 3, 2001
3. Completion of Field Activities – August 30, 2002

Mr. Gene Jablonowski
Mr. Tom Schneider

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If you have any questions, please contact John Trygier at (513) 648-3154.

Sincerely,



Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Trygier

Enclosure: As Stated

cc w/enclosure:

R. Greenberg, EM-31/CLOV
J. McCloskey, EM-31/CLOV
N. Akgündüz, OH/FEMP
J. Trygier, OH/FEMP
T. Schneider, OEPA-Dayton (three copies of enclosure)
J. Saric, USEPA-V, SRF-5J
F. Bell, ATSDR
M. Schupe, HSI GeoTrans
R. Vandegrift, ODH
F. Hodge, Tetra Tech
AR Coordinator, Fluor Fernald, Inc./MS78

cc w/o enclosure:

A. Tanner, OH/FEMP
D. Carr, Fluor Fernald, Inc./MS2
T. Hagen, Fluor Fernald, Inc./MS65-2
M. Stevens, Fluor Fernald, Inc./MS44-0
ECDC, Fluor Fernald, Inc./MS52-7

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cutting. The Tanks of carbon will be disconnected from the piping and sealed on each end. The tanks will be shipped to the disposal facility (probably Envirocare) with the carbon in the vessels. The preferred methods for structural dismantlement are use of a front-end loader to remove the grade level concrete brick perimeter and manual dismantlement of the actual building structure. Dismantlement includes removal of all related airflow PVC pipe and the miscellaneous electrical conduit that runs in the area of Silos 1 and 2. PPE including respiratory protection will be used, as necessary during the demolition effort.

Equipment/systems removal activities will be performed in accordance with the work scope conditions from applicable requirements for Equipment/Systems Removal (Specification Section 15065) and actual building demolition work will be performed in accordance with the requirements for Structural Steel Dismantlement (Specification Section 01526) and Concrete/Masonry Removal (Specification Section 03315).

3.0 Debris/Waste Volume Estimates

Initial debris volume estimates for Building 34C are listed below. Volume estimates for Building 34C are based on manufacturer drawings and measurements taken during a field walk down. Detailed take-off estimates using architectural drawings are currently underway under the D&D planning process and will be entered into the project file to supersede these original estimates.

- Category A, B & D (Metals): 27 bulked yds³ (OSDF disposition if in accordance with WAC)
- Category E (Concrete): 20 bulked yds³ (OSDF disposition if in accordance with WAC)
- Category I2 (Miscellaneous Materials - PVC pipe): 20 bulked yds³ (OSDF disposition if in accordance with WAC)
- Category I4 (Miscellaneous Materials - Wood): 5 bulked yds³ (OSDF disposition if in accordance with WAC)
- Charcoal Absorbent in tanks (MEF in process): 12 bulked yds³ (offsite disposition if in accordance with WAC)

An evaluation of Category A debris (Structural Steel) was performed to determine whether alternative material disposition (e.g., recycling) may be a viable option. The Decision Methodology evaluation process for disposition alternatives, which was documented in Appendix B of the MSS Implementation Plan, was applied to the estimated 9.11 tons of structural steel (weight equivalent for 27 bulked yds³ from 34C) using the most current unit prices (documented in the Multi-Complex Implementation Plan, DOE 2001). The evaluation revealed that On-Site Disposal for the 9.11 tons would cost approximately \$728. The nearest alternative (Vendor Material Release Facility) had a cost of approximately \$7,470, which equates to a cost differential of 1,025 percent. Due to the large cost differential, the chosen disposition route for Category A debris is the OSDF.

