

R-025-201.3

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SILO 3 REMOVAL ACTION

12-19-91

**DOE/EPA
DOE-523-92
2
LETTER**



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Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

DEC 19 1991
DOE-523-92

Mr. James A. Saric, Remedial Project Director
U. S. Environmental Protection Agency
Region V - 5HR-12
230 South Dearborn Street
Chicago, Illinois 60604

Mr. Graham E. Mitchell, DOE Coordinator
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402-2086

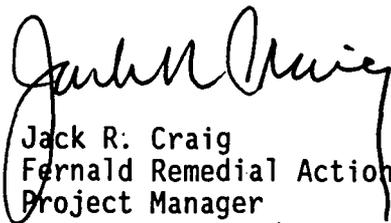
Dear Mr. Saric and Mr. Mitchell:

SILO 3 REMOVAL ACTION

Pursuant to Section IX.H. of the Consent Agreement as Amended, this correspondence provides formal notification of the intent of the Department of Energy (DOE) to conduct an expedited removal action to address the potential release of materials from Silo 3 at the Fernald Environmental Management Project (FEMP). Enclosed is a fact sheet on the action.

If you or your staff have any questions, or need additional information, please contact Randi Allen at FTS 774-6158 or (513) 738-6158.

Sincerely,


Jack R. Craig
Fernald Remedial Action
Project Manager

FO:Allen

Enclosure: As Stated

cc w/encl:.

J. J. Fiore, EM-42, TREV
K. A. Hayes, EM-424, TREV
J. Benetti, USEPA-V, 5AR-26
T. Schneider, OEPA-Dayton
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L. Kahill, Radian
AR Coordinator, WEMCO

FACT SHEET**SILO 3 REMOVAL ACTION****DECEMBER 13, 1991****BACKGROUND**

- o A Removal Site Evaluation for Silo 3 was submitted from WEMCO to DOE on September 27, 1991.
- o A Removal Action was deemed unnecessary at that time. However, Best Management Practices would be performed on Silo 3.
- o Best Management Practices were to include (design and work plan preparation in FY 92 and work plan implementation in FY 93):
 - Removal of dust collector and hopper
 - Weatherproofing silo
 - Seal pathways for radon release
 - Routine silo monitoring
- o In support of the work plan development, an inspection/radiation survey on dome of Silo 3 was initiated December 9, 1991. Dose rates were measured at 1-2 mRem/hr.
- o During the survey, a hole in the west side of the hopper was observed. Solid material in the hopper was observed as exposed.
- o The project has been identified as a Removal Action under Section IX.H. of the Consent Agreement, as Amended. DOE-HQ, Ohio EPA and U.S. EPA were notified.
- o On December 12, 1991, RUST employees went back onto Silo 3 to reassess the situation, i.e., evaluation of how the work could be accomplished safely, assessment of condition of dust collector and hopper, etc.
- o As a result of their assessment, i.e., hopper in very poor condition, WEMCO/RUST will proceed with the removal of the dust collector and hopper and sealing of openings in Silo dome (vent pipe, sampling ports, etc.) as soon as possible.

NEXT STEP

- o Work will be initiated during the week of December 16, 1991.
- o The project is expected to be complete in approximately two weeks.