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PRE-FINAL DESIGN: SILO SUPERSTRUCTURES

06/28/96

USEPA DOE-FN
4
COMMENTS



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

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JUN 10 9 43 AM '96

JUN 28 1996

REPLY TO THE ATTENTION OF:

Mr. Johnny W. Reising
United States Department of Energy
Feed Materials Production Center
P.O. Box 398705
Cincinnati, Ohio 45239-8705

SRF-5J

RE: Pre-final Design: Silo
Superstructures

Dear Mr. Reising:

The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) pre-final design of the silo superstructures for the Operable Unit (OU) 4 residues vitrification plant.

The pre-final design package included: specifications, permitting plan and environmental regulatory requirements, assembly and rigging concept plan, and design drawings.

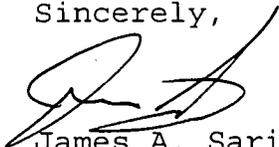
U.S. EPA identified several errors and inconsistencies on the drawings in the design package. However, U.S. EPA has no comments on the other portions of the package.

Therefore, U.S. EPA disapproves the pre-final design package pending incorporation of adequate responses to the attached comments into the design documents. U.S. DOE must submit a revised design package and response to comment document within thirty (30) days receipt of this letter.

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Please contact me at (312) 886-0992 if you have any questions regarding this matter.

Sincerely,



James A. Saric
Remedial Project Manager
Federal Facilities Section
SFD Remedial Response Branch #2

Enclosure

cc: Tom Schneider, OEPA-SWDO
Jack Baublitz, U.S. DOE-HDQ
John Bradburne, FERMCO
Charles Little, FERMCO
Terry Hagen, FERMCO
Michael Yates, FERMCO

ENCLOSURE

TECHNICAL REVIEW COMMENTS ON THE "PRE-FINAL DESIGN, SILO
SUPERSTRUCTURE FOR THE FERNALD RESIDUES VITRIFICATION PLANT,"
DATED MAY 1996

SPECIFIC COMMENTS

Drawings

Commenting Organization: U.S. EPA Commentor: Saric
Section #: Drawing No. G0970 Page #: NA Line #: NA
Original Specific Comment #: 1

Comment: The drawing contains a note that refers to Drawing No. G00974 for asphalt paving detail. This detail is not included on Drawing No. G00974. Drawing No. G00974 should be revised to include asphalt paving details.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: Drawing No. G00970 Page #: NA Line #: NA
Original Specific Comment #: 2

Comment: Note 4 states that "All monitoring wells shall be protected during construction. The monitoring wells in this area are as follows all others are boring locations: Wells 1032, 2032,2034 and 3034, and do not need protection." The note should be revised to clarify which wells should be protected.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: Drawing Nos. G90070 Page #: NA Line #: NA
and G00971

Original Specific Comment #: 3

Comment: The north arrow on these drawings is incorrect. The drawings should be revised to show a vertical FEMP north arrow instead of an angled FEMP north arrow.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: Drawing No. S00987 Page #: NA Line #: NA
Original Specific Comment #: 4

Comment: Section A identifies two sizes, W10 and W14, for a column shown on Line B. Size W10 is incorrect. The drawing should be revised by deleting the reference to size W10.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: Drawing No. S00988 Page #: NA Line #: NA
Original Specific Comment #: 5

Comment: Detail 1 on this drawing references Drawing No. S00986.

