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REPLY TO THE ATTENTION OF:  
SRF-5J

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

MAY 22 1997

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

RE: Area 1, Phase 1  
PSP for OSDF  
Certification

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) Area 1, Phase 1 Project Specific Plan (PSP) for the On-site Disposal Facility (OSDF) support areas certification.

This PSP describes the data collection activities to support excavation of contaminated soil and certification that the OSDF support areas have achieved Final Remediation Levels (FRL). U.S. EPA has enclosed comments on the this PSP.

Also as part of the PSP review, U.S. EPA reviewed data provided in the "Reference Documents to the Area 1, Phase 1 Certification Report" dated April 2, 1997. The report provides data packages from certification unit (CU) sampling activities. The upper confidence limits (UCL) for metal and polychlorinated biphenyls (PCB) are incorrect. The UCLs for metal and PCB units from which 10 samples were collected are about 0.44 standard deviation above the mean. The UCL for metals and PCB units from which nine samples were collected are about 0.47 standard deviation above the mean. The correct UCLs should be 0.58 for units from which 10 samples were collected and 0.62 for units from which 9 samples were collected. DOE should revise the calculations for these UCLs. The UCLs for units from which 12 samples were collected for radioactivity analysis were calculated correctly.

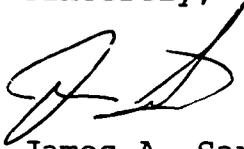
Therefore, U.S. EPA conditionally approves the Area 1, Phase 1 PSP pending incorporation of adequate responses to the attached comments. U.S. DOE must submit responses to comments and a revised PSP within thirty (30) day receipt of this letter.

(jankel(rj))  
partial  
action response  
to DOE-0805-97  
(10486)

-2-

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  
Bill Murphie, U.S. DOE-HDQ  
John Bradburne, FERMCO  
Charles Little, FERMCO  
Terry Hagen, FERMCO  
Tom Walsh, FERMCO





Commenting Organization: U.S. EPA

Commentor: Saric

Section #: 3.3

Page #: 12 of 21

Line #: NA

Original Specific Comment #: 3

Comment: The text states that "the sediment trap will be drained of standing water before sampling." The text should be revised to explain how the water drained from the trap will be handled.