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**WEEKLY REPORT - URANYL NITRATE HEXAHYDRATE
NEUTRALIZATION PROJECT**

11/21/94

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REPORT



Department of Energy
Fernald Environmental Management Project
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Mr. James A. Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

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

Dear Mr. Saric and Mr. Schneider:

WEEKLY REPORT - URANYL NITRATE HEXAHYDRATE NEUTRALIZATION PROJECT

Enclosed is the weekly report for Uranyl Nitrate Hexahydrate (UNH) Neutralization Project Removal Action. The telephone conference call will be at 1:00 pm this afternoon.

If you or your staff have any questions, please contact me at (513)648-3139.

Sincerely,

Johnny W. Reising
Acting Associate Director
Environmental Management

Enclosure: As Stated

cc w/enc:

K. H. Chaney, Em-423, QO
N. Brown, DOE-OH
C. A. White, DOE-FN
G. Jablonowski, USEPA-V, AT-18j
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T. Patton, FERMCO

UNH NEUTRALIZATION PROJECT

WEEKLY REPORT

NOVEMBER 21, 1994

The UNH project was presented at a public meeting on November 14 at Crosby Elementary School. Approximately 35 people were in attendance.

Construction continues to lag behind schedule because of piping manpower constraints. There are no more pipefitters at the Cincinnati local. Other pipefitters which could be brought in would require extensive site training before they could be used. Therefore, a revised schedule was agreed upon which calls for completion by existing workforce by December 1. Weekend work has been scheduled and will be required to meet the schedule. Completion by December 1 will allow the System Operability Test (SOT) to begin on December 2, and is; therefore, not expected to impact the project completion.

The procurement of the portable dust collector for the EIMCO filter operation has been placed. A surcharge was added to expedite delivery of the equipment to December 16 rather than the scheduled December 23 delivery date.

Conduct of Operations training will begin on Monday, November 21 and run through November 23. Other training will commence on November 28. Final review of the lesson plans occurred on Wednesday, November 16. Comments are being incorporated and signoff will occur by COB November 23. Overview training for all support personnel (Rad techs, Maintenance, etc.) will occur on December 1 at 7:30 am at the Plantation.

The agitator for tank F1-26 was started on Thursday afternoon, after water had been placed in the tank. After 5 minutes, the motor ceased operation. An inspection determined that the motor windings had shorted out. Replacement of the motor is being pursued. The warehouse contains replacement motors up to 50 horsepower (HP) however, this motor is 60 HP. Calculations are being prepared to see if a 50 HP will work. If no motor is found, the motor from F1-25 will be relocated to F1-26 as an interim measure.

A plan of action (POA) for performing the Operational Readiness Review (ORR) was completed on November 18. The POA will be presented to Mr. Grumbly on November 21. The plan calls for the FERMCORR to begin November 28 on core requirements 6, 7, 8, 11, and 14. Other core requirements would be turned over to the team in subsequent weeks. The final group of core requirements would be expected to be turned over by COB on December 19. However, on the job training would continue to be accomplished after the 19th and continue up to commencement of operations on January 16. The DOE-ORR is scheduled to occur the week of January 3-7. DNSFB conduct of operations assessment is scheduled for January 9-11. Any prestart findings will be corrected during the week of January 9-13.

Consideration is being given to having a closeout meeting of the ORR with DNFSB, DOE-HQ, DOE-FN, FERMCORR, and EPAs on January 11 to status all where the project stands.