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**REMOVAL ACTION WORKPLAN FOR URANYL NITRATE HEXAHYDRATE
NEUTRALIZATION, REMOVAL ACTION NUMBER 20**

06/20/94

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LETTER



Department of Energy
Fernald Environmental Management Project
P. O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 648-3155

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JUN 20 1994
DOE-1964-94

Mr. James A. Saric, Remedial Project Manager
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 45402-2086

Dear Mr. Saric and Mr. Schneider:

REMOVAL ACTION WORKPLAN FOR URANYL NITRATE HEXAHYDRATE NEUTRALIZATION, REMOVAL ACTION NUMBER 20

Reference: 1) Letter, J. P. Hamric to T. A. Winston, "Submittal of Removal Action Work Plan for the Uranyl Nitrate Removal Action and Status of Leak Repairs," dated June 3, 1994.

Enclosed for your review and approval is a Removal Action Workplan for the Uranyl Nitrate Hexahydrate (UNH) Neutralization Project, previously identified as Removal Action No. 20, Stabilization of UNH Inventories.

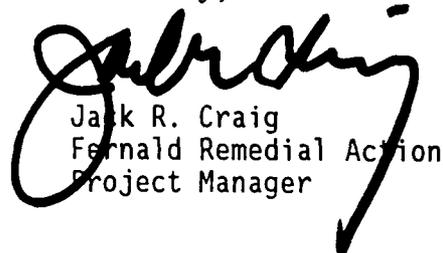
The UNH Work Plan presents the Fernald Environmental Management Project (FEMP) plan for safely neutralizing and disposing of approximately 200,000 gallons of uranium dissolved in nitric acid. The UNH was "material in process" until June 1991 when it was declared a mixed hazardous waste under the Resource Conservation and Recovery Act (RCRA). The UNH solutions are stored in nineteen tanks on-site. A schedule for start-up and completion of the project was provided in the Master Plan (Reference 1) on June 3, 1994.

In addition to the nineteen tanks of UNH solution to be neutralized as described in this workplan, other materials currently being stored at the FEMP are currently being evaluated for potential processing using the equipment and methods put in place for the UNH Neutralization Project. A more detailed description of these materials, and the plans for their processing is currently being prepared and will be submitted for your review.

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As was discussed in the referenced letter, the current schedule for completing construction, training, readiness reviews and initiation of UNH processing is an aggressive one. Your review and approval of the enclosed workplan as soon as possible will be appreciated. If you have any questions regarding this workplan or require additional information, please contact Ed Skintik at (513) 648-3151 or Johnny Reising at (513) 648-3139.

Sincerely,



Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Trygier

Enclosure: As Stated

cc w/enc:

K. A. Chaney, EM-423, TREV
~~AR Coordinator, FERMCO~~

cc w/o enc:

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