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**COMPLETION OF REMOVAL ACTION NO. 29 -
EROSION CONTROL AT INACTIVE FLYASH PILE**

03/02/94

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Department of Energy
Fernald Environmental Management Project
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MAR 02 1994
DOE-1050-94

Mr. James Saric, Remedial Project Director
U.S. Environmental Protection Agency
Region V - 5HRE-8J
77 W. Jackson Boulevard
Chicago, IL 60606-3590

Mr. Graham Mitchell, Project Manager
Ohio Environmental Protection Agency
40 South Main Street
Dayton, OH 45402-2085

Dear Mr. Saric and Mr. Mitchell:

COMPLETION OF REMOVAL ACTION NO. 29 - EROSION CONTROL AT INACTIVE FLYASH PILE

Removal Action No. 29, Erosion Controls at Inactive Flyash Pile (IFAP), has been completed. The removal action was implemented in two phases. The first phase was an emergency removal action consisting of a maintenance response to the impending release of contaminants into Paddys Run, and the second phase was an analysis of alternatives, detailed engineering, and construction of the approved solution.

Field activities for the first phase of the removal action began April 20, 1993, and finished May 4, 1993. This phase included construction of a gravel access road to the area and the installation of a weighted stone berm approximately 220 feet in length and 8 feet deep (approximately 1,000 CY of fill material).

The second phase of the project included an alternative evaluation, detailed engineering of the approved solution and construction of that option. The final decision was based on detailed design options and relative cost versus overall performance ratings. The option that was chosen consisted of raising the overall height of the first phase berm by approximately 3 feet. In the critical central portion of the berm, the top elevation was increased to between 540 and 542 feet Mean Sea Level (MSL). Toe protection was also installed to insure the stability of the berm itself. The second phase construction activities were conducted from August 26 through September 24, 1993.

The stone berm and toe protection will be subject to inspection and maintenance until the IFAP is remediated. Inspections will be performed quarterly. It is anticipated that the inspections will sometimes identify the need to add stone to the toe protection. Stone has been stockpiled close to the IFAP for that purpose.

Sincerely,



Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Warner



cc:

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