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FLUOR GLOBAL SERVICES

May 11, 2000

Fernald Environmental Management Project
Letter No. C: SWP(ARWWP):2000-0010

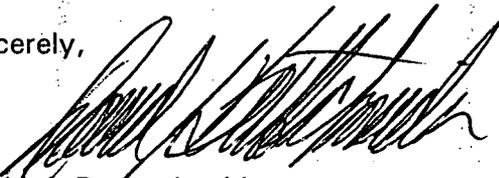
Mr. Thomas A. Winston, District Chief
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio 45402-2911

Dear Mr. Winston:

**NONCOMPLIANCE REPORT - APRIL 2000 - NPDES PERMIT NUMBER 1100000*FD -
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP)**

Enclosed is the Noncompliance Report for April 2000. If you have any questions, please contact Mr. Frank Johnston at (513) 648-5294.

Sincerely,



David J. Brettschneider
Project Manager

DJB:FLJ

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File Record Subject
Project Number 52700

NONCOMPLIANCE REPORT
NPDES PERMIT NO. 11000004*FD
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT
U.S. DEPARTMENT OF ENERGY

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The following table describes the April 2000 noncompliances with the discharge limitations specified in the FEMP NPDES Permit. This table lists the affected outfall, dates of the noncompliance, parameter, permit limits, and measured effluent concentrations.

SEWAGE TREATMENT PLANT EFFLUENT - OUTFALL *4601			
DATE	PARAMETER	PERMIT LIMIT	ACTUAL MEASUREMENT
April 3, 2000	TSS Concentration	40 mg/l	55.0 mg/l
April 2000	TSS Monthly Average	20 mg/l	23.3 mg/l

As discussed in the March 2000 Noncompliance Report, the TSS noncompliances at the sewage treatment plant are likely related to one (or a combination) of the following factors:

- Significant precipitation occurred on April 2 and 3, 2000. A little over 1.3 inches of rainfall was measured over the course of these two days. The FEMP has had problems with excessive infiltration/inflow in the past
- Change in the weekly flow pattern due to the new site work schedules. This has resulted in a reduction of flow of about 20% from February
- Fluctuating water temperatures (seasonal problem)
- Over-oxidation of the mixed liquor

The problems with suspended solids control in the STP effluent are not having an adverse impact on the final outfall to the Great Miami River (Outfall 4001). The TSS measured on April 3, 2000 at 4001 was less than 2.0 mg/l, while the monthly average TSS concentration at 4001 was 2.2 mg/l.

Fluor Fernald operations staff will continue to closely monitor the operation of the STP and make adjustments as appropriate.