



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

8157

REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

FERNALD
LOG B-1530

2001 JUN 15 P 12:51

FILE: _____

REPLY TO THE ATTENTION OF

LIBRARY: _____

JUN 14 2001

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

SRF-5J

RE: OU 5 ESD

Dear Mr. Reising:

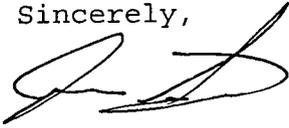
The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) draft Explanation of Significant Differences (ESD) document outlining changes to the Operable Unit (OU) 5 Record of Decision for the groundwater final remediation level for uranium, and the monthly average uranium discharge standard to the Great Miami River.

The ESD was prepared as a result of the recently promulgated final Maximum Contaminant Level (MCL) for uranium under the Safe Drinking Water Act. The MCL for Uranium in groundwater was changed from the proposed 20 micrograms per liter to the recently promulgated final 30 micrograms per liter.

U.S. EPA has found the document to be adequate, but has a few comments which are attached. Therefore, U.S. EPA approves the ESD for OU 5 pending receipt of a revised ESD adequately addressing U.S. EPA's attached comments. U.S. DOE must submit responses to U.S. EPA's comments and a revised document incorporating those responses within thirty (30) days receipt of this letter.

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
Kim Chaney, U.S. DOE-HDQ
John Bradburne, Fluor Fernald
Terry Hagen, Fluor Fernald
Tim Poff, Fluor Fernald

U.S. EPA COMMENTS ON THE OPERABLE UNIT 5
EXPLANATION OF SIGNIFICANT DIFFERENCES

1. Commenting Organization: U.S. EPA Commentor: Saric
Section: Page: 1 Line:
Comment:
The signatory for U.S. EPA should read:
Willam E. Munro, Director
Superfund Division
United States Environmental Protection Agency - Region V

2. Commenting Organization: U.S. EPA Commentor: Saric
Section: Page: Line:
Comment:
The document must be revised to better explain the process used to originally select the proposed MCL of 20ug/L as the FRL, and the risk methodology used to change the MCL from 20 to 30 ug/L. Also, the change in risk presented by the proposed revision to the FRL should be included. This will aid the public in their understanding of the revision.

3. Commenting Organization: U.S. EPA Commentor: Saric
Section: 1.2 and 3.1 Page: Line:
Comment:
A specific reference to the proposed MCL document (*Federal Register* Volume 58, Number 138, pages 33050 and following, July 18, 1991) should be added to sections 1.2 and 3.1.