



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

-8185

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

FERNALD _____
LOG C-01303

2002 MAY 31 A 9:57

FILE: 6446.2B6
REPLY TO THE ATTENTION OF:

MAY 30 2002

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 1 ESD

Dear Mr. Reising:

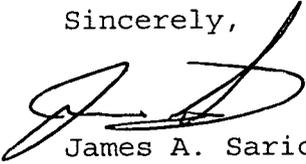
The United States Environmental Protection Agency (U.S. EPA) has completed its review of the United States Department of Energy's (U.S. DOE) draft Explanation of Significant Differences (ESD) document outlining changes to the Operable Unit (OU) 1 Record of Decision for the processing of certain non-OU 1 waste streams through the OU1 remedial infrastructure.

The ESD was prepared as a result of a determination that there are cost efficiencies as well as safety advantages in using the OU 1 remedial infrastructure to process for disposal other site waste streams originating outside of OU 1.

U.S. EPA has found the document to be adequate, but has enclosed comments. Therefore, U.S. EPA approves the ESD for OU 1 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
Sally Robison, U.S. DOE-HDQ
Jamie Jameson, Fluor Fernald
Terry Hagen, Fluor Fernald
Tim Poff, Fluor Fernald

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 1.2 Page #: 5 Line #: NA
General Comment #: 11
Comment: In the third paragraph, fourth sentence insert "OU 5"
after "of" and before "soil."

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 3.0 Page #: 5 Line #: NA
General Comment #: 12
Comment: In the fourth paragraph, fourth sentence explain how
processing additional FEMP waste streams through the OU 1
remediation facility may be a significant element of the OU 1
remediation process.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 3.0 Page #: 5 Line #: NA
General Comment #: 13
Comment: In the fifth paragraph, second sentence in lieu of
"low level" insert a number or reference some other objective
standard for limiting the radiological concentration in these
other waste streams. The criteria could be listed in bullet
form.

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 3.0 Page #: 5 Line #: NA
General Comment #: 14
Comment: In the fifth paragraph, fifth sentence this should be
a new paragraph and be revised to read "The OU 5 and 2000
containers of enriched uranium waste are discussed herein as
examples."

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 3.0 Page #: 5 Line #: NA
General Comment #: 15
Comment: In the fifth paragraph, revise the sixth sentence as
follows: "However, any FEMP waste stream that meets the criteria
listed above may be managed in the OU 1 remediation facility."

Commenting Organization: U.S. EPA Commentor: Saric
Section #: 3.0 Page #: 5 Line #: NA
General Comment #: 16
Comment: In the sixth paragraph, third sentence insert "Federal

