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**BACKGROUND CONCENTRATIONS FOR USE IN
OPERABLE UNIT (OU) 2 REMEDIAL
INVESTIGATION (RI) REPORT**

03-04-92

**DOE-1291-92
DOE-FN/EPA
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LETTER**



Department of Energy
Fernald Environmental Management Project
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

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APR 04 1992

DOE-1291-92

Mr. James A. Saric, Remedial Project Director
U. S. Environmental Protection Agency
Region V - 5HRE-8J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

Mr. Graham E. Mitchell, Project Manager
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402-2086

Dear Mr. Saric and Mr. Mitchell:

BACKGROUND CONCENTRATIONS FOR USE IN OPERABLE UNIT (OU) 2 REMEDIAL INVESTIGATION (RI) REPORT

Enclosed is a report entitled, "Determination of Upper tolerance Limits for Radionuclides and Chemicals for Surface Soils at the FEMP." This report identifies the background values the Department of Energy (DOE) proposes to employ for surface soils for the OU 2 RI Report.

The determination of the distribution type (normal/log, normal) was made in accordance with the methodology presented in Section 4.0 of the RI/FS Risk Assessment Work Plan Addendum. The upper tolerance limits (UTLs) were determined following the methodology defined within the same reference.

No regional values have been located for antimony and thallium. Regional data in units of mass concentration are likewise not available for cesium-137 and strontium-90. For purposes of the OU 2 RI, the UTLs for these constituents will be assumed to be zero.

If you or your staff have any questions, please contact me at FTS 774-6159 or (513) 738-6159.

Sincerely,

for 

Jack R. Craig
Fernald Remedial Action
Project Manager

FN:Craig

Enclosure: As Stated

cc w/enc.:

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