



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR
40-8025

APR 10 1981



Dr. Donald R. Phoenix, Ph.D.
Manager, Life Systems Department
Weston Environmental
Weston Way
West Chester, Pennsylvania 19380

Dear Dr. Phoenix:

This is to confirm our recent telephone conversation concerning the estimated volume of contaminated soil that needs to be removed from the former Cotter Corporation site at 9200 Latty Avenue in Hazelwood, Missouri. As we discussed, the volume of soil to be removed will be contingent upon the decontamination criteria imposed. The original estimate of 20,000 cubic yards (yds³) was made by assuming that 1 foot of soil would be removed from the entire 11 acre site. This estimate was increased to 30,000 yds³ when an estimated 15,000 yds³ was removed from approximately 6 acres and additional contamination was discovered offsite on the south and east boundaries.

In regard to your question concerning an upper design limit for receiving this material at the airport site, I would suggest that you use an estimated 50,000 yds³, although I must emphasize that this is strictly my best guess; others have guessed lower and as you know, still others have guessed much higher.

If I can be of further assistance please feel free to call me at (301) 427-4100.

Sincerely,

W. T. Crow, Section Leader
Uranium Process Licensing Section
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety

cc: ELKeller
RWRamsey

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