



July 13, 1998

Ms. Orysia Masnyck-Bailey
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323-0199

SUBJECT: REPORT OF DATA FOR ANALYSIS OF SOIL SAMPLES COLLECTED FROM FORT McCLELLAN, ALABAMA, APRIL 15, 1998 (RFTA 98-18)

Dear Ms. Bailey:

The Environmental Survey and Site Assessment Program (ESSAP) of the Oak Ridge Institute for Science and Education (ORISE) performed analysis on two soil samples for strontium-90. The results for each sample is presented below with concentration, uncertainty, and minimum detectable concentration (MDC). The uncertainties represent the 95% confidence level, based on total propagated uncertainties.

<u>Sample</u>	<u>Sr-90 (pCi/g)</u>	<u>MDC</u>
030-14759-01	0.02 ± 0.51	0.90 pCi/g
030-14759-02	0.08 ± 0.46	0.80 pCi/g

ESSAP's Quality Control (QC) procedures were followed for these analyses. The daily QC and detector background for the counting instrumentation used in the analyses were within acceptable limits. The QC files are available for your review upon request.

Please contact me at (423) 241-3242 or Mark Laudeman at (423) 576-3561 with any questions or comments.

Sincerely,

Dale Condra
Technical Resources Manager
Environmental Survey and
Site Assessment Program

RDC:MJL:kew

cc: R. Uleck, NRC/NMSS/TWFN/7F27
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