

**ORISE**  
OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

December 23, 2005

Mr. Peter Lee  
U.S. Nuclear Regulatory Commission  
Region III  
2443 Warrenville Road  
Lisle, IL 60532-4351

**SUBJECT: ANALYTICAL RESULTS FOR TWO SOIL SAMPLES FROM THE BATTELLE COLUMBUS LABORATORIES DECOMMISSIONING PROJECT, COLUMBUS, OHIO**  
**[TAC NO. 070-00008/05-004] (RFTA NO. 06-001)**

Dear Mr. Lee:

The Environmental Survey and Site Assessment Program (ESSAP) of the Oak Ridge Institute for Science and Education (ORISE) received two soil samples on November 23, 2005 that were collected on November 16, 2005 at the Battelle Columbus Laboratories Decommissioning Project in Columbus, Ohio. The samples were analyzed by gamma spectroscopy (GS) (Procedure CP1, Revision 15). Other than naturally occurring radioactive material, cesium-137 (Cs-137) was the only isotope that was identified. The concentration of Cs-137 in sample number 1 was  $4.02 \pm 0.18$  pCi/g and the concentration of Cs-137 in sample number 2 was  $43.2 \pm 1.5$  pCi/g.

ESSAP's Quality Control (QC) requirements were met for these analyses. The QC files are available for your review upon request.

If you have any questions, please call me at (865) 241-3242 or Wade Ivey at (865) 576-9184.

Sincerely,



Dale Condra  
Laboratory Manager  
Environmental Survey and  
Site Assessment Program

RDC:WPI:ar

Enclosure

cc: T. McLaughlin, NRC/NMSS/T-7E18                      E. Abelquist, ORISE/ESSAP  
E. Knox-Davin, NRC/NMSS/TWFN T8A23                S. Kirk, ORISE/ESSAP  
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| Distribution approval and concurrence: | Initials   |
|--|------------|
| Technical Management Team Member       | <i>SK</i>  |
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