

December 20, 2002

Mr. Sattar Lodhi
U. S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

SUBJECT: ANALYTICAL RESULTS FOR SAMPLES COLLECTED OCTOBER 29 AND 30, 2002 AT THE UNITED STATES DEPARTMENT OF AGRICULTURE-NATIONAL ANIMAL DISEASE CENTER, AMES, IOWA (INSPECTION REPORT NUMBER 03004530/2002-001, RFTA 03-001)

Dear Mr. Lodhi:

The Environmental Survey and Site Assessment Program (ESSAP) of the Oak Ridge Institute for Science and Education (ORISE) received one water sample on November 1, 2002 that was collected on October 29, 2002 and five soil samples on November 2, 2002 that were collected on October 30, 2002 at the United States Department of Agriculture (USDA)-National Animal Disease Center in Ames, Iowa. Percent solids determination (Procedure SP3, Revision 0) was performed on the soil samples. Then analyses for tritium (Procedures AP2, Revision 12 and AP6, Revision 12; CP4, Revision 1), carbon-14 (Procedures AP6, Revision 12 and Non-routine AP9, Revision 0; CP4, Revision 1), and nickel-63 (Non-routine AP12, Revision 2; CP4, Revision 1) were performed on all of the samples. The results for the water sample are presented in pCi/L. The results for the soil samples are presented in pCi/g-wet weight for tritium and carbon-14 and pCi/g-dry weight for nickel-63. The data are provided in Tables 1 through 7.

ESSAP's Quality Control (QC) procedures were followed for these analyses. Analytical and instrumentation QC for these analyses were within acceptable limits. The QC files are available for your review upon request.

Please contact me at (865) 241-3242 or Wade Ivey at (865) 576-9184 with any questions or comments.

Sincerely,

Dale Condra
Laboratory Manager
Environmental Survey and
Site Assessment Program

RDC:WPI:ar

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