

# ORISE

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

April 25, 2003

Mr. Bob Evans  
U.S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive  
Region IV: DNMS:NMLB  
Suite 400  
Arlington, TX 76011

APR 30 2003

**SUBJECT: ANALYTICAL RESULTS FOR SMEAR SAMPLES FROM KAISER ALUMINUM AND CHEMICAL CORPORATION, TULSA, OKLAHOMA (INSPECTION REPORT #040-02377/03-01) [RFTA NO. 03-001]**

Dear Mr. Evans:

The Environmental Survey and Site Assessment Program (ESSAP) of the Oak Ridge Institute for Science and Education (ORISE) received 18 smear samples and two background smear samples on April 14, 2003 that were collected on April 10, 2003 at Kaiser Aluminum and Chemical Corporation. The samples were analyzed for gross alpha by low background alpha/beta counting (Procedure AP1, Revision 13 and Procedure CP3, Revision 1). The result for each smear was below the requested Minimum Detectable Activity (MDA) of 10 dpm. Per your instructions on April 15, 2003, there will be no data table issued with this report.

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 (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

cc: G. Purdy, NRC/NMSS/TWFN 7F27      W. Beck, ORISE/ESSAP  
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| Distribution approval and concurrence : | Initials          | Date      |
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| Technical Management Team Member        | WCA for T. Vitkus | 4/24/2003 |
| Quality Manager                         | ATP               | 4/24/2003 |