

KAISER ALUMINUM
CORPORATE ENVIRONMENTAL

October 19, 2000

VIA FAX

410-2377

Mr. John Buckley
Nuclear Regulatory Commission
TWFN, 7F27
Washington, DC 20555-0001

Re: Kaiser Tulsa Adjacent Land Remediation; Survey Unit 1

Dear Mr. Buckley:

Kaiser Aluminum & Chemical Corporation's (Kaiser) remediation contractor, A&M Engineering, has completed excavation of Survey Unit 1 which consists of portions of grids No. 52, No. 53, No. 54, No. 55, No. 57, No. 58, No. 59, No. 60 and No. 166, located along the fence line between Red Man Pipe and Beejay, Inc. Kaiser's QA/QC Coordinator, Earth Sciences Consultants, Inc. (ESC), has completed final status survey activities for Survey Unit 1 and analytical results have been received from Outreach Laboratories. In accordance with the remediation plan and the final status survey plan, twenty five soil samples were collected and analyzed. The net ²³²Th average result was 0 pCi/g (range 0 pCi/g – 0.93 pCi/g). Net total thorium, which was calculated in accordance with the remediation plan, averaged 0 pCi/g (range 0 pCi/g – 5.16 pCi/g). All results were adjusted for background. Based on gamma scans and sampling of soil within the grids in accordance with NUREG/CR-5849, we conclude that Survey Unit 1 meets remediation limits established in the Kaiser Tulsa Adjacent Land Remediation Plan.

Kaiser understands that NRC concurrence that Survey Unit 1 meets remediation limits will rely on NRC's review of the Final Radiological Status Report to be submitted at the end of the project.

Kaiser is interested in back-filling excavations associated with Survey Unit 1 as soon as practicable. We would like to do so as a safety measure and to minimize inconvenience to our neighbors. Expeditious backfilling will also minimize unnecessary collection of rain water. Kaiser understands that since we will be closing these excavations prior to NRC approval of the Final Radiological Status Report, we will be doing so at risk. However, we feel that safety and logistical issues outweigh that risk, and, based on the informal results of the NRC inspector's October 16, 2000 visit, we are confident that remediation of Survey Unit 1 will ultimately meet with NRC approval.

Also, for your information, in accordance with the remediation plan and Kaiser procedure KAI-09, Audit Procedure Adjacent Land Remediation Project, Kaiser has conducted an audit of all contractors. Additionally Earth Sciences has conducted an independent audit of Outreach Laboratories.

Please notify me in writing at your earliest convenience of your concurrence with Kaiser's plan to backfill Survey Unit 1. My fax number is 225/231-5113. If you have any questions, call me at 225/231-5116.

Very truly yours,



J. W. (Bill) Vinzant, P.E.
Regional Environmental Manager

JWV/shh

cc: Mr. Louis Carson II – United States Nuclear Regulatory Commission
Ms. Pamela Bishop – Oklahoma Department of Environmental Quality
Mr. Stephen L. Jantzen – State of Oklahoma
Dr. Max Scott – ADA Consultants
John Donnan – Houston
Lamar Nichols – Tulsa
Dave Tourdot – Earth Sciences
Al Gutterman – Morgan, Lewis & Bockius
Irfan Taner – A&M
Paul Handa – Tulsa
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