

March 12, 2009

Ms. Judith Deel, Archaeologist
State Historic Preservation Office
ATTN: Review and Compliance
1101 Riverside Drive
Jefferson City, MO 65101

SUBJECT: REQUEST FOR CONCURRENCE ON THE DETERMINATION OF EFFECTS
ON HISTORIC PROPERTIES FOR THE SIGMA ALDRICH CHEMICAL
COMPANY'S FT. MIMS, MARYLAND HEIGHTS, MO FACILITY

Dear Ms. Deel:

This refers to our March 5, 2009, telephone conversation regarding the NRC review of an application for license termination and unrestricted release of the Sigma Aldrich Chemical Company's Ft. Mims Facility (built in 1968) located at 11542 Fort Mims Drive, Maryland Heights, Missouri.

To supplement our discussion I am providing additional background as follows: Sigma's use of radioactive materials at the Ft. Mims site consisted of research and development activities as defined in 10 CFR 30.4, storage, processing and production of labeled compounds for distribution to authorized customers. The licensee used radioactive materials in the building starting in 1975, and ceased production activities at the facility on September 30, 2008. The NRC is currently reviewing a decommissioning plan for the Company (ADAMS Accession No. ML083010187). After approval of the decommissioning plan, the licensee will remove equipment and associated contamination until it meets NRC unrestricted use limits. The NRC will inspect the licensee during conduct of decommissioning activities, review the licensee's final status survey, and perform independent confirmatory surveys to ensure acceptability for unrestricted use prior to termination of the Company's license.

After a review of the potential impacts of the proposed action, we have concluded that there are no historical properties within the area of potential effect. To support our conclusion we have enclosed a completed Missouri Department of Natural Resources, State Historic Preservation Office, and Section 106 Project information Form (ADAMS Accession No. ML090710287). We request your concurrence with this determination that the proposed action does not adversely affect any historical properties.

J. Deel

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If you have any questions, please contact me at (630) 829-9856 or by E-mail at mike.mccann@nrc.gov.

Sincerely,

/RA/

Mike McCann, Project Manager
Senior Health Physicist
Materials Control, ISFSI, & Decommissioning
Branch
Division of Nuclear Materials Safety
NRC Region III

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Enclosure(s): As stated

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