

August 19, 2009

Mr. Thomas K. Spencer
Manager and Radiation Safety Officer
Sigma-Aldrich Chemical Company
Bio-Organics Small Scale
3500 DeKalb Street
St Louis, MO 63118

SUBJECT: NRC INSPECTION REPORT 150-00020/09-04 (DNMS) FOR PHILOTECHNICS,
LIMITED REGARDING THE SIGMA-ALDRICH CHEMICAL COMPANY'S FORT
MIMS FACILITY, MARYLAND HEIGHTS, MISSOURI

Dear Mr. Spencer:

This refers to the July 9, 2009, U.S. Nuclear Regulatory Commission (NRC) reciprocity decommissioning inspection of Philotechnics, Ltd., an NRC Agreement State licensee, performed at the Sigma-Aldrich Company's Fort Mims Facility, Maryland Heights, Missouri. Since your contractor's activities are integral to your NRC approved decommissioning plan, a copy of the inspection report is enclosed for your records.

Based on the NRC's confirmatory survey findings and the NRC review of Sigma-Aldrich Chemical Company's contractor's final status survey reports for the Fort Mims Facility, the NRC has no further questions regarding the unrestricted use of the Fort Mims building. Thus, the NRC has no objection to the initiation of Phase 2, which is described in Sigma-Aldrich Company's letter dated October 22, 2008, involving the characterization, evaluation and final status survey of the site soils following the demolition of the building.

I am requesting that you communicate to my staff, Mr. Mike McCann (630) 829-9856 or Ms. Katie Streit, (630) 829-9621, the schedule relating to the demolition of the building, and the start of site characterization and survey activities, prior to the initiation of these activities.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>

T. Spencer

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If you have any questions, please do not hesitate to contact me at (630) 829-9834 or the members of my staff mentioned above.

Sincerely,

/RA/

Christine A. Lipa, Branch
Materials Control, ISFSI,
and Decommissioning Branch

License No. 24-16273-01
Docket No. 030-10716

Enclosure:
As stated

cc (w/o encl): R. Fahey, Project Manager
Philotechnics
J. Langston, MDHSS
K. Henke, MDHSS

T. Spencer

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Philotechnics
J. Langston, MDHSS
K. Henke, MDHSS

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*See previous concurrence

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