

June 10, 2011

Mr. Thomas K. Spencer, Production Manager
Radiation Safety Officer
Sigma-Aldrich Company
3500 DeKalb Street
Saint Louis, MO 63118

SUBJECT: TRANSFER OF U.S. NUCLEAR REGULATORY COMMISSION PROJECT
MANAGEMENT OF THE SIGMA-ALDRICH COMPANY'S FORT MIMS SITE
FROM REGION III TO HEADQUARTERS

Dear Mr. Spencer:

By letter dated February 2, 2011, Sigma-Aldrich requested the release of the Fort Mims site for unrestricted use. The U.S. Nuclear Regulatory Commission (NRC) in a March 11, 2011, letter requested additional information regarding potential impacts due to an on-site septic tank found under the foundation of your former production building.

Based on our review of your information, we have determined that due to the type, quantity, and dispositional characteristics of the contamination existing at the Sigma-Aldrich Fort Mims site, that the site should be reclassified as a Group 5 site in accordance with the criteria outlined in NUREG-1757, "Consolidated Decommissioning Guidance," Volume 1. Specifically, the Fort Mims site has been reclassified since the new dose assessment assumes groundwater contamination is present. Furthermore, in accordance with the NUREG-1757 guidance, the NRC regional office is transferring the management of the decommissioning project to the NRC Headquarters Office of Federal and State Materials and Environmental Management Programs (FSME) for an efficient review of your submittal. A member of the FSME staff will notify you shortly with a name of a new project manager.

In accordance with Title 10 of the Code of Federal Regulations (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

-2-

If you have any questions regarding this letter, please do not hesitate to contact Katie Streit at (630) 829-9621 or Paul Michalak of FSME at (301) 415-7612.

Sincerely,

/RA/ by George M. McCann
For/

Christine Lipa, Chief
Materials Control, ISFSI, and
Decommissioning Branch
Division of Nuclear Materials Safety

License No. 24-16273-01

Docket No. 030-10716

cc: K. Henke, Missouri Department of Health
and Senior Services (MDHSS)
J. Langston, MDHSS

T. Spencer

-2-

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cc: K. Henke, Missouri Department of Health
and Senior Services (MDHSS)
J. Langston, MDHSS

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