



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

MAY 24 2010

Thomas K Spencer / Manager and
Radiation Safety Officer
Sigma-Aldrich Chemical Company
Bio-Organics Small Scale
3500 Dekalb Street
Saint Louis, MO, 63118

**SUBJECT: AUTHORIZATION FOR TEMPORARY STORAGE OF
DECOMMISSIONING WASTES, AMENDMENT 7 TO NRC
LICENSE NO. 24-16607-03**

Dear Mr. Spencer:

In accordance with your May 17, 2010, letter the NRC has amended your NRC license No.24-16607-03, authorizing the temporary storage of decommissioning wastes from your Ft. Mims Facility, St. Louis, MO. Please review the attached license to ensure that it reflects your request.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c) (14) (vii).

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this letter or the attached license amendment, please do not hesitate to contact me at (630) 829-9856.

Sincerely,

A handwritten signature in black ink, appearing to read "George M. McCann".

George M. McCann
Materials Control, ISFSI, and
Decommissioning Branch

License No. 24-16607-03
Docket No. 030-10716

Enclosure: As stated