

NUCLEAR REGULATORY COMMISSION

DOCKET NO. 030-10716

NOTICE OF CONSIDERATION OF AMENDMENT REQUEST FOR DECOMMISSIONING OF
THE SIGMA-ALDRICH CHEMICAL COMPANY'S FORT MIMS FACILITY, MARYLAND
HEIGHTS, MISSOURI AND OPPORTUNITY TO REQUEST A HEARING

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice of amendment request and opportunity to request a hearing.

DATES: A request for a hearing must be filed by February 27, 2009.

FOR FURTHER INFORMATION CONTACT: George M. McCann, Senior Health Physicist,
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Region III, U.S. Nuclear Regulatory Commission, 2443 Warrenville Road, Lisle, Illinois 60532;
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SUPPLEMENTARY INFORMATION:

I. Introduction

The Nuclear Regulatory Commission (NRC) is considering issuance of a license amendment to Byproduct Material License No. 24-16273-01 issued to the Sigma-Aldrich Chemical Company (the Licensee) pursuant to 10 CFR Part 30. By application dated October 22, 2008, the Licensee requested authorization to decommission its Fort Mims Facility, (the Facility) at 11452 Fort Mims Drive, Maryland Heights, Missouri, under its proposed Decommissioning Plan (DP) submitted as part of the application (see ADAMS ML083010187).

The two-story Facility consists of approximately 20,000 square feet of laboratory and office space. The Facility is located on a 1 acre parcel in a commercial/light industrial park.

Radioactive materials were used in specific areas within this Facility since 1975. Actual production activities were suspended at the facility on September 30, 2008. Radioactive materials usage at the site consisted of research and development activities as defined in 10 CFR 30.4 and storage, processing and use in the production of labeled compounds for distribution to authorized recipients. The radioactive materials used at the Fort Mims facility consisted of carbon-14 and hydrogen-3.

An NRC administrative review, documented in a letter to the Sigma-Aldrich Chemical Company dated November 25, 2008, found the DP acceptable to begin a technical review.

If the NRC approves the DP, the approval will be documented in an amendment to NRC License No. 24-16273-01. However, before approving the proposed amendment, the NRC will need to make the findings required by the Atomic Energy Act of 1954, as amended, and NRC's regulations. These findings will be documented in a Safety Evaluation Report and an Environmental Assessment and/or an Environmental Impact Statement. After the Commission verifies that the release criteria have been met, the Facility Operating License No. 24-16273-01 will be terminated.

II. Opportunity to Request a Hearing

The NRC hereby provides notice that this is a proceeding on an application for a license amendment regarding the decommissioning of the Licensee's Fort Mims Facility. Any person whose interest may be affected by this proceeding, and who desires to participate as a party, must file a request for a hearing and a specification of the contentions which the person seeks to have litigated in the hearing, in accordance with the NRC E-Filing rule, which the NRC promulgated in August 2007 (72 FR 49139, Aug. 28, 2007). The E-Filing rule requires participants to submit and serve documents over the internet or in some cases to mail copies on

electronic storage media. Participants may not submit paper copies of their filings unless they seek a waiver in accordance with the procedures described below.

To comply with the procedural requirements of E-Filing, at least ten (10) days prior to the filing deadline, the petitioner/requester must contact the Office of the Secretary by e-mail at HEARINGDOCKET@NRC.GOV, or by calling (301) 415-1677, to request (1) a digital ID certificate, which allows the participant (or its counsel or representative) to digitally sign documents and access the E-Submittal server for any proceeding in which it is participating; and/or (2) creation of an electronic docket for the proceeding (even in instances in which the petitioner/requester (or its counsel or representative) already holds an NRC-issued digital ID certificate). Each petitioner/requester will need to download the Workplace Forms Viewer™ to access the Electronic Information Exchange (EIE), a component of the E-Filing system. The Workplace Forms Viewer™ is free and is available at <http://www.nrc.gov/site-help/e-submittals/install-viewer.html>. Information about applying for a digital ID certificate is available on NRC's public website at <http://www.nrc.gov/site-help/e-submittals/apply-certificates.html>.

Once a petitioner/requester has obtained a digital ID certificate, had a docket created, and downloaded the EIE viewer, it can then submit a request for hearing or petition for leave to intervene. Submissions should be in Portable Document Format (PDF) in accordance with NRC guidance available on the NRC public website at <http://www.nrc.gov/site-help/e-submittals.html>. A filing is considered complete at the time the filer submits its documents through EIE. To be timely, an electronic filing must be submitted to the EIE system no later than 11:59 p.m. Eastern Time on the due date. Upon receipt of a transmission, the E-Filing system time-stamps the document and sends the submitter an e-mail notice confirming receipt of the document. The EIE system also distributes an e-mail notice that provides access to the document to the NRC Office of the General Counsel and any others who have advised the Office of the Secretary that

they wish to participate in the proceeding, so that the filer need not serve the documents on those participants separately. Therefore, applicants and other participants (or their counsel or representative) must apply for and receive a digital ID certificate before a hearing request/petition to intervene is filed so that they can obtain access to the document via the E-Filing system.

A person filing electronically may seek assistance through the "Contact Us" link located on the NRC website at <http://www.nrc.gov/site-help/e-submittals.html> or by calling the NRC technical help line, which is available between 8:30 a.m. and 4:15 p.m., Eastern Time, Monday through Friday. The help line number is (800) 397-4209 or locally, (301) 415-4737.

Participants who believe that they have a good cause for not submitting documents electronically must file a motion, in accordance with 10 CFR 2.302(g), with their initial paper filing requesting authorization to continue to submit documents in paper format. Such filings must be submitted by: (1) first class mail addressed to the Office of the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Rulemaking and Adjudications Staff; or (2) courier, express mail, or expedited delivery service to the Office of the Secretary, Sixteenth Floor, One White Flint North, 11555 Rockville Pike, Rockville, Maryland, 20852, Attention: Rulemaking and Adjudications Staff. Participants filing a document in this manner are responsible for serving the document on all other participants. Filing is considered complete by first-class mail as of the time of deposit in the mail, or by courier, express mail, or expedited delivery service upon depositing the document with the provider of the service.

Non-timely requests and/or petitions and contentions will not be entertained absent a determination by the Commission, the presiding officer, or the Atomic Safety and Licensing Board that the petition and/or request should be granted and/or the contentions should be

admitted based on a balancing of the factors specified in 10 CFR 2.309(c)(1)(i)-(c)(1)(viii). To be timely, filings must be submitted no later than 11:59 p.m. Eastern Time on the due date.

Documents submitted in adjudicatory proceedings will appear in NRC's electronic hearing docket which is available to the public at http://ehd.nrc.gov/EHD_Proceeding/home.asp, unless excluded pursuant to an order of the Commission, an Atomic Safety and Licensing Board, or a Presiding Officer. Participants are requested not to include social security numbers in their filings. With respect to copyrighted works, except for limited excerpts that serve the purpose of the adjudicatory filings and would constitute a Fair Use application, participants are requested not to include copyrighted materials in their submission.

The formal requirements for documents contained in 10 CFR 2.304(c)-(e) must be met. If the NRC grants an electronic document exemption in accordance with 10 CFR 2.302(g)(3), then the requirements for paper documents, set forth in 10 CFR 2.304(b) must be met.

In accordance with 10 CFR 2.309(b), a request for a hearing must be filed by February 27, 2009.

In addition to meeting other applicable requirements of 10 CFR 2.309, the general requirements involving a request for a hearing filed by a person other than an applicant must state:

1. The name, address, and telephone number of the requester;
2. The nature of the requester's right under the Act to be made a party to the proceeding;
3. The nature and extent of the requester's property, financial, or other interest in the proceeding;
4. The possible effect of any decision or order that may be issued in the proceeding on the requester's interest; and
5. The circumstances establishing that the request for a hearing is timely in accordance

with 10 CFR 2.309(b).

In accordance with 10 CFR 2.309(f)(1), a request for hearing or petitions for leave to intervene must set forth with particularity the contentions sought to be raised. For each contention, the request or petition must:

1. Provide a specific statement of the issue of law or fact to be raised or controverted;
2. Provide a brief explanation of the basis for the contention;
3. Demonstrate that the issue raised in the contention is within the scope of the proceeding;
4. Demonstrate that the issue raised in the contention is material to the findings that the NRC must make to support the action that is involved in the proceeding;
5. Provide a concise statement of the alleged facts or expert opinions which support the requester's/petitioner's position on the issue and on which the requester/petitioner intends to rely to support its position on the issue; and
6. Provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. This information must include references to specific portions of the DP that the requester/petitioner disputes and the supporting reasons for each dispute, or, if the requester/petitioner believes the application fails to contain information on a relevant matter as required by law, the identification of each failure and the supporting reasons for the requester's/petitioner's belief.

Requesters/petitioners should, when possible, consult with each other in preparing contentions and combine similar subject matter concerns into a joint contention, for which one of the co-sponsoring requesters/petitioners is designated the lead representative. Further, in accordance with 10 CFR 2.309(f)(3), any requester/petitioner that wishes to adopt a contention proposed by another requester/petitioner must do so, in accordance with the E-Filing rule, within

ten days of the date the contention is filed, and designate a representative who shall have the authority to act for the requester/petitioner.

In accordance with 10 CFR 2.309(g), a request for hearing and/or petition for leave to intervene may also address the selection of the hearing procedures, taking into account the provisions of 10 CFR 2.310.

III. Further Information

Documents related to this action, including the application for amendment and supporting documentation, are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. From this site, you can access the NRC's Agencywide Document Access and Management System (ADAMS), which provides text and image files of NRC's public documents. The ADAMS accession numbers for the documents related to this notice are:

Submittal Letter dated October 22, 2008 ML083010187

Sigma-Aldrich Fort Mims Facility Decontamination and
Decommissioning Plan ML083010187

Sigma-Aldrich Fort Mims Facility Soil Sampling and Analysis Plan ML083010187

If you do not have access to ADAMS or if there are problems in accessing the documents located in ADAMS, contact the NRC Public Document Room (PDR) Reference staff at 1-800-397-4209, 301-415-4737, or by email to pdr.resource@nrc.gov. These documents may also be viewed electronically on the public computers located at the NRC's PDR, O 1 F21, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852. The PDR reproduction

contractor will copy documents for a fee.

Dated at Lisle, Illinois, this 19th day of December 2008.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Christine A. Lipa, Chief
Materials Control, ISFSI and Decommissioning Branch
Division of Nuclear Materials Safety
Region III