

October 24, 2006

MEMORANDUM TO: Michael T. Lesar, Chief
Rules and Directives Branch
Division of Administrative Services
Office of Administration

FROM: Keith I. McConnell, Deputy Director **/RA/**
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

SUBJECT: NOTICE OF LICENSE TERMINATION FOR THE DOW
CHEMICAL COMPANY SITE IN BAY CITY, MICHIGAN -
LICENSE STB-527

Enclosed, please find one signed original, four copies, and an electronic version on a 3.5-inch diskette of the subject *Federal Register* Notice for transmittal to the Office of the Federal Register for publication.

ADM/DAS/RDB has been given owner's rights to the Notice in ADAMS ML062560221. Publicly available NRC documents referenced in the Notice have been finalized in ADAMS and profiled for public release. ADAMS accession numbers for all such documents are provided in the text under Further Information.

Docket No.: 040-00017
License No.: STB-527

Staff Contact: David Nelson, NMSS/DWMEP
Phone No.: (301) 415-6626

Enclosures:

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2. One 3.5-inch diskette (electronic version)

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DATE	9/27/06	3/29/06	10/13/06	10/19/06

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NUCLEAR REGULATORY COMMISSION

Docket No. 040-00017

**Notice of License Termination and Release of the Dow Chemical Company (TDCC) Site
In Bay City, Michigan for Unrestricted Use**

AGENCY: U.S. Nuclear Regulatory Commission

ACTION: Notice of License Termination and Site Release for Unrestricted Use

FOR FURTHER INFORMATION CONTACT: David W. Nelson, Materials Decommissioning Section, Division of Waste Management and Environmental Protection, NRC, Washington, D.C., 20555; telephone: (301) 415-6626; fax: (301) 415-5397; or e-mail at: dwn@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

Pursuant to 10 CFR Part 20 Subpart E, the U.S. Nuclear Regulatory Commission (NRC) is providing notice that it has terminated license STB-527 for the Dow Chemical Company (TDCC) (Licensee), and has released its Bay City, Michigan site for unrestricted use. The Licensee's requests for an amendment to authorize decommissioning of its Bay City, Michigan site was previously noticed in the *Federal Register* on July 19, 1996, and July 10, 1997.

In letters dated July 21, 1997, April 13, 2005 and October 6, 2005, TDCC provided final radiological status surveys to demonstrate that the site met the license termination criteria in 10 CFR Part 20 Subpart E. NRC staff conducted numerous inspections and confirmatory surveys including the collection of samples and independent measurements of on-site soils and building surfaces.

The NRC staff evaluated TDCC's requests and reviewed the results of the final radiological surveys. Based on those reviews, the staff determined that the site met the unrestricted release criteria in 10 CFR Part 20 Subpart E. The staff prepared a Safety Evaluation Report (SER) (ADAMS ML062500107) to support its termination of TDCC's Bay City license.

II. Further Information

In accordance with 10 CFR Part 2.790 of the NRC's "Rules of Practice," details with respect to this action, including the SER, 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 number for the termination letter with enclosed SER, titled "Release of the Dow Chemical Company. Bay City, Michigan, and Termination of License (License No. STB-527)" is ML062500107. If you do not have access to ADAMS or if there are problems in accessing a document 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@nrc.gov.

This document 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 NRC, Rockville, MD, this day of October 24th , 2006

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Keith I. McConnell, Deputy Director
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