


[Index](#) | [Site Map](#) | [FAQ](#) | [Facility Info](#) | [Reading Rm](#) | [New](#) | [Help](#) | [Glossary](#) | [Contact Us](#)[Google Custom Search](#) [Home](#) > [Facility Info Finder](#) > [Sites Undergoing Decommissioning](#) > [Complex Materials](#)

ABB Prospects, Inc. (Formerly C.E. Windsor)

1.0 Site Identification

Location: Windsor, CT
License No.: 06-00217-06; SNM-1067
Docket No.: 030-03754; 070-01100
License Status: Possession Only License
Project Manager: Laurie Kauffman

2.0 Site Status Summary

The ABB Prospects, Inc., (formerly Combustion Engineering-Windsor) site consisted of soils and building and surfaces contaminated with uranium and by-product material from operations that occurred from the late 1950s to the early 1960s. A site-wide Decommissioning Plan (DP) was received by NRC on April 7, 2003 and a revised DP, which includes modeling information, was received on October 15, 2003. On June 1, 2004, the license was amended to include the DP. On June 30, 2004, the licensee submitted the site-wide Final Status Survey (FSS) Plan. Under the current license 06-00217-06, the licensee removed interior systems, components, ducts, piping, conduits from Building Complex 17. Equipment and material are being released from the site using Regulatory Guide 1.86 criteria as permitted by the current license. The present license also permits the licensee to demolish the buildings of Building Complexes 2, 5, and 17 down to grade level only. FSS and sample collection of Building Complexes 2, 5, and 17 began in 2002 and demolition of the buildings was completed in July 2005. The waste materials were shipped off site to a licensed facility. The FSS Reports for the footprint land areas of the former Building 2, 5/6A, and 17 Complexes were submitted to the NRC on October 31, 2005, February 7, 2006, and May 2, 2006, respectively. The NRC completed its acceptance of each FSS Report and determined that the submissions were sufficiently complete for NRC to initiate a detailed technical review. The technical review is scheduled for completion by March 31, 2007. On June 30, 2005, the licensee submitted an application to renew the NRC SNM-1067 License, per the requirements for timely renewal. Also, the licensee must maintain the SNM-1067 License if any residual uranium is detected on surfaces and/or in soils being remediated by the United States Army Corps of Engineers (USACE), who is responsible for remediating certain areas of the site under the Formerly Utilized Sites Remedial Action Program (FUSRAP). NRC staff completed the renewal on January 18, 2006. If the USACE has remediated the FUSRAP areas, ABB Prospects, Inc. must demonstrate to the NRC that the entire site meets the criteria for unrestricted release in accordance with Subpart E of 10 CFR Part 20. The licensee estimates the cost of decommissioning to be approximately \$2.6 million, based on the licensee's Decommissioning Funding Plan dated 2003 for the NRC 06-00217-06 License.

The ABB Prospects, Inc., was used to manufacture nuclear fuels, and at various times, was used to conduct a research and development. The site's activities started in 1955 with an Atomic Energy Commission (AEC) contract for research, development, and manufacturing of nuclear fuel for the United States Navy. These activities include construction, testing, and operation of the SIC facility, a U.S. Naval test reactor.

3.0 Major Technical or Regulatory Issues

USACE is expected to issue a draft Feasibility Study report for NRC comment by the end of 2008. The site participated in the EPA Voluntary corrective Action Program and last met with U.S. EPA on March 11, 2005.

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4.0 Estimated Date For Closure

12/01/2010

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Friday, April 13, 2007