



December 21, 2011

RECEIVED  
REGION I

2011 DEC 27 AM 10:35

Docket No. 070-01100

L-7

Mr. John Nicholson  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

07001100

Subject: **Application for Termination of License No. SNM-1067**

Reference: **Generic Letter from NRC: Notice of Expiration Dated November 1, 2011**

Dear Mr. Nicholson:

The Reference document from NRC alerts ABB that License No. SNM-1067 should be renewed or terminated at least thirty (30) days prior to expiration (January 31, 2012). ABB Inc. (ABB) hereby submits this application for termination of License No. SNM-1067 in accordance with the provisions of Title 10 Code of Federal Regulations Part 70, §70.38(k). Remediation activities at the Windsor Site have been completed. The SNM-1067 license is a possession and storage use only license that works in conjunction with the primary ABB license for decommissioning of the Windsor Site (License No. 06-00217-06, Docket No. 030-03754). There is no licensed material possessed under License No. SNM-1067. Attached is NRC Form 314 that certifies the disposition of licensed material that was possessed under the SNM-1067 license.

Given that planned decommissioning activities for the Windsor Site are complete, no licensed material possessed under license SNM-1067 and no future activities that would necessitate the use of license SNM-1067, ABB has determined that there is no longer a need for maintaining this license. Since license SNM-1067 was a possession and storage use only license, the radiation protection program and associated documentation is maintained under the primary license 06-00217-06. Therefore no other license termination documentation is being provided at this time, but will be included in the future as part of license termination for the 06-00217-06 license.

Additional information justifying this application is provided in the attachment to this letter. If you have any questions concerning this request, please contact me at (860) 687-4904. Your timely review and approval of this request is appreciated.

**FULL COST RECOVERY ACTION**

**TAC NO. U01864**

Sincerely,

John F. Conant  
Director, Nuclear Engineering and Compliance

Attachments

xc: Charles Petrillo (Town of Windsor)  
Edward Wilds (CTDEEP)

ABB Inc.

576602  
NMSS/RGN1 MATERIALS-002

(12-2010)  
10 CFR 30.36(j)(1); 40.42(j)(1);  
70.38(j)(1); and 72.54(k)(5)(1)(1)

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

**CERTIFICATE OF DISPOSITION OF MATERIALS**

LICENSEE NAME AND ADDRESS

ABB Inc.  
5 Waterside Crossing  
Windsor, CT 06095

LICENSE NUMBER

SNM-1067

DOCKET NUMBER

070-01100

LICENSE EXPIRATION DATE

January 31, 2012

**A. LICENSE STATUS (Check the appropriate box)**

- This license has expired.  This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
  - a. Transfer of radioactive materials to the licensee listed below:  
06-00217-06 Docket 030-03754
  - b. Disposal of radioactive materials:
    - 1. Directly by the licensee:
    - 2. By licensed disposal site:
    - 3. By waste contractor:
  - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

- 1. A radiation survey was conducted by the licensee. The survey confirms:
  - a. the absence of licensed radioactive materials
  - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
  - a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
  - a. The results of the latest leak test are attached; and/or
  - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME John F. Conant	TITLE Director, Nuc. Eng. & Compliance	TELEPHONE (Include Area Code) 860-687-4904	E-MAIL ADDRESS john.conant@us.abb.com
------------------------	---	---	--

Mail all future correspondence regarding this license to:  
same as above

**C. CERTIFYING OFFICIAL**

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE John F. Conant, Director, Nuc. Eng. & Compliance	SIGNATURE 	DATE December 21, 2011
--	---	---------------------------

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.**

# **Justification for Application to Terminate License No. SNM-1067**

## **Background Information on License SNM-1067**

Commercial nuclear fuel manufacturing at the Combustion Engineering Windsor Site ("CE") dates from 1968 when License No. SNM-1067 was first issued to CE. Commercial activities covered by SNM-1067 have involved development and production of fuel products for the commercial nuclear industry. Initially, uranium dioxide (UO<sub>2</sub>) fuel pellets purchased from an outside supplier were processed and loaded into fuel rods in Building 17, the commercial fuel manufacturing facility at the Windsor site. In 1970, a fuel pellet operation was added to the already existing fuel pellet loading and fuel assembly operation. At that time, Building 17 began receiving uranium dioxide powder, which was subsequently fabricated into fuel pellets. UO<sub>2</sub> powder handling and pellet pressing operations continued until permanently halted in December 1989. Uranium bearing fuel manufacturing operation ceased on September 30, 1993.

Following cessation of uranium handling operations, CE initiated the decontamination and decommissioning of the Building 17/21 Complex on the site. Laboratory activities, which were continued in the SNM Laboratory facilities in Building Complex 5, were transferred to License No. 06-00217-06, as was the use of the Building 17 facility for byproduct material operations. SNM-1067 was amended to authorize possession and storage only of SNM.

Certain NRC licensed activities of CE (including SNM-1067) were transferred to ABB Combustion Engineering Nuclear Power, Inc. on June 29, 1999. Subsequently the company name was changed to ABB Inc.

## **Decommissioning Activities at the Windsor Site**

Decommissioning of the Windsor site was conducted under the provisions of an approved Decommissioning Plan authorized under the Windsor Site primary License No. 06-00217-06. Licensed activities under the authorized provisions of SNM-1067 are limited to the possession and storage only of uranium-235 in the form of "Irradiated and/or contaminated debris, or residues (LLRW)" in accordance with the current license application. License SNM-1067 operates in conjunction with the Windsor Site primary license, 06-00217-06, so with the completion of remediation operations on the site, there is no longer any need for the "possession and storage" activities authorized by this license.

Radiological surveys to demonstrate completion of decommissioning have been performed and documentation in the form of Final Status Survey (FSS) reports will be submitted to the U.S. Nuclear Regulatory Commission (USNRC) in accordance with the schedule provided in a letter from John F. Conant (ABB) to John Nicholson (USNRC) dated June 24, 2011. These reports provide the necessary documentation that the Windsor site meets all regulatory requirements for

release for unrestricted use. Following completion of the submittal of the FSS reports, ABB will submit a request for termination of License No. 06-00217-06.

## **Justification for Termination of SNM-1067**

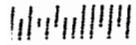
Termination of SNM-1067 does not have to wait until the USNRC has completed its review and approval of the FSS reports for the following reasons:

1. Decommissioning activities on the Windsor site have been conducted following the approved Decommissioning Plan under License No. 06-00217-06,
2. Licensed activities under SNM-1067 were limited to possession and storage only of uranium-235,
3. Licensed materials remaining on the Windsor site are possessed under the provisions of License No. 06-00217-06 which remains in effect,
4. Requirements in the license application for SNM-1067 are covered by the provisions of the license application for License No. 06-00217-06, and
5. The approved Financial Assurance provisions for the Windsor site, which include both License Nos. SNM-1067 and 06-00217-06, will remain in effect until License No. 06-00217-06 is terminated.

## **Conclusion**

In accordance with the provisions of Title 10 CFR Part 70, §70.38(k), License No. SNM-1067 can be terminated at this time. Upon application for termination of License No. 06-00217-06, the following remaining actions will have been taken as part of that license termination request:

1. The provisions to demonstrate that the premises are suitable for release in accordance with the criteria for unrestricted release in Title 10-CFR Part 20, Subpart E will have been met by the submission of the FSS reports, and
2. The records required by Title 10 CFR Part 70 §70.51(b)(6) will have been transferred to the USNRC.



**ABB**

ABB Inc.  
5 Waterside Crossing  
Windsor, CT 06095

Mr. John Nicholson  
U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

This is to acknowledge the receipt of your letter/application dated

12/21/2011, and to inform you that the initial processing which includes an administrative review has been performed.

Termination (SNM-1067/07001100)  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

---

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 576602.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.