



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

November 27, 2012

Docket No. 03003754
Control No. 577155

License No. 06-00217-06

John F. Conant
Director, Nuclear Engineering and Compliance
ABB, Inc.
5 Waterside Crossing
Windsor, CT 06095

SUBJECT: ABB, INC., REQUEST FOR ADDITIONAL INFORMATION CONCERNING
APPLICATION FOR AMENDMENT TO LICENSE, CONTROL NO. 577155

Dear Mr. Conant:

This is in reference to your letter dated March 14, 2012 requesting to amend Nuclear Regulatory Commission License No. 06-00217-06. In order to continue our review, we need the following additional information:

Final Status Survey Report Submittal (FSSRS) No. 5, volume I, section 3.2.10, references survey unit CE-FSS-33-09. This Class 1 survey unit is associated with the Site Brook. Inspectors from the Nuclear Regulatory Commission (NRC) and the Connecticut Department of Energy and Environmental Protection (CTDEEP) were on site on October 7, 2011, and collected biased confirmatory soil samples from this survey unit. Samples were split with ABB, NRC, and CTDEEP. The NRC samples were sent to Oak Ridge Institute for Science and Education (ORISE) for analysis. A report from ORISE, dated November 1, 2011, with the results for the soil samples collected from this survey unit, sample ABB-11-26-1 indicated a result for total uranium of 652 pCi/g. This exceeds the site specific DCGL for total uranium of 557 pCi/g. The CTDEEP sample number for this is FSS-33-09-DEP-1. A copy of this ORISE report was forwarded to ABB, Inc. and CTDEEP via an email dated November 2, 2011. There is no mention of this sample in section 3.2.10 of FSSRS No. 5. Please describe what follow-up action was taken as a result of the site specific DCGL for total uranium being exceeded for sample ABB-11-26-1.

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits**, see our **toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>.

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We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 577155. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5236.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

Sincerely,

Original signed by John Nicholson

John Nicholson
Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

cc:

Heath Downey, C.H.P., Radiation Safety Officer

Scott Acone, Chief, New England District

Michael Firsick, Supervising Radiation Control Physicist

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Distribution

Y. Norman, Division of Waste Management and Environmental Protection, FSME

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