



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 9, 2012

Docket No. 03003754
Control No. 575762

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. 575762

Dear Mr. Conant:

This is in reference to your letter dated July 29, 2011, 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 (FSSR) Submittal #1 references in several instances the Final Status Survey Plan for CE Windsor Site, Revision 1(FSSP), dated July 2011. This has not been submitted to the NRC. Please submit a copy.

Gamma walkover survey results for several FSSR survey units have data logger measurements exceeding the investigational level of 4,104 counts per minute (cpm) and these are discounted as false positive. Please provide the rationale for this.

Certain areas in FSSR survey units that exceeded investigational criteria were discounted due to the levels of naturally occurring radioactive materials (NORM) present. Please provide a brief description on how you disposition these areas analytically.

Describe how the analysis results of the independent, biased verification soil samples collected by the Connecticut Department of Energy and Environmental Protection (CTDEEP) and split between CTDEEP, NRC, and ABB are utilized in drafting the FSSR.

In the Final Status Survey Volumetric Soil Sample Results tables associated with each survey unit there are suffixes associated with some of the samples. Describe what the "LR", "AVE", and "S" suffixes mean and how the data is handled for samples with these designations.

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).

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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. 575762. 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 Kathy Modes

For John Nicholson
Health Physicist
Decommissioning Branch
Division of Nuclear Materials Safety

cc:

Scott Acone, U.S. Army Corps of Engineers

Heath Downey, AMEC, Radiation Safety Officer

Michael Firsick, State of Connecticut, Department of Energy and Environmental Protection

J. Conant

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Distribution:

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

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