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January 06, 2011

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Ms. Betsy Ullrich
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety
Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

Re: Unrestricted Removal of the Bethany Site from License 06-00221-08

Dear Ms. Ullrich:

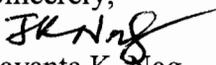
Enclosed are two (2) complete copies of the Final Radiological Status Report for Chemtura's Bethany Connecticut site for your review and approval. Please also note that a copy of this report has been sent to Mr. Andrew Zwick, Connecticut Department of Environmental Protection.

We believe that the radiological surveys that we performed on the outside areas fully meet the MARSSIM requirements. We also believe that the surveys performed within the buildings on the site exceed the requirements set forth in MARSSIM, in that the instruments used in the virtually 100% scan survey of floors and other areas had lower limits of detection (LLD) that were much smaller than the DCGL for ¹⁴C, the isotope of interest. No contamination in excess of the DCGL was found. The contaminated areas detected were reduced only for ALARA purposes, and then re-surveyed. All survey results that are summarized in the report met the release criteria for unrestricted use of this facility.

Based on the survey results, we are requesting your prompt action so that the Bethany facility could be released for unrestricted use and removed from the above mentioned NRC license.

If you have any questions, please contact me. In addition, Chemtura hired Radiation Safety Associates (RSA), Inc. as a consultant for this project as I indicated earlier. If you have any further questions or issues concerning this report, you may directly contact Mr. K. Paul Steinmeyer, RSA (Tel: 860-228-0487 and E-mail: kpstein@radpro.com).

Sincerely,


Jayanta K. Nag
Radiation Safety Officer

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NMSS/RGN1 MATERIALS-002