



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

January 3, 2011

Docket No. 03032126  
Control No. 574145

License No. 06-28624-01

Steven E. Reiser, Ph.D.  
Site Lead  
Monsanto Company  
Mystic Research Center  
62 Maritime Drive  
Mystic, CT 06355-1958

SUBJECT: MONSANTO COMPANY, ACCEPTANCE OF NOTIFICATION OF CESSATION  
OF ACTIVITIES, CONTROL NO. 574145

Dear Dr. Reiser:

This letter is to acknowledge receipt of your notification of cessation of principal activities under the license listed above. In accordance with 10 CFR Part(s) 30.36, we expect decommissioning of the facility to be completed within 24 months unless a decommissioning plan is submitted within 12 months and an alternate schedule is approved. In accordance with the conditions of your license, a decommissioning plan is not required unless decommissioning activities are required which are not currently authorized by your license. Based on your letter, we expect that you will submit for license termination in February 2011 and not need a decommissioning plan.

Current NRC guidance for decommissioning is in NUREG-1757, "Consolidated NMSS Decommissioning Guidance", Volumes 1, 2 and 3. In particular, you should review NUREG-1757, Volume 2, Appendix B, "Simple Approaches for Conducting Final Radiological Surveys". This guidance is available electronically at the NRC web site and can be reached directly at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1757/>.

When requesting termination, it is recommended to use NRC Form 314 which can be found at <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc314.pdf>. Also When a licensee terminates licensed activities, the regulations in 10 CFR 30.35(g) require that records of information important to decommissioning be transferred to the U.S. Nuclear Regulatory Commission to ensure their long-term availability. When requesting termination, please transfer the following records, as were applicable to your program, that pertain to:

- a. the decommissioning of your facility including records of burials; and
- b. records of offsite releases and waste disposal including effluent releases, release to sewers, incineration, and radioactive material spills.

S. Reiser

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No transfers or changes of ownership or license terminations will be authorized unless all records considered important to the safe and effective decommissioning of the facility in 10 CFR 30.35(g) have been transferred to the Commission for license terminations.

Sincerely,

***Original signed by Dennis R. Lawyer***

Dennis R. Lawyer  
Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

cc:  
Christopher Bonin, Ph.D., Radiation Safety Officer

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**SUNSI Review Complete: DLawyer**

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