



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

January 31, 2002

Docket No. 03020681  
Control No. 130368

License No. 07-13441-02

John Montovino  
Manager, Facilities  
E. I. duPont de Nemours and Co., Inc.  
Stine-Haskell Research Center  
P.O. Box 30, Elkton Road, (Rt. 2)  
Newark, DE 19714-0030

SUBJECT: E. I. DUPONT DE NEMOURS AND CO., INC., REQUEST FOR ADDITIONAL INFORMATION CONCERNING FIELD STUDIES INVOLVING BYPRODUCT MATERIAL, CONTROL NO. 130368

Dear Mr. Montovino:

This is in reference to your application dated September 26, 2001 requesting to renew Nuclear Regulatory Commission License No. 07-13441-02, our letter dated October 18, 2001 requesting additional information and your response letter dated November 16, 2001. Although you have provided us with some of the information needed for review of your request to conduct studies involving byproduct material at field sites at the Stine-Haskell Research Center (Stine-Haskell), more detailed information is needed to support our preparation of an Environmental Assessment (EA) in accordance with the procedures and criteria in 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions."

We have enclosed a sample EA for field studies that is very similar in nature to your project. Please review the sample EA and provide us with analogous information related to the Stine-Haskell field studies for the following areas indicated below. It is acceptable to use the exact wording in the sample EA, if the wording applies accurately to the Stine-Haskell field studies.

1. "Site Characteristics", on pages D-29 and D-30 of the enclosure
2. "Environmental Impacts of the Proposed Action", on page D-30 of the enclosure
3. "Impact on Food Chain", on pages D-30 and D-31 of the enclosure
4. "Groundwater Impacts", on pages D-31 and D-32 of the enclosure
5. "Surface Water Runoff", on page D-33 of the enclosure
6. "Dose to the Maximally Exposed Individual", on page D-33 of the enclosure
7. "Endangered Species", on page D-33 of the enclosure

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8. “Alternative to the Proposed Action”, on page D-33 of the enclosure

In accordance with 10 CFR 2.790, a copy of this letter will be placed in the NRC Public Document Room and will be accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html>.

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. 130368. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-6952.

In order to continue prompt review of your application, we request that you submit your response to this letter within 30 calendar days from the date of this letter.

Sincerely,

***Original signed by Pamela J. Henderson***

Pamela J. Henderson  
Senior Health Physicist  
Nuclear Materials Safety Branch 2  
Division of Nuclear Materials Safety

Enclosures:

1. 10 CFR Part 51
2. Sample Environmental Assessment

cc w/enclosures:

Norman W. Henry, Radiation Safety Officer

J. Montovino  
E. I. duPont de Nemours and Co., Inc.

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