

OCT 2 1981

FCMLB:PCJ  
030-19346  
(00151)

E.I. Du Pont de Nemours & Co., Inc.  
ATTN: Mr. Gary L. Sontchi  
Purchasing Agent  
1007 Market Street  
Wilmington, Delaware 19898

Gentlemen:

This is in reference to your application for license dated September 16, 1981. In order to continue our review, we need the following additional information:

1. 10 CFR 33.13(c)(1) requires that your radiation safety committee be composed of a radiological safety officer, a representative of management and persons trained and experienced in the safe use of radioactive materials. Please identify the person who is the management representative and his or her position in the management structure.
2. Please state the fraction of a work week assigned to the position of RPO (full time or part time).
3. Describe your procedures for examining incoming packages for leakage, contamination or damage, and for safely opening packages in accordance with Section 20.205 of 10 CFR Part 20. It is recommended that, as a minimum, these include instructions to wear gloves, monitor the packages before opening, and monitor the inner container and the packing material for contamination after opening.
4. Please confirm that the RPO will make at least monthly surveys in strictly controlled areas and that users of radioactive material will make surveys at the end of each experiment. State the levels of contamination that you consider to be acceptable.
5. Please confirm that food and beverages will not be permitted in your strictly controlled or controlled areas.
6. In support of your request for 500 millicuries of phosphorus-32, you should develop and submit special safety instructions to be provided to individuals using millicurie quantities of P-32. We recommend that your procedures include the following additional requirements:

8507050325 850610  
REG1 LIC30  
07-00455-37 PDR

OFFICE	<i>PCJ</i>	<i>PCJ</i>			
SURNAME	<i>German</i>	<i>Glenn</i>			
DATE	<i>9/30/81</i>	<i>9/30/81</i>			

OCT 2 1981

- a. A mandatory radiation survey and wipe test procedures after each use.
  - b. The use of a dry run prior to the performance of unfamiliar procedures in order to preclude unexpected complications. In addition, it is recommended that the radiation protection officer be present during new procedures.
7. If you will possess sealed sources, specify the method for leak test surveys you will use.

We will continue our review of your application upon receipt of this information. Please reply in duplicate and refer to Control No. 00151.

Sincerely,

Original Signed By  
John E. Glenn, Ph.D.

John E. Glenn, Ph.D.  
Material Licensing Branch  
Division of Fuel Cycle and Material  
Safety

cc: George W. Moncrief  
Glenolden Laboratory  
500 South Ridgeway Avenue  
Glenolden, Pennsylvania 19036

ML10

OFFICE							
SURNAME							
DATE							